RESOLUTION NO. 21918

Background

The Illinois State Toll Highway Authority ("Tollway") advertised for sealed bids on Contract I-19-4464 for I-57 Roadway and Bridge Widening and I-294 Ramp Construction on the Tri-State Tollway (I-294) from Mile Post 7.0 to Mile Post 8.5 and Interstate 57 from Mile Post 349.2 to Mile Post 350.6. The lowest responsive and responsible bidder on Contract No. Contract I-19-4464 is Judlau Contracting, Inc. in the amount of $64,352,559.20.

Resolution

Contract No. I-19-4464 is awarded to Judlau Contracting, Inc. in the amount of $64,352,559.20, subject to all required approvals, the contractor satisfying applicable DBE, financial and all other contract award requirements, and execution of all contract documents by the bidder and the Tollway.

The Chairman/Chief Executive Officer of the Tollway is authorized to execute the aforementioned Contract, subject to the approval of the General Counsel and the Chief Financial Officer, and the Chief Financial Officer is authorized to issue warrants in payment thereof.

If the bidder fails to satisfy the contract award requirements, the Executive Director is authorized to approve an award to the next lowest responsible bidder, in accordance with the applicable contract award requirements, and execution of all contract documents by the bidder and the Tollway. The Chairman/Chief Executive Officer of the Tollway is authorized to execute any contract awarded to the next lowest bidder, subject to the approval of the General Counsel and the Chief Financial Officer, and the Chief Financial Officer is authorized to issue warrants in payment thereof.

Approved by: [redacted]

Chairman

RETURN WITH BID

ORIGINAL

IMPORTANT
BID ADDENDUM
ENCLOSED

CONTRACT I-19-4464

I-57 ROADWAY AND BRIDGE WIDENING
(KEDZIE AVE TO CSX RR)
CD ROADS A & C
I-294 RAMP CONSTRUCTION
AND
RAMP L TOLL PLAZA

TRI-STATE TOLLWAY (I-294)
MILE POST SB-350.0; NB-349.0
TO MILE POST 350.6
STATION SB-1264+00.0; NB-1230+52.2
TO STATION 1315+00.0

Illinois Tollway
2700 Ogden Avenue Downers Grove, IL 60515

VOLUME I

REQUIRED DOCUMENTS

CN-Tollway-PDK-4464 Contract Requirements Book Vol I-01312020

ADDENDUM NO. 3
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-19-4464
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: 10/31/2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30:00 A.M. local time, **November 5, 2019**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. The following revised Contract Drawings are included in this Addendum:
   Volume 2 – Drawing 453.

CHANGES TO THE CONTRACT REQUIREMENTS

CHANGES TO THE ADVERTISEMENT FOR SEALED BID.

CHANGES TO THE SCHEDULE OF PRICES

None

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

None

CHANGES TO THE CONTRACT DRAWINGS

Change #1 Contract Plans, Volume 2, Drawing 453. Sign Standard Details. This drawing contains the following revisions (attached):

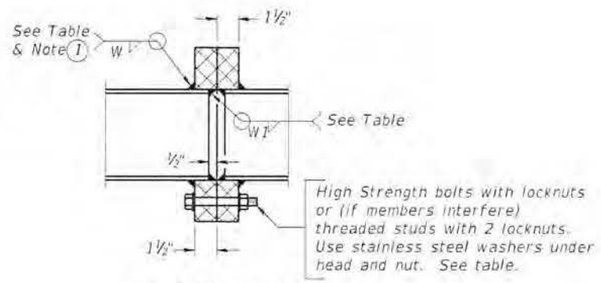
1.1. Dimension table added.

END OF ADDENDUM CHANGES

TRUSS UNIT TABLE

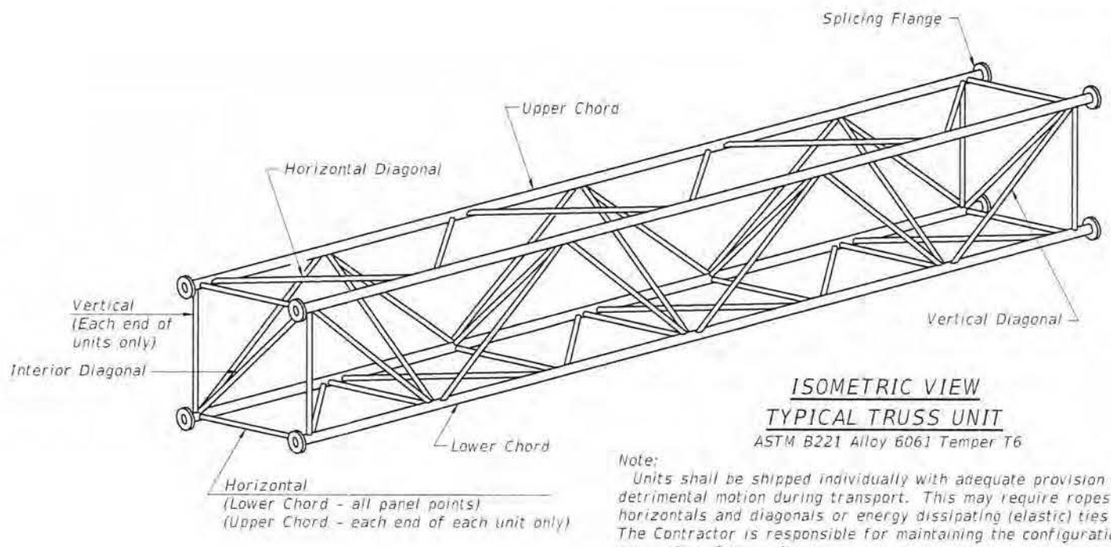
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Length (L_e)	Panel Length (P)	No. Req'd.	No. Panels per Unit	Unit Length (L_i)	Panel Length (P)						Bolts		Weld Sizes		A	B
										O.D.	Wall	O.D.	Wall		No./Splice	Dia.	W	W_1		
1S016I057R348.6	1206+00.0	SPECIAL***	7	32'-4 1/2"	4'-4 1/4"	1	6	31'-9"	5'-1"	9	1/2	3 1/2	5/16	2 1/16	8	1 1/4	9/16	7/16	13 1/2	17
1S016I057R348.9	1219+50.0	SPECIAL***	7	32'-4 1/2"	4'-4 1/4"	1	6	31'-9"	5'-1"	9	1/2	3 1/2	5/16	2 1/16	8	1 1/4	9/16	7/16	13 1/2	17
1S016I057R349.2	3011+80.0 (RAMP B)	I-A	5	26'-9 1/4"	4'-11 3/4"	1	6	31'-1 1/2"	4'-11 3/4"	5	5/16	2 1/2	5/16	2 3/8	6	7/8	3/8	1/4	8 3/4	11 3/4
1S016I057R349.8	3639+54.1 (CD RD A)	I-A	7	35'-8 1/2"	4'-10"	-	-	-	-	5	1/4	2 1/2	1/4	1 3/4	6	7/8	5/16	1/4	8 3/4	11 3/4
1S016I057R350.0	3648+37.0 (CD RD A)	I-A	7	33'-4 1/2"	4'-6"	-	-	-	-	5	1/4	2 1/2	1/4	1 1/2	6	7/8	5/16	1/4	8 3/4	11 3/4
1S016I057L349.8	3245+00.0 (CD RD C)	II-A	5	27'-4 3/4"	5'-1 1/4"	1	6	31'-10 1/2"	5'-1 1/4"	5 1/2	5/16	3	5/16	2 1/4	6	7/8	3/8	1/4	9 1/4	12 1/4
1S016I057L349.9	3238+40.0 (CD RD C)	II-A	7	35'-8 1/2"	4'-10"	-	-	-	-	5 1/2	5/16	3	5/16	1 3/8	6	7/8	3/8	1/4	9 1/4	12 1/4
1S016I057L350.2	3224+80.0 (CD RD C)	I-A	5	25'-10"	4'-9 1/2"	-	-	-	-	5	1/4	2 1/2	1/4	5/8	6	7/8	5/16	1/4	8 3/4	11 3/4
1S016I057L350.4	3214+25.0 (CD RD C)	I-A	6	31'-4 1/2"	4'-11"	-	-	-	-	5	1/4	2 1/2	1/4	1 1/4	6	7/8	5/16	1/4	8 3/4	11 3/4
1S016I057L350.7	1314+50.0	III-A	5	28'-11 1/2"	5'-5"	1	6	33'-9"	5'-5"	9	1/2	3 1/2	5/16	1 13/16	8	1 1/4	9/16	7/16	13 1/2	17

*** - SPECIAL TRUSSES ARE MODIFIED III-A TRUSS TYPE



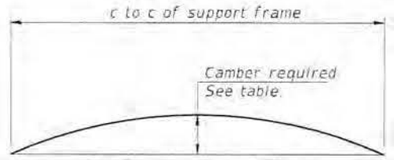
SECTION B-B

(1) Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.



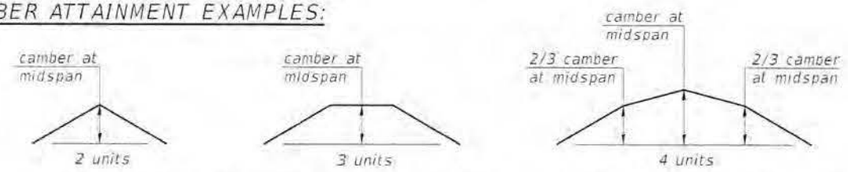
ISOMETRIC VIEW
TYPICAL TRUSS UNIT
ASTM B221 Alloy 6061 Temper T6

Note:
Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.

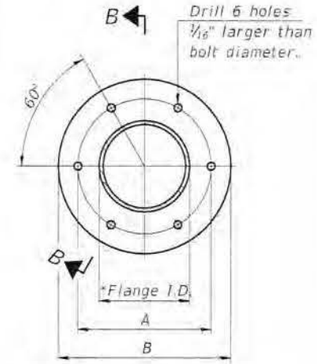


CAMBER DIAGRAM
Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

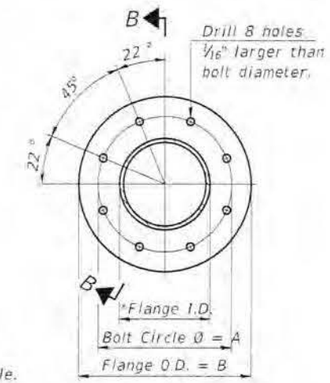
CAMBER ATTAINMENT EXAMPLES:



Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A

SPLICING FLANGES
ASTM B221, Alloy 6061-T6
or ASTM B209, Alloy 6061-T651
*To fit O.D. of Chord with maximum gap of 1/16".

OS4-A-2 2-17-2017

DRAWN BY MPG	DATE 9-11-2019	TY LIN INTERNATIONAL	THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY 2700 OGDEN AVENUE DOWNERS GROVE, ILLINOIS 60515	CONTRACT I-19-4464	SHEET SIGN-STD-DET-03
CHECKED BY JPM	SCALE NONE			I-57 AT I-294 SIGN STANDARD DETAILS	453 OF 1157

REVISIONS

NO.	DATE	DESCRIPTION
1	10/31/19	ADDENDUM NO. 3

ADDENDUM NO. 2
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-19-4464
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: 10/28/2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30:00 A.M. local time, **November 5, 2019**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. The Documents Required pages in Volume I have been revised. Replace CL-1R, CL-2R, CL-3R, DBE-3 and VSOB-1, with CL-1RR, CL-2RR, CL-3RR, DBE-3R and VSOB-1R.

2. A complete set of Schedule of Prices is included with this Addendum and must be inserted into the Contract Bid by the Bidder. The Bidder's attention is called to pages P-8RR, P12RR, P-13R, P-15RR, P-17R, P-19R and P-25RR which have been revised and included as part of the Schedule of Prices.

3. The following revised Special Provision pages are included in the Contract with this Addendum: TOC-1RR, TOC-2RR, TOC-3R, TOC-4R, and TOC-6RR; J-14RR, J20R, J-54R, J-264RR, J-265RR, J276RR, J-277RR, J-278RR.

4. The following new Special Provision pages are included in the Contract with this Addendum: J-20A, J-20B, J-107A, J-107B, and J-130A, J-277A and J-314A through J314K.

5. The following Special Provision pages were deleted from the Contract by this Addendum: None.

6. The following revised Contract Drawings are included in this Addendum:
   Volume 1– Drawing 5,
   Volume 2 – Drawings 305, 306, 321, 371, 373, 455, 457, and 462 through 465.
   Volume 3 – Drawings 544, 551, 552, 554, and 555.
   Volume 4 – Drawings 654, 671, 676, 691, 708, 713, 726, 758, 759, 767, 799, 800, 809, 811, 835 and 841.
   Volume 5 – Drawings 863, 865, 892 and 898.

7. The following new Contract Drawings are included in this Addendum:
   Volume 1 – Drawing 5A
   Volume 3 – Drawing 551A

8. Revised Contract Drawings Volume 1, Drawings 9, 12, 15, 16, 18 and 22 will be issued to the successful Bidder. The revised drawings will reflect the quantity changes shown in the "Summary of Revisions to Pay Item Quantities" table included in this addendum.

9. Responses to Request for Information received from the Plan Holders are included in this Addendum.

10. Existing plans and permit information for the project is provided in the On-Line plan room. See revised SP 120 for list.

11. CADD files of the project is provided in the On-Line plan room. See revised SP 121 for list.

CHANGES TO THE CONTRACT REQUIREMENTS

CHANGES TO THE ADVERTISEMENT FOR SEALED BID

Change #1 Contract Requirements, Volume I, replace pages CL-1R, CL-2R, CL-3R, DBE-3 and VSOB-1, with CL-1RR, CL-2RR, CL-3RR, DBE-3R and VSOB-1R (attached) . This replacement contains the following revisions:

1.1. DBE 2025 and VSOB 2025 forms should be submitted with bid.
1.2. Requirements of DBE 2025 form.
1.3. Requirements of VSOB 2025 form.

CHANGES TO THE SCHEDULE OF PRICES

SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP. PROV.	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	CHANGE	NEW QUANTITY
*	52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	44766	-799	43967
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	20	-5	15
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	19	-5	14
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	50	-20	30
*	X0326836	REMOVE AND REINSTALL VIDEO CAMERA AND EQUIPMENT.	EACH	0	1	1
*	X8420113	REMOVAL OF UNDERPASS LIGHTING UNIT, SALVAGE	EACH	0	20	20
	JT720120	SIGN INSTALLATION, TYPE 3	SQ FT	5727	28	5755

* Denotes Special Provision

Change #2 Contract Requirements, Volume I, pages P-8R, P12R, P-13, P-15R, P-17, P-19 and P-25R replaced with pages P-8RR, P12RR, P-13R, P-15RR, P-17R, P-19R and P-25RR. This replacement contains the following revisions (attached):

2.1. Revised the quantities per the above Summary Of Revisions To Pay Items Quantities table.

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #3 Contract Requirements, Volume II, replace pages TOC-1R, TOC-2R TOC-3, TOC-4 and TOC-6R with pages TOC-1RR, TOC-2RR, TOC-3R, TOC-4R, and TOC-6RR. This replacement contains the following revisions (attached):

3.1. Revised index for special Provision updates

Change #4 Contract Requirements, Volume II, replace page J-14R with page J-14RR. This replacement contains the following revisions (attached):

4.1. Modified S.P. 104 to change NTP to January 23, 2020.

Change #5 Contract Requirements, Volume II, replace page J-20 with page J-20R and add J-20A and J-20B. This replacement contains the following revisions (attached):

5.1. Added section S.P 106.4 and 106.5 to specify Coordination with MWRDGC and the Mount Prospect Park District.
5.2. Modified S.P. 107 to add MWRDGC and the Park District to the insurance requirements.

Change #6 Contract Requirements, Volume II, replace page J-54 with page J-54R. This replacement contains the following revisions (attached):

6.1. Modified S.P. 120 to to add reference files available.

6.2. Modified S.P. 121 to add CADD files available.

Change #7 Contract Requirements, Volume II, add the following Special Provision J-107A and J-107B. These new pages contain the following information (attached):

7.1. **S.P. Remove And Reinstall Video Camera And Equipment:** new SP.

Change #8 Contract Requirements, Volume II, add the following Special Provision J-130A. This new page contains the following information (attached):

8.1. **S.P. Removal Of Underpass Lighting Unit, Salvage:** new SP.

Change #9 Contract Requirements, Volume II, replace pages J-264R, J-265R, J276R, J-277R, J-278R with pages J-264RR, J-265RR, J276RR, J-277RR, J-278RR. Add Page 277A. This replacement contains the following revisions (attached):

9.1. **S.P. Plaza Electrical Work:** Changes to the Data logger camera and power .

Change #10 Contract Requirements, Volume II, add the following Special Provision J-314A through J-314I. These new pages contain the following information (attached):

10.1. **S.P. Data Logger Camera Site Grounding:** new SP.

Change #11 Contract Requirements, Volume II, add the following Special Provision J-314J. This new page contain the following information (attached):

11.1. **S.P. Ground Mounted Pole Galvanized Steel:** new SP.

Change #12 Contract Requirements, Volume II, add the following Special Provision J-314K. These new pages contain the following information (attached):

12.1. **S.P. Data Logger Camera Pole Foundation Steel Helix:** new SP.

Change #13 Contract Requirements, Volume III, replace pages TOC-1R, TOC-2R, TOC-3, TOC-4 and TOC-6R with pages TOC-1RR, TOC-2RR, TOC-3R, TOC-4R, and TOC-6RR. This replacement contains the following revisions (issued to successful bidder):

13.1. Revised index for special Provision updates

CHANGES TO THE CONTRACT DRAWINGS

Change #14 Contract Plans, Volume 1, Drawings 9, 12, 15, 16, 18 and 22. Summary of Quantities (issued to successful Bidder.)

14.1. These drawings have been revised to reflect changes in the revised schedule of prices accompanying this addendum.

Change #15 Contract Plans, Volume 1, Drawing 5. Progress Schedule. This drawing contains the following revisions (attached):

15.1. Revised Sheet. Schedule modified for work restriction, NTP dates.

Change #16 Contract Plans, Volume 1, New Drawings 5A. Progress Schedule. This new drawing contains the following revisions (attached):

16.1. Schedule modified for work restriction, NTP dates.

Change #17 Contract Plans, Volume 2, Drawings 305, 306 and 321. Pavement Jointing And Elevations. This drawing contains the following revisions (attached):

17.1. Pavement call-outs revised to match plans.

Change #18 Contract Plans, Volume 2, Drawing 371. Proposed Sign Panel Schedule. This drawing contains the following revisions (attached):

18.1. Signs added to schedule.

Change #19 Contract Plans, Volume 2, Drawing 373. Ground Mount Sign Supports Schedules. This drawing contains the following revisions (attached):

19.1. Signs added to schedule.

Change #20 Contract Plans, Volume 2, Drawings 455, 457, and 462 through 465. Sign Standard Details. These drawings contain the following revisions (attached):

20.1. Dimension tables added.

Change #21 Contract Plans, Volume 3, Drawings 544. Video Power Junction Box. These drawings contain the following revisions (attached):

21.1. Clarification of design intent – power supply, PoE, Surge suppressor, enclosure.

Change #22 Contract Plans, Volume 3, Drawings 551, 552. Pole Mounted Data Logger Camera. These drawings contain the following revisions (attached):

22.1. Additional details for camera.

Change #23 Contract Plans, Volume 3, Drawings 551A. Data Logger Camera Pole Foundation. This drawing contains the following revisions (attached):

23.1. Details for pole foundation.

Change #24 Contract Plans, Volume 3, Drawings 554, and 555. VES Wash System. These drawing contains the following revisions (attached): revisions (attached):

24.1. Clarification of design intent.

Change #25 Contract Plans, Volume 4, Drawing 654, Stage Construction - 1. This drawing contains the following revisions (attached):

25.1. Added note regarding damage to existing reinforcement bars.

Change #26 Contract Plans, Volume 4, Drawing 671, South Abutment Removal. This drawing contains the following revisions (attached):

26.1. Added note regarding damage to existing reinforcement bars.

Change #27 Contract Plans, Volume 4, Drawing 676, North Abutment Removal. This drawing contains the following revisions (attached):

27.1. Added note regarding damage to existing reinforcement bars.

Change #28 Contract Plans, Volume 4, Drawing 691, Stage Construction - 1. This drawing contains the following revisions (attached):

28.1. Added note regarding damage to existing reinforcement bars.

Change #29 Contract Plans, Volume 4, Drawing 708, South Abutment Removal. This drawing contains the following revisions (attached):

29.1. Added note regarding damage to existing reinforcement bars.

Change #30 Contract Plans, Volume 4, Drawing 713, North Abutment Removal. This drawing contains the following revisions (attached):

30.1. Added note regarding damage to existing reinforcement bars.

Change #31 Contract Plans, Volume 4, Drawing 726, General Data and Notes. This drawing contains the following revisions (attached):

31.1. Added notes related to the SARS report.

Change #32 Contract Plans, Volume 4, Drawing 758. N.B. I-57 Pier. This drawing contains the following revisions (attached):

32.1. Added note regarding existing ground conditions.

Change #33 Contract Plans, Volume 4, Drawing 759, C-D Road A-Pier. This drawing contains the following revisions (attached):

33.1. Added note regarding existing ground conditions.
33.2. Labeled End View of Pier
33.3. Added applied factored bearing pressure

Change #34 Contract Plans, Volume 4, Drawing 767, General Data and Notes. This drawing contains the following revisions (attached):

34.1. Added notes related to the SARS report.

Change #35 Contract Plans, Volume 4, Drawing 799, C-D Road C-Pier. This drawing contains the following revisions (attached):

35.1. Added note regarding existing ground conditions.
35.2. Labeled End View of Pier
35.3. Added applied factored bearing pressure

Change #36 Contract Plans, Volume 4, Drawing 800, S.B. I-57 Pier. This drawing contains the following revisions (attached):

36.1. Added note regarding existing ground conditions.
36.2. Labeled End View of Pier

Change #37 Contract Plans, Volume 4, Drawing 809, Gen. Notes/Slopewall Details.. This drawing contains the following revisions (attached):

37.1. Added notes related to the SARS report.

Change #38 Contract Plans, Volume 4, Drawing 811, Stage Construction. This drawing contains the following revisions (attached):

38.1. Added note regarding damage to existing reinforcement bars.
38.2. Added note for payment of temporary concrete barrier.
38.3. Modified Note A.
38.4. Added Note C which clarifies counterweight work at one end of the bridge.

Change #39 Contract Plans, Volume 4, Drawing 835, South Abutment Removal. This drawing contains the following revisions (attached):

39.1. Added note regarding damage to existing reinforcement bars.

Change #40 Contract Plans, Volume 4, Drawing 841, North Abutment Removal. This drawing contains the following revisions (attached):

40.1. Added note regarding damage to existing reinforcement bars.

Change #41 Contract Plans, Volume 5, Drawing 863, General Notes. This drawing contains the following revisions (attached):

41.1. Added notes related to the SARS report.

Change #42 Contract Plans, Volume 5, Drawing 865, Stage Construction. This drawing contains the following revisions (attached):

42.1. Added note regarding damage to existing reinforcement bars.
42.2. Added note for payment of temporary concrete barrier.
42.3. Modified Notes A and B.
42.4. Added Note C which clarifies counterweight work at one end of the bridge.
42.5. Modified Scope of Work in Stage III Construction.

Change #43 Contract Plans, Volume 5, Drawing 892, South Abutment Removal. This drawing contains the following revisions (attached):

43.1. Added note regarding damage to existing reinforcement bars.

Change #44 Contract Plans, Volume 5, Drawing 898, North Abutment Removal. This drawing contains the following revisions (attached):

44.1. Added note regarding damage to existing reinforcement bars.

END OF ADDENDUM CHANGES

Documents Required with the Bid

Bidder should use this checklist to ensure that all required documents are completed and included with its bid.

Required Documents	Reference Volume I	Comments and Important Information		Included with Bid ✓
Forms A (22 pages) or Forms B (3 or more pages)	Section N	Forms A or Forms B must be submitted with the bid or the bid will be considered non-responsive.	If a Joint Venture, must be submitted for each Joint Venture Partner	
Disadvantaged Business Enterprise • **DBE 2026-Utilization Plan** • **DBE 2025** • **DBE 2023 if needed**	Section I #27 DBE Special Provision	Required for all solicitations with DBE goals. The DBE 2025 form should be submitted with the bid. See DBE Special Provisions for additional information. If goal is 0% the forms are not required.		
Veteran Small Business Participation and Utilization • **VOSB 2026-Utilization Plan** • **VOSB 2025** • **VOSB 2023 if needed**	Section I #28 VOSB Special Provision	Required for all solicitations with Veteran goals. The VOSB 2025 form should be submitted with the bid. See Veteran Special provision for additional information If goal is 0% the form is not required.		
Equal Employment Opportunity EEO 1256	Section I #29 & EEO Special Provision	Required for all solicitations with Equal Employment Opportunity goals.		
Optional Bid Credit Incentive Program Certificates	Section I #30 Bid Credit Incentive Programs Special Provision	If Bid Credit is utilized, Bid Credit Certificates are required in bid submittal See Bid Credit Incentive Programs Special Provision for additional information		
Page P-1 with Addendum noted, Page P-2 with Bid Guaranty completed, Page P-3 completed with signatures, P-4	Section I-#4 P-Pages	Fill in all available pay item prices with values of $0.01 or greater.		

Bid Bond, Signature and Corporate Seal	Page 2 and 3 of the "P" Pages	If a Joint Venture, Bid Bond must be in the name of the Joint Venture. Signature and Corporate Seal page (last) must be submitted for each Joint Venture Partner.	
Preferences, Contacts and Affidavit	Section R	If a Joint Venture, required from each Joint Venture Partner (If required)	
IDOT Certificate of Eligibility (If required—See Page A-1)	A-1 & Section I #9	If a Joint Venture, must be submitted for each Joint Venture Partner	
Non-Collusion Affidavit	Page R-4	If a Joint Venture, must be submitted for each Joint Venture Partner	
Tollway Standard Terms & Conditions	Section TC	If a Joint Venture, must be submitted for each Joint Venture	
Plant and Equipment Questionnaire and Current Obligations	Section I 9 & Section S	If a Joint Venture, submit for each Joint Venture partner.	
Responsible Bidder Affidavit PA-1 signed and Notary Seal	Section 1 #37		

The Following Will Be Verified by the Tollway for the Low Apparent Bidder		
Authority to Transact Business in Illinois - Secretary of State Certificate of Good Standing	Section I #10	If a Joint Venture, will be verified for each Joint Venture Partner.
Illinois Dept. of Human Rights	Section I #9 & #26	If a Joint Venture, will be verified for each Joint Venture Partner
State Board of Elections	Section I #25	If a Joint Venture, will be verified for each Joint Venture Partner

Documents Required from Lowest Responsive/Responsible Bidder
Upon Request from the Tollway

(Notice of Intent e-mail will be sent requesting these items)

Agreement	Section T	If a Joint Venture, must be signed by both Joint Venture Partners
Performance Bond	Section U	If a Joint Venture, must be executed by both Joint Venture Partners
Payment Bond	Section V	If a Joint Venture, must be executed by both Joint Venture Partners
Insurance	Section I #17	If a Joint Venture insurance must be in the name of both Joint Venture Partners
Evidence of authority of company representatives to execute the contract, such as Board of Directors' Minutes, or a resolution authorizing officers of the firm to execute the contract documents		
Certificates showing authorization to do business in Illinois if your firm is not an Illinois corporation.		
Any supplemental financial or experience information if requested by the Illinois Tollway.		
A completed Signature Authority Form designating any and all individuals to execute on behalf of the company any and all contract modifications or documentation		
If a Joint Venture, a copy of the executed Joint Venture Agreement between all partuers that identifies the Managing Partner. Unless specifically directed otherwise in writing by the joint venture, the Managing Partner's FEIN will be used for payment and tax purposes		
A completed W-9 form if this is the first time the company is conducting business with the Tollway as a Prime Contractor. Please refer to the following link for the most current IRS W-9 form: http://www.irs.gov/pub/irs-pdf/fw9.pdf		
A copy of your IRS Assignment/Acceptance Letter if this is the first time the company is conducting business with the Tollway as a Prime Contractor, or if it has been a long time since you have done work with the Tollway and have never provided the document.		
As applicable to the Contract, Proof of Certification from each firm listed on DBE Form(s) 2025 and or VOSB Form(s) 2025. Please refer to the Special Provision for Disadvantaged Business Enterprise Participation and the Veteran Small Business Participation and Utilization Plan for a list of Certifying Agencies accepted by the Tollway. Proof of Certification includes Original letter of Certification, Certification Certificate, or the company listing in the Certifying Agency's database.		

certified by the Small Business Administration. Only firms certified by the IL-UCP, the City of Chicago, the County of Cook, or the Small Business Administration **at the time of bid opening** are eligible to be considered for contract award to either meet the contract goal or establish the Bidder's good faith efforts to do so.

These directories are to be used as an informational source only. Certification does not mean that a firm is in any way prequalified to provide the products and/or services in its certification specialty. "Certification" means that the ILUCP, the City of Chicago, the County of Cook, or the Small Business Administration has determined, on the basis of information provided and the representations therein, that a business is a *bona fide* DBE. The ILUCP, the City of Chicago, the County of Cook or the Small Business Administration does not, as a result of listing, make any representation concerning the ability of any listed firm to perform work in the specialty listed. The Tollway does not, through its use of and referral to ILUCP DBE, the City of Chicago, the County of Cook MBE/WBE, and the Small Business Administration SBA 8(a) lists, make any representation concerning the ability of any listed firm to perform work in its certification specialty. The Bidder must conduct its own due diligence regarding the capabilities of certified firms to perform the work of thecontract.

6. BIDDING PROCEDURES

Compliance with the bidding procedures of this Special Provision is required as provided in this Special Provision prior to the award of the contract. The failure of the as-read low Bidder to comply will render the bid non-responsive.

6.1 Submission of the Disadvantaged Business DBE Utilization Plan, DBE Form 2026

A Bidder must submit a Disadvantaged Business DBE Utilization Plan on ISTHA DBE Form 2026 **with the bid submission.**

The only exception to this requirement is the case where a prime Bidder is also a DBE, is certified to perform a portion of the contract work as indicated on the DBE's Certification submitted at time of bid, and will meet the DBE goal via a self-performance requirement on the contract greater than or equal to the DBE goal for the contract. If the Bidder is a DBE Joint Venture, each Joint Venture partner must provide the attestation to the DBE Utilization Plan, Form 2026.

Otherwise, if the DBE Utilization Plan is not submitted at time of bid, then the bid will be deemed non-responsive. If the bid is deemed non-responsive due to a failure to submit a DBE Utilization Plan or failure to comply with the bidding procedures set forth herein, ISTHA may elect to cause the forfeiture of the penal sum of the Bidder's bid guaranty, and may deny authorization to bid the project if re-advertised for bids.

The DBE Utilization Plan shall indicate that the Bidder either has obtained sufficient DBE participation commitments to meet the contract goal or demonstrate and document its good faith efforts to meet the goal. The DBE Utilization Plan will also require the name of each DBE firm proposed for use on the contract along with a brief scope of work and dollar amount to be assigned to the DBE. The DBE Utilization Plan shall further provide the name, telephone number, and email address of a responsible official of the Bidder designated for purposes of notification of DBE Utilization Plan approval or disapproval under the procedures of this Special Provision.

Any agreement between a Contractor and a DBE or other subcontractor in which the Contractor requires that the DBE not provide subcontracting quotations to other Contractors is prohibited.

6.2 Submission of the DBE Participation Commitment Statement, DBE Form 2025

The Utilization Plan must be supported by the submission of a detailed DBE Participation Commitment Statement, Form 2025, for each DBE proposed for the performance of work to achieve the contract goal. DBE Form 2025 should be submitted at the time of bid. There is a five (5) day cure period to provide complete and accurate information on the DBE Form 2025 by 5:00 p.m., on the fifth calendar day after bids are due.

The submission of DBE Form 2025 should be via email to constructionbid@getipass.com.

STATE OF ILLINOIS

SPECIAL PROVISION - VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN -CONSTRUCTION

For State Agency/State University Use Only

It is the goal of the State to promote and encourage the continued economic development of small businesses owned and controlled by qualified veterans and that qualified service-disabled veteran-owned small businesses (SDVOSB) and veteran-owned small businesses (VOSB) participate in the State's procurement process as both prime contractors and subcontractors. 30 ILCS 500/45-57.

Contract Goal to be Achieved by Vendor: This solicitation includes a specific **Veteran Small Business** participation goal of 2.00% based on the availability of CMS certified veteran-owned and service-disabled veteran-owned small business (VOSB/SDVOSB) vendors to perform or provide the anticipated services and/or supplies required by this solicitation.

The Veteran Small Business participation goal is applicable to all bids or offers. In addition to the other award criteria established for this solicitation, the Agency will award this contract to a Vendor that meets the goal or makes good faith efforts to meet the goal. This goal is also applicable to change orders and allowances within the scope of work provided by the certified VOSB/SDVOSB vendor. If Vendor is a CMS certified VOSB/SDVOSB vendor, the entire goal is met and no subcontracting with a CMS certified VOSB/SDVOSB vendor is required; however, **Vendor must submit a Utilization Plan indicating that the goal will be met by self-performance.**

The VOSB goal is separate and distinct from the DBE goal. A single firm may not be utilized to achieve credit toward both DBE and VOSB goals on a single project except when the firm is bidding the contract as the Prime Vendor, is certified as both a DBE and VOSB and will commit to meeting the two goals by self-performing the same or greater percentage of work under the contract as the DBE and VOSB goals added together.

Following are guidelines for Vendor's completion of the Utilization Plan. **Please read the guidelines carefully.**

- Utilization Plan (Form 2026) is due with bid
- Good Faith Efforts (Form 2023) is due with bid, if applicable
- Participation Statement (Form 2025) for each Veteran firm listed on the Form 2026 should be submitted at the time of bid. There is a five (5) day cure period to provide complete and accurate information on the VOSB Form 2025. Form 202S by S:00 p.m. on the fifth calendar day after bids are due. In no case should a Contractor remove, replace, or reduce the commitment to a Veteran firm listed in the initial Utilization Plan Form 2026 without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

Vendor should include any additional information that will add clarity to Vendor's proposed utilization of certified Veteran Small Business vendors to meet the targeted goal. The Utilization Plan must demonstrate that Vendor has either: (1) met the entire contract goal; (2) made good faith efforts towards meeting the entire goal; or (3) made good faith efforts towards meeting a portion of the goal. Any submission of good faith efforts by Vendor shall be considered as a request for a full or partial waiver.

At the time of bid or offer, Vendor, or Vendor's proposed Subcontractor, must be certified with CMS as a VOSB or SDVOSB. Failure to complete a Utilization Plan or provide Good Faith Effort documentation shall render the bid or offer non-responsive or not responsible.

1. If applicable where there is more than one prime vendor, the Utilization Plan should include an executed Joint Venture Agreement specifying the terms and conditions of the relationship between the parties and their relationship and responsibilities to the contract. The Joint Venture Agreement must clearly evidence that the certified VOSB/SDVOSB vendor will be responsible for a clearly defined portion of the work and that its responsibilities, risks, profits and contributions of capital, and personnel are proportionate to its ownership percentage. It must include specific details related to the parties' contributions of capital, personnel, and equipment and share of the costs of insurance and other items; the scopes to be performed by the certified

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3531		$ -
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	2316		$ -
*	20100500	TREE REMOVAL, ACRES	ACRE	1.0		$ -
*	20200100	EARTH EXCAVATION	CU YD	20850		$ -
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1805		$ -
*	20400800	FURNISHED EXCAVATION	CU YD	142710		$ -
D1	20800150	TRENCH BACKFILL	CU YD	4186		$ -
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	78914		$ -
*	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	13267		$ -
	25000210	SEEDING, CLASS 2A	ACRE	7.5		$ -
	25000312	SEEDING, CLASS 4A	ACRE	12.25		$ -
	25000320	SEEDING, CLASS 5	ACRE	12.25		$ -
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1056		$ -
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1		$ -
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2354		$ -
	25100630	EROSION CONTROL BLANKET	SQ YD	193741		$ -
	25200110	SODDING, SALT TOLERANT	SQ YD	3492		$ -
	25200200	SUPPLEMENTAL WATERING	UNIT	4423		$ -
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8268		$ -
	28100105	STONE RIPRAP CLASS A3	SQ YD	237		$ -
BDE	28200200	FILTER FABRIC	SQ YD	63		$ -
	28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	36		$ -
*	30201500	LIME	TON	1000		$ -
*	30201600	FLY ASH	TON	1000		$ -
D1	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2383		$ -
D1	30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	10113		$ -
D1	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	87016		$ -
D1	30300116	AGGREGATE SUBGRADE IMPROVEMENT 16"	SQ YD	105		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	110		$ -
D1	31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	54481		$ -
	35102000	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	984		$ -
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	29219		$ -
*	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9686		$ -
	40600535	LEVELING BINDER (HAND METHOD), N70	TON	15		$ -
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	764		$ -
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	407		$ -
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	142		$ -
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1983		$ -
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	1449		$ -
	42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	122		$ -
*	42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	2288		$ -
*	42000406	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SQ YD	8381		$ -
*	42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	30811		$ -
*	42000541	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQYD	515		$ -
	42001300	PROTECTIVE COAT	SQ YD	87756		$ -
*	42100200	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	5992		$ -
*	42100340	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	1460		$ -
*	42100360	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"	SQ YD	662		$ -
*	42100615	PAVEMENT REINFORCEMENT	SQ YD	8114		$ -
*	42101112	LUG SYSTEM COMPLETE 12'	EACH	6		$ -
*	42101416	LUG SYSTEM COMPLETE 16'	EACH	1		$ -
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17354		$ -
	42400800	DETECTABLE WARNINGS	SQ FT	97		$ -
D1	44000100	PAVEMENT REMOVAL	SQ YD	24350		$ -
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	5173		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4689		$ -
	44000600	SIDEWALK REMOVAL	SQ FT	10590		$ -
	44003100	MEDIAN REMOVAL	SQ FT	1470		$ -
	44004250	PAVED SHOULDER REMOVAL	SQ YD	20178		$ -
	44201696	CLASS O PATCHES, TYPE IV, 4 INCH	SQ YD	50		$ -
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	7171		$ -
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1269		$ -
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	2463		$ -
	48203049	HOT-MIX ASPHALT SHOULDERS, 13"	SQ YD	8197		$ -
D1/*	48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SQ YD	18468		$ -
D1/*	48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	55		$ -
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2		$ -
	50102400	CONCRETE REMOVAL	CU YD	668		$ -
	50104400	CONCRETE HEADWALL REMOVAL	EACH	1		$ -
	50104650	SLOPE WALL REMOVAL	SQ YD	289		$ -
	50157300	PROTECTIVE SHIELD	SQ YD	5260		$ -
	50200100	STRUCTURE EXCAVATION	CU YD	13389		$ -
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	1383		$ -
GBSP	50300225	CONCRETE STRUCTURES	CU YD	3474.9		$ -
GBSP	50300255	CONCRETE SUPERSTRUCTURE	CU YD	4630.4		$ -
	50300260	BRIDGE DECK GROOVING	SQ YD	9470		$ -
	50300280	CONCRETE ENCASEMENT	CU YD	43.0		$ -
	50300300	PROTECTIVE COAT	SQ YD	16335		$ -
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	1605.0		$ -
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		$ -
	50500505	STUD SHEAR CONNECTORS	EACH	43728		$ -
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2106230		$ -

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	50800515	BAR SPLICERS	EACH	670		$ -
	50800530	MECHANICAL SPLICERS	EACH	90		$ -
	51100100	SLOPE WALL 4 INCH	SQ YD	3262		$ -
	51201800	FURNISHING STEEL PILES HP14x73	FOOT	14703		$ -
	51202305	DRIVING PILES	FOOT	14703		$ -
	51203800	TEST PILE STEEL HP14x73	EACH	20		$ -
	51204650	PILE SHOES	EACH	452		$ -
	51500100	NAME PLATES	EACH	10		$ -
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	565		$ -
	52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	34		$ -
	52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	17		$ -
	52100520	ANCHOR BOLTS, 1"	EACH	436		$ -
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	68		$ -
	52200010	TEMPORARY SHEET PILING	SQ FT	2790		$ -
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	23894		$ -
	52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	2405		$ -
	52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	12182		$ -
	52200250	UNTREATED TIMBER LAGGING	SQ FT	5694		$ -
BDE	52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	43967		$ -
BDE	54213661	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2		$ -
BDE	54261324	CONCRETE END SECTION, STANDARD 542001, 24", 1:3	EACH	1		$ -
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	825		$ -
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	877		$ -
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	849		$ -
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	655		$ -
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	454		$ -
	550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	993		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	770		$ -
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	498		$ -
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2289		$ -
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1172		$ -
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	367		$ -
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	5		$ -
	550A1050	STORM SEWERS, CLASS A, TYPE 4 36"	FOOT	22		$ -
	55100500	STORM SEWER REMOVAL 12"	FOOT	882		$ -
	55100700	STORM SEWER REMOVAL 15"	FOOT	5		$ -
	55101200	STORM SEWER REMOVAL 24"	FOOT	99		$ -
	55101600	STORM SEWER REMOVAL 36"	FOOT	36		$ -
	55101900	STORM SEWER REMOVAL 48"	FOOT	57		$ -
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	3262		$ -
	58700300	CONCRETE SEALER	SQ FT	20074		$ -
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1777		$ -
*	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	14		$ -
	60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	21		$ -
BDE	60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	663		$ -
	60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	26914		$ -
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	12		$ -
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		$ -
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8		$ -
	60201005	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	2		$ -
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1		$ -
	60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	5		$ -
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	17		$ -
	60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2		$ -
	60207205	CATCH BASINS, TYPE C, TYPE 4 FRAME AND GRATE	EACH	6		$ -
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	6		$ -
	60208210	CATCH BASINS, TYPE C, TYPE 20 FRAME AND GRATE	EACH	5		$ -
BDE	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2		$ -
BDE	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8		$ -
BDE	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2		$ -
BDE	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		$ -
BDE	60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		$ -
BDE	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1		$ -
BDE	60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1		$ -
BDE	60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		$ -
	60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	3		$ -
	60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	4		$ -
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	4		$ -
	60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	4		$ -
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	3		$ -
D1	60250200	CATCH BASINS TO BE ADJUSTED	EACH	26		$ -
D1	60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2		$ -
*	60255410	CATCH BASINS TO BE CLEANED	EACH	6		$ -
D1*	60255500	MANHOLES TO BE ADJUSTED	EACH	42		$ -
D1*	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6		$ -
D1	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	14		$ -
D1*	60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6		$ -
D1	60260100	INLETS TO BE ADJUSTED	EACH	8		$ -
	60270050	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	EACH	20		$ -
	60270055	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES	EACH	1		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	60404910	FRAMES AND GRATES, TYPE 20	EACH	14		$ -
	60404930	FRAMES AND GRATES, TYPE 22	EACH	2		$ -
	60500050	REMOVING CATCH BASINS	EACH	40		$ -
	60500060	REMOVING INLETS	EACH	11		$ -
	60602900	CONCRETE GUTTER, TYPE B	FOOT	1474		$ -
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1550		$ -
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2260		$ -
	60606582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	458		$ -
	60606600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	51		$ -
	60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	36		$ -
	60610900	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	51		$ -
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	6133		$ -
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	2033		$ -
	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	6538		$ -
	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6		$ -
	63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	5		$ -
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6		$ -
	63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1		$ -
	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6		$ -
	63200310	GUARDRAIL REMOVAL	FOOT	7458		$ -
*	63700180	CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT	FOOT	101		$ -
*	63700380	CONCRETE BARRIER, VARIABLE CROSS-SECTION 44" HEIGHT	FOOT	5271		$ -
	63700900	CONCRETE BARRIER BASE	FOOT	101		$ -
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	28425		$ -
	64300260	IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3	EACH	8		$ -
	64301090	ATTENUATOR BASE	SQ YD	14		$ -
	66400205	CHAIN LINK FENCE, 5'	FOOT	50		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	66400305	CHAIN LINK FENCE, 6'	FOOT	4888		$ -
	66401700	CHAIN LINK GATES, 5' X 4' SINGLE	EACH	1		$ -
	66401800	CHAIN LINK GATES, 5' X 5' SINGLE	EACH	1		$ -
	66407200	CHAIN LINK GATES, 5' X 22' DOUBLE	EACH	1		$ -
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	9360		$ -
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	8		$ -
*	66901001	REGULATED SUBSTANCES PRE- CONSTRUCTION PLAN	L SUM	1		$ -
*	66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	400		$ -
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		$ -
BDE	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7800		$ -
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	3449		$ -
BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	161165		$ -
BDE	70300905	PAVEMENT MARKING TAPE, TYPE IV 5"	FOOT	10471		$ -
BDE	70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	39026		$ -
BDE	70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	18827		$ -
BDE	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	10514		$ -
BDE	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	1113		$ -
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	15300.5		$ -
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	27812.5		$ -
*	70400500	TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	1075.0		$ -
	70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	14		$ -
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3		
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	25		$ -
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3		
	72000100	SIGN PANEL - TYPE 1	SQ FT	14		$ -
	72000200	SIGN PANEL - TYPE 2	SQ FT	235		$ -
	72000300	SIGN PANEL - TYPE 3	SQ FT	7837		$ -
	72100100	SIGN PANEL OVERLAY	SQ FT	7		$ -
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	15		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	14		$ -
	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	167		$ -
	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	9160		$ -
	72400800	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	14		$ -
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	14		$ -
	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	52		$ -
	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	7		$ -
	72600100	MILE POST MARKER ASSEMBLY	EACH	3		$ -
	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	13267		$ -
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	36		$ -
	73000100	WOOD SIGN SUPPORT	FOOT	853		$ -
	73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	329		$ -
	73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	155		$ -
	73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	91		$ -
	73302150	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (24" X 5'-6")	FOOT	25		$ -
	73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	64		$ -
	73400100	CONCRETE FOUNDATIONS	CU YD	40.8		$ -
	73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	357.2		$ -
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2		$ -
	73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	3		$ -
	73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	4		$ -
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8		$ -
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8		$ -
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	5		$ -
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16646		$ -
	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	5407		$ -
	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2339		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
					DOLLARS	DOLLARS
BDE	78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	2090		$ -
BDE	78004355	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 5"	FOOT	3400		$ -
	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1353		$ -
	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	35320		$ -
	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	6933		$ -
	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	12980		$ -
	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	6137		$ -
	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	373		$ -
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	607		$ -
	78100300	REPLACEMENT REFLECTOR	EACH	461		$ -
	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	78		$ -
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	1646		$ -
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	405		$ -
D1	80400100	ELECTRIC SERVICE INSTALLATION	EACH	4		$ -
D1	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		$ -
D1	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2221		$ -
D1	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	135		$ -
D1	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	347		$ -
D1	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	3487		$ -
*	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	69		$ -
D1	81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	198		$ -
D1	81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	5495		$ -
D1	81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	3895		$ -
D1	81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	395		$ -
D1	81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	35		$ -
D1	81101000	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL	FOOT	324		$ -
	81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	525		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	46		$ -
	81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	39		$ -
	81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	2		$ -
	81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	3		$ -
D1	81400100	HANDHOLE	EACH	1		$ -
TSC	81400200	HEAVY-DUTY HANDHOLE	EACH	8		$ -
D1	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	6315		$ -
D1	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	17665		$ -
D1	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	933		$ -
D1	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1866		$ -
D1	81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	6635		$ -
O1	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	20060		$ -
D1	81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350 MCM	FOOT	2105		$ -
D1	81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	12450		$ -
D1	81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1413		$ -
D1	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	550		$ -
D1	82110016	LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION I	EACH	74		$ -
D1	82110022	LUMINAIRE, LED, UNDERPASS, WALL MOUNT, OUTPUT DESIGNATION E	EACH	20		$ -
D1	82110027	LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION E	EACH	26		$ -
D1	82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240 VOLT, 30 AMP	EACH	1		$ -
D1	83502900	LIGHT TOWER, 100 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	1		$ -
D1	83504700	LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	13		$ -
D1	83505700	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	2		$ -
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	9.5		$ -
	83700300	LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	25.5		$ -
	83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	293.0		$ -
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	30		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	84200804	REMOVAL OF POLE FOUNDATION	EACH	30		$ -
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1		$ -
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2		$ -
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3		$ -
	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2		$ -
D1	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		$ -
	87200400	SPAN WIRE	FOOT	3334		$ -
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	311		$ -
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	255		$ -
TSC	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2181		$ -
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	368		$ -
D1	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		$ -
TSC/D1	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	16		$ -
	87900200	DRILL EXISTING HANDHOLE	EACH	19		$ -
D1	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2		$ -
D1	88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	2		$ -
D1	88600700	PREFORMED DETECTOR LOOP	FOOT	431		$ -
	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3		$ -
	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1		$ -
	89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1		$ -
	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3		$ -
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	74249		$ -
	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	527		$ -
*	89502380	REMOVE EXISTING HANDHOLE	EACH	14		$ -
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7		$ -
*	X0320025	CLOSED CIRCUIT TELEVISION CABINET, ATTACHED TO STRUCTURE	EACH	1		$ -
*	X0320622	FIELD MEASUREMENTS	L SUM	1		$ -

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*	X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	1862		$ -
GBSP	X0321983	MICRO-PILES	EACH	48		$ -
*	X0322208	TEMPORARY STORM SEWER PLUGS	EACH	5		$ -
*	X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1		$ -
*	X0322400	PILE EXTRACTION	EACH	26		$ -
*	X0322434	LIGHT TOWER, SERVICE PAD, SPECIAL	EACH	16		$ -
*	X0322924	RETAINING WALL REMOVAL	SQ FT	2979		$ -
*	X0322936	REMOVE EXISTING FLARED END SECTIONS	EACH	3		$ -
GBSP	X0323433	MICROPILE PROOF LOAD TEST	EACH	8		$ -
*	X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	15		$ -
TSC	X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	8		$ -
TSC	X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	2		$ -
*	X0324866	REMOVE AND REINSTALL SURVEILLANCE CABINET	EACH	7		$ -
D1	X0325085	TEMPORARY PAVEMENT (INTERSTATE)	SQ YD	9453		$ -
*	X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	1313		$ -
*	X0326133	TEMPORARY WOOD POLE, 45 FEET, CLASS 5	EACH	6		$ -
*	X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, WITH 15 FT. MAST ARM	EACH	9		$ -
*	X0326266	ETHERNET SWITCH	EACH	1		$ -
*	X0326362	CONCRETE BARRIER BASE (SPECIAL)	FOOT	5454		$ -
*	X0326812	CAT 5 ETHERNET CABLE	FOOT	100		$ -
*	X0326838	REMOVE AND REINSTALL VIDEO CAMERA AND EQUIPMENT	EACH	1		$ -
TSC	X0326948	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 50 FT. MOUNTING HEIGHT	EACH	1		$ -
*	X0326949	CLOSED CIRCUIT TELEVISION CAMERA FOUNDATION, 30" DIAMETER	FOOT	7		$ -
*	X0326968	JUNCTION BOX, POLE OR POST MOUNTED	EACH	6		$ -
*	X0327004	TEMPORARY WOOD POLE, 60', CLASS 4	EACH	23		$ -
*	X0327032	TEMPORARY VIDEO DETECTION	EACH	2		$ -
*	X0327131	DRAINAGE STRUCTURES, NO. 1	EACH	3		$ -
BDE	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	84326		$ -

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*	X0327999	ANTI-GRAFFITI COATING	SQ FT	40878		$ -
*	X0350810	BOLLARD REMOVAL	EACH	2		$ -
*	X1400003	TEMPORARY WOOD POLE, 80 FT, CLASS 4, 15 FT. MAST ARM	EACH	34		$ -
TSC	X1400179	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1		$ -
*	X1700084	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	82		$ -
*	X2040805	FURNISHED EXCAVATION (SPECIAL)	CU YD	40000		$ -
BDE	X2700012	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	4592		$ -
D1	X4060002	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	694		$ -
D1	X4060006	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT,12.5, N80	TON	4160		$ -
*	X4400198	CONCRETE BARRIER REMOVAL (SPECIAL)	FOOT	121		$ -
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	24653		$ -
*	X4403800	MEDIAN SURFACE REMOVAL	SQ FT	5760		$ -
GBSP	X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION 400K	EACH	34		$ -
*	X6430110	REMOVE IMPACT ATTENUATORS, SALVAGE	EACH	4		$ -
*	X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	2773		$ -
*	X6640300	CHAIN LINK FENCE REMOVAL	FOOT	2927		$ -
*	X6640310	CHAIN LINK GATES REMOVAL	EACH	1		$ -
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		$ -
D1	X7010240	TRAFFIC CONTROL SURVEILLANCE (SPECIAL)	CAL DA	570		$ -
D1	X7010410	SPEED DISPLAY TRAILER	CAL MO	19		$ -
D1	X7011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	L SUM	1		$ -
D1	X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	700		$ -
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	105485		$ -
*	X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	728		$ -
*	X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	41506		$ -
*	X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	4251		$ -
*	X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	5077		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	16384		$ -
*	X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	7818		$ -
*	X7040650	REMOVE TEMPORARY CONCRETE BARRIER	FOOT	638		$ -
*	X7333095	OVERHEAD SIGN STRUCTURE - SPAN (SPECIAL)	FOOT	190		$ -
*	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	686		$ -
BDE	X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	5051		$ -
*	X8100105	CONDUIT SPLICE	EACH	1		$ -
*	X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	30		$ -
D1	X8131168	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 21" X 11" X 08"	EACH	2		$ -
D1	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1		$ -
D1	X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	2		$ -
*	X8420113	REMOVAL OF UNDERPASS LIGHTING UNIT, SALVAGE	EACH	20		$ -
*	X8440102	RELOCATE EXISTING LUMINAIRE	EACH	1		$ -
TSC	X8710027	FIBER OPTIC CABLE 4 FIBERS, SINGLE MODE	FOOT	1182		$ -
TSC	X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1394		$ -
TSC	X8730246	ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR	FOOT	1217		$ -
TSC	X8730249	ELECTRIC CABLE IN CONDUIT, NO. 19 6/C	FOOT	492		$ -
TSC	X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	2153		$ -
*	X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	1563		$ -
TSC	X8850102	INDUCTION LOOP	FOOT	307		$ -
*	Z0001903	STRUCTURAL STEEL REMOVAL	POUND	19401		$ -
*	Z0004552	APPROACH SLAB REMOVAL	SQ YD	514		$ -
*	Z0010600	CLEANING DRAINAGE SYSTEM	FOOT	3012		$ -
GBSP	Z0012102	CONCRETE BRIDGE DECK SCARIFICATION (3/8 INCH)	SQ YD	7601		$ -
GBSP	Z0012193	BRIDGE DECK THIN POLYMER OVERLAY 3/8"	SQ YD	7601		$ -
D1/*	Z0018400	DRAINAGE STRUCTURE TO BE ADJUSTED	EACH	15		$ -
D1/*	Z0018600	DRAINAGE STRUCTURE TO BE RECONSTRUCTED	EACH	3		$ -
D1	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	400		$ -

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D1	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	24		$ -
BDE	Z0034105	MATERIAL TRANSFER DEVICE	TON	4854		$ -
GBSP	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	545		$ -
GBSP	Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	622		$ -
D1	Z0062456	TEMPORARY PAVEMENT	SQ YD	556		$ -
*	Z0073346	SLEEPER SLAB	SQ YD	90		$ -
*	JI211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3504		$ -
*	JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	120		$ -
*	JI213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	160		$ -
*	JI282010	SUBGRADE FILTER FABRIC	SQ YD	11414		$ -
*	JI312022	STABILIZED SUBBASE - WMA, 3"	SQ YD	4207		$ -
*	JI312024	STABILIZED SUBBASE - WMA, 4"	SQ YD	1129		$ -
*	JI406107	ASPHALT TACK COAT	POUND	490		$ -
*	JI420010	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQ YD	3123		$ -
*	JI440010	CONCRETE MEDIAN BARRIER AND BASE REMOVAL	FOOT	38		$ -
*	JI481040	AGGREGATE SHOULDERS, TYPE B	TON	97		$ -
*	JI481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	256		$ -
*	JI482104	WARM-MIX ASPHALT SHOULDERS (8 IN.)	SQ YD	4338		$ -
*	JI482112	WARM-MIX ASPHALT SHOULDERS (9 IN.)	SQ YD	48		$ -
*	JI483400	PORTLAND CEMENT CONCRETE SHOULDERS (JOINTED) 9"	SQ YD	55		$ -
GBSP	JI503020	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	481		$ -
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	118		$ -
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4340		$ -
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	10		$ -
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	6		$ -
*	JI606015	GUTTER, TYPE G-2, MODIFIED	FOOT	1226		$ -
*	JI630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 9 FOOT POSTS	FOOT	975		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	1		$ -
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1		$ -
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1		$ -
*	JI637003	CONCRETE BARRIER, DOUBLE FACE, 42 INCH	FOOT	20		$ -
*	JI637013	CONCRETE BARRIER BASE, VARIABLE HEIGHT	FOOT	86		$ -
*	JI637014	CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT	FOOT	19		$ -
*	JI637015	CONCRETE BARRIER, DOUBLE FACE, REINFORCED, VARIABLE HEIGHT	FOOT	26		$ -
*	JI637016	CONCRETE BARRIER, DOUBLE FACE, REINFORCED, VARIABLE HEIGHT, TRANSITION	FOOT	58		$ -
*	JI637052	CONCRETE BARRIER BASE, 7'	FOOT	20		$ -
*	JI637056	CONCRETE BARRIER BASE, VARIABLE HEIGHT, 7'	FOOT	19		$ -
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	1932		$ -
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	1		$ -
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	4		$ -
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	2		$ -
*	JI680120	SLOPED HEADWALL, TYPE III, 6", 1:3	EACH	4		$ -
*	JI680122	SLOPED HEADWALL, TYPE III, 15", 1:3	EACH	1		$ -
*	JI680125	SLOPED HEADWALL, TYPE III, 24", 1:3	EACH	2		$ -
*	JI680130	SLOPED HEADWALL, TYPE III, 6", 1:4	EACH	4		$ -
*	JI704000	TEMPORARY CONCRETE BARRIER	FOOT	4525		$ -
*	JI704005	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1688		$ -
*	JI782012	GUARDRAIL BARRIER DELINEATOR, REFLECTOR MARKER, TYPE B	EACH	13		$ -
*	JI782020	CONCRETE BARRIER DELINEATOR, REFLECTOR MARKER, TYPE C	EACH	47		$ -
*	JI782110	TERMINAL MARKER - DIRECT APPLIED	EACH	1		$ -
*	JI811280	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	30		$ -
*	JI821105	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8		$ -

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*	JI821114	TEMPORARY LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION J	EACH	34		$ -
*	JI986040	ELECTRIC CABLE NO. 18, 1-3 PAIR, TWISTED, SHIELDED	FOOT	1563		$ -
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	1474		$ -
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	12		$ -
**	JS120710	ENERGY ATTENUATOR	EACH	1		$ -
**	JS120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	115		$ -
**	JS250220	SEEDING, CLASS 2E	ACRE	0.25		$ -
**	JS250305	SEEDING, CLASS 3E	ACRE	2.75		$ -
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	24		$ -
**	JS280050	SILT FENCE	FOOT	17485		$ -
**	JS280051	RE-ERECT SILT FENCE	FOOT	3493		$ -
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	2403		$ -
**	JS280100	SUPER SILT FENCE	FOOT	480		$ -
**	JS280150	TEMPORARY STABILIZATION WITH STRAW MULCH	ACRE	18.5		$ -
**	JS280151	SAME-DAY STABILIZATION	SQ YD	26303		$ -
**	JS280180	RECTANGULAR INLET PROTECTION	EACH	53		$ -
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	189		$ -
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	524		$ -
**	JS670C00	FIELD OFFICE, TYPE C	CAL MO	24		$ -
**	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1		$ -
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1		$ -
**	JS733060	OVERHEAD SIGN STRUCTURE, SPAN TYPE (ALUMINUM) (60 FT)	FOOT	60		$ -
**	JS733100	OVERHEAD SIGN STRUCTURE, SPAN TYPE (ALUMINUM) (100 FT)	FOOT	100		$ -
**	JS733B30	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOOT	30		$ -
**	JS733610	OVERHEAD SIGN STRUCTURE, AET RAMP ENTRANCE MONOTOBE TYPE (STEEL)	FOOT	39		$ -
**	JS733630	OVERHEAD SIGN STRUCTURE, AET RAMP EXIT MONOTOBE TYPE (STEEL)	FOOT	39		$ -
**	JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	189.4		$ -
**	JS734B10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE	CU YD	40.0		$ -

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**	JS734F10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, RAMP MONOTUBE TYPE	CU YD	52		$ -
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	190		$ -
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	165		$ -
**	JS810881	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 6" DIA.	FOOT	420		$ -
**	JS812023	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2160		$ -
**	JS812027	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	330		$ -
**	JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	3		$ -
**	JS816072	UNIT DUCT, WITH 2-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	90		$ -
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	575		$ -
*	JS817014	ELECTRIC CABLE IN CONDUIT NO. 14 3/C	FOOT	1583		$ -
**	JS817214	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2455		$ -
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	9520		$ -
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	11		$ -
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	1		$ -
**	JS830014	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	10		$ -
**	JS836001	LIGHT POLE FOUNDATION (ROADWAY) STEEL HELIX (7 FT) OR CONCRETE	EACH	1		$ -
**	JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1		$ -
*	JT131526	PLAZA ELECTRICAL WORK	L SUM	1		$ -
*	JT131641	PREFABRICATED CONTROL BUILDING, LOCATION 1	L SUM	1		$ -
*	JT131651	CONTROL BUILDING FOUNDATION, LOCATION 1	L SUM	1		$ -
*	JT132700	VES CAMERA HIGH PRESSURE WASH SYSTEM	L SUM	1		$ -
*	JT135100	CONCRETE FILLED PIPE BOLLARDS	EACH	3		$ -
TSC	JT160192	FIBER OPTIC INNERDUCT 1" DIA.	FOOT	648		$ -
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	5043		$ -
*	JT421380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT AND SHOULDER (SPECIAL)(12 IN.)	SQ YD	191		$ -
*	JT421980	PAVEMENT REINFORCEMENT (12 IN.)	SQ YD	191		$ -
*	JT421999	PLAZA PAVEMENT GROOVING (LONGITUDINAL)	SQ YD	191		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
GBSP	JT525125	BONDED PREFORMED JOINT SEAL, 2IN.	FOOT	62		$ -
GBSP	JT570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1		$ -
GBSP	JT570P52	PERFORMANCE BASED RETAINING WALL, LOCATION 2	L SUM	1		$ -
*	JT599040	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ FT	16907		$ -
*	JT599P01	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1	L SUM	1		$ -
*	JT599P02	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 2	L SUM	1		$ -
*	JT599P03	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 3	L SUM	1		$ -
*	JT599P04	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 4	L SUM	1		$ -
*	JT637050	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE BARRIER, 42 INCH	FOOT	1601		$ -
*	JT637054	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE, 44 INCH	FOOT	453		$ -
*	JT637056	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE, L-SHAPE, 44 INCH	FOOT	1511		$ -
*	JT637058	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE BARRIER, 54 INCH	FOOT	116		$ -
*	JT637100	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 42"	FOOT	1601		$ -
*	JT637110	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 44"	FOOT	453		$ -
*	JT637115	CONCRETE BARRIER, SINGLE FACE, REINFORCED, L-SHAPE, 44"	FOOT	1511		$ -
*	JT637120	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 54"	FOOT	116		$ -
*	JT640002	SNOW PROTECTION FENCE (SPECIAL)	FOOT	16		$ -
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	330		$ -
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	425		$ -
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	130		$ -
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	32		$ -
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	10		$ -
*	JT701035	SUPPLEMENTAL MAINTENANCE OF TRAFFIC	DAY	70		$ -
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	50		$ -
*	JT701200	PORTABLE CHANGEABLE MESSAGE SIGN	CAL DAY	130		$ -
*	JT701210	PORTABLE CHANGEABLE MESSAGE SIGN	WEEK	32		$ -
*	JT701220	PORTABLE CHANGEABLE MESSAGE SIGN	CAL MO	10		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	JT720110	SIGN INSTALLATION, TYPE 2	SQ FT	240		$ -
*	JT720120	SIGN INSTALLATION, TYPE 3	SQ FT	5755		$ -
*	JT733950	MODIFY OVERHEAD SIGN STRUCTURE, SPAN TYPE	L SUM	1		$ -
*	JT780300	MULTI-POLYMER PAVEMENT MARKING - LINE 4"	FOOT	9613		$ -
*	JT780310	MULTI-POLYMER PAVEMENT MARKING - LINE 6"	FOOT	1206		$ -
*	JT780320	MULTI-POLYMER PAVEMENT MARKING - LINE 10"	FOOT	3818		$ -
*	JT780325	MULTI-POLYMER PAVEMENT MARKING - LINE 12"	FOOT	734		$ -
*	JT780JA1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE	FOOT	9613		$ -
*	JT780JC1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE	FOOT	1206		$ -
*	JT780JE1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE	FOOT	3818		$ -
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	267		$ -
*	JT810874	UNDERGROUND CONDUIT, COILABLE NONMETALIC CONDUIT, SDR 11. 1 1/2" DIA.	FOOT	1260		$ -
*	JT900088	SETTLEMENT MONITORING	CAL MO	9		
*	JT900521	EMBANKMENT MODIFICATION	CU YD	10000		$ -
						$ -
						$ -
					TOTAL AMOUNT OF CORE WORK	$ -
*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	$ 1,168,000.00	$ 1,168,000.00
*	JT154001	PAVEMENT PATCHING AND TRAFFIC CONTROL	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154004	SAWCUTTING AND REMOVAL OF EDGE OETERIORATION REPAIR	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154005	EMERGENCY PAVEMENT AND SHOULDER REPAIRS	UNIT	20000	$ 1.00	$ 20,000.00

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*	JT154006	TEMPORARY IMPACT ATTENUATOR REPLACEMENT/REPAIR	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154007	TEMPORARY CONCRETE BARRIER WALL REPLACEMENT/REALIGNMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	30000	$ 1.00	$ 30,000.00
*	JT154009	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND MAINTENANCE	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154045	CONTRACT ALLOWANCE FOR COLD WEATHER PAVEMENT MARKINGS	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154067	CONTRACT ALLOWANCE FOR CONSTRUCTIONWORKS APPRENTICES	UNIT	100000	$ 1.00	$ 100,000.00
*	JT154078	CONTRACT ALLOWANCE FOR ILLINOIS STATE POLICE SERVICES	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154112	ALLOWANCE FOR ADDITIONAL ELECTRICAL AND COMMUNICATION WORK	UNIT	10000	$ 1.00	$ 10,000.00
*	JT154150	ALLOWANCE FOR STEEL COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154160	ALLOWANCE FOR FUEL COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154161	ALLOWANCE FOR BITUMINOUS MATERIALS COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154168	ALLOWANCE FOR HAUL ROAD MAINTENANCE	UNIT	40000	$ 1.00	$ 40,000.00
*	JT155100	COMMUNITY HIRING INCENTIVE	HOURS	100000	$ 1.00	$ 100,000.00
*	999ADJ45	CONSTRUCTIONWORKS APPRENCTICES WAGE RATE PAYMENT	HOUR		$ 15.00	$ -
	999NEG31	DAMAGE TO ELECTRICAL FACILITIES PER TOLLWAY SUPPL. SPEC. 107.30(b)	INC/DAY		$ (1,000.00)	
	999NEG32	LIQUIDATED DAMAGES FOR DELAY IN SUBMITTAL OF PROGRESS SCHEDULE PER S.P. 108.02 (e)	DAY		$ (300.00)	
	999NEG33	NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 (b)(1)	INC/DAY		SEE NOTE 1	
	999NEG35	FAILURE TO RESPOND TO REGULATORY AGENCY REQUESTS, PER TOLLWAY SUPPL. SPEC. 280.02 (b) (2)	OCCUR		$ (25,000.00)	
	999NEG36	FAILURE TO COMPLY WITH OCCUPANCY DATE OR PROVIDE COMPLETE FACILITIES. FIELD OFFICE OR LAB PER STD. SUPPL. SPEC. 670.01 (b)	DAY		$ (500.00)	
	999NEG37	NON-COMPLIANCE WITH TOLLWAY MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(1)	INC/DAY		$ (2,500.00)	
	999NEG38	FAILURE TO RESPOND TO RE-ESTABLISH DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(2)	OCCUR		$ (2,500.00)	
	999NEG39	FAILURE TO RESPOND TO REPAIR IMPACT ATTENUATORS PER TOLLWAY SUPPL. SPEC. 701.01 (b)(3)	OCCUR		$ (2,500.00)	
	999NEG40	LOSS OR DAMAGE TO TOLLWAY OWNED DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(4)	SQ. FT.		$ (100.00)	
	999NEG41	NON-COMPLIANCE WITH IDOT MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b) (5)	INC/DAY		$ (2,500.00)	
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL. DAY		$ (12,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL. DAY		$ (12,000.00)	
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.3	CAL. DAY		$ (12,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		$ (10,000.00)	

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION
AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	999NEG53	NON-COMPLIANCE WITH CONTRACTOR QUALITY PROGRAM SPECIAL PROVISION	OCCUR		$ (1,000.00)	
TSC		LIQUIDATED DAMAGES FOR IDOT TSC COMMUNICATIONS INTERUPTION PER SPECIAL PROVISION FOR "TEMPORARY AERIAL CABLE WITH MESSENGER WIRE (FIBER OPTIC NO. 62.5/125 96F) "	HOUR		$ (5,000.00)	
D1		ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TD TRAFFIC	15 MINUTES		$ (3,000.00)	
D1		TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		$ (5,000.00)	
D1		FAILURE TO MAINTAIN THE TRAFFIC SIGNAL INSTALLATION IN PROPER CONDITION PER MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION SPECIAL PROVISION	INC/DAY		$ (5,000.00)	
				TDTAL AMOUNT OF CONTINGENCY WORK + CONTRACTOR'S QUALITY PROGRAM (CQP)		$ 1,688,000.00

TOTAL AMOUNT OF CORE WORK + TOTAL AMOUNT OF CONTINGENCY WORK + CONTRACTOR'S QUALITY PROGRAM = TOTAL AMOUNT OF BASE BID	
ECP BID CREDIT	
AWARD CRITERIA	

Note 1: The deduction will be according to Article 280.02 (b) (1) Table A. The Contractor should leave the unit price blank.

Special Provison Legend:

*	INDICATES SPECIAL PROVISION
**	INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATION
***	INDICATES IDOT RECURRING/SUPPLEMENTAL SPECIAL PROVISIONS
BDE	INDICATES IDOT BDE SPECIAL PROVISIONS
D1	INDICATES IDOT DISTRICT 1 SPECIAL PROVISIONS
GBSP	INDICATES IDOT OR TOLLWAY GUIDE BRIDGE SPECIAL PROVISIONS
TSC	INDICATES IDOT TRAFFIC SYSTEMS CENTER SPECIAL PROVISIONS

CONTRACT I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING
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S.P. 103.2 SUBSTANTIAL COMPLETION DATE

The Contractor shall have completed all roadway and bridge work, shoulder work, installation of permanent pavement markings, installation of permanent signing, installation of permanent lighting and establishment of the traffic lanes to the final proposed traffic lane configuration such that permanent lane closures are no longer required under this Agreement for the performance of Contract I-19-4464 on or before 11:59 p.m. on **October 29, 2021.**

S.P. 103.3 INTERIM COMPLETION DATE

The Contractor shall implement I-57 Winter Stage Traffic Control as depicted in the plans on or before **December 1, 2020.**

S.P. 104 NOTICE TO PROCEED/COMMENCEMENT OF ON-SITE WORK

In accordance with Article 103.08 of the Illinois Tollway Supplemental Specifications, it is anticipated the Notice to Proceed will be issued after the Contract is approved by all parties; including a work commencement date no earlier than **January 23, 2020**. The Illinois Tollway will not issue the Notice to Proceed until all documents required by the Contract, including bonding and insurance requirements, are submitted by the Contractor and approved by the Illinois Tollway. A Time Extension Request shall not be considered should the Notice to Proceed be delayed due to the failure of the Contractor to submit contract documents in compliance with the specified requirements. There shall be no damages or additional compensation due the Contractor for delays, if any, in issuing the Notice to Proceed.

S.P. 104.1 WORK RESTRICTION

The Contractor will not have access to I-57 and Ramp L for the purpose of beginning work until **June 1, 2020**.

S.P. 105 LIQUIDATED DAMAGES FOR DELAY(S) AND INCENTIVE PLAN(S)

S.P. 105.1 Liquidated Damages

S.P. 105.1.1 Liquidated Damages for Non-Completion Per S.P. 103.1

In accordance with the provisions of Article 108.09 of the Illinois Tollway Supplemental Specifications, the Contractor shall pay to the Illinois Tollway the sum of **$12,000.00** per day, as liquidated damages for each and every calendar day beyond the Completion Date stipulated in S.P. 103.1 that the work, or any part thereof, remains incomplete.

S.P. 105.1.2 Liquidated Damages for Non-Completion Per S.P. 103.2

In accordance with the provisions of Article 108.09 of the Illinois Tollway Supplemental Specifications, the Contractor shall pay to the Illinois Tollway the sum

The following Illinois Tollway projects in the vicinity of Contract I-19-4464 may be under construction during the term of this Contract:

I-18-4433, INTERSTATE I-57 MEDIAN CONSTRUCTION AND RAMP L
MP 350.0 TO MP 351.5 (I-57)
MP 8.0 (I-294) TO MP 349.5 (I-57)

I-19-TBD5
I-294 WIDENING
RAMP C FLYOVER, DIXIE CREEK BRIDGE, RAMP F2 AND RAMP D

S.P. 106.4 COORDINATION WITH THE METROPOLITAIN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

For construction on or adjacent to Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) property, the Contractor will be required to contact the MWRDGC, as listed below, to coordinate construction operations with MWRDGC maintenance access to their facility. Unrestricted 24-hour access shall be provided to MWRDGC, and the existing sludge line air relief and blow-off structures shall remain accessible at all times. The Contractor shall notify the Engineer 14 days prior to performing work. The Engineer or Corridor Construction Manager will notify the MWRDGC of the start work by contacting the following individuals:

Matt Jurjovec
847-375-2502
jurjovecm@mwrd.org

Kathy Lai-plant manager
(847) 375-2501
laik@mwrd.org

Kirie Water Reclamation Plant
701 West Oakton Street
Des Plaines, Il 60018-1845

The Contractor is responsible for meeting all requirements of the IllinoisTollway's Intergovernmental Agreement with the MWRDGC in connection therewith:

Metropolitan Water Reclamation District of Greater Chicago
111 E. Erie, Suite # 4
Chicago, IL 60611
Mr. Joseph Schuessler
Principal Civil Engineer
312-751-3236

S.P. 106.5 COORDINATION WITH THE MOUNT PROSPECT PARK DISTRICT

The Contractor shall notify the Engineer 14 days prior to performing work on the MWRDGC right of way at the Majewski Reservoir site. The Engineer or Corridor Construction Manager will notify the Mount Prospect Park District (MPPD) of the start of work by contacting the following individual:

Jim Jarog
Director of Parks & Planning
Mount Prospect Park District
1000 W Central Road
Mount Prospect, IL 60056
1-847-255-5380 X-253

The Contractor will be required to provide the Engineer with a copy of the Certificate of Insurance listing the MPPD as an additional insured upon request.

S.P. 107 INSURANCE

This provision supplements Article 107.27 of the Illinois Tollway Supplemental Specifications.

J. ADDITIONAL INSURED PROTECTION

The work under this contract includes work upon, above, adjacent to and/or along the right-of-way and facilities of Illinois Department of Transportation (IDOT), the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC), the Village of Posen, the Village of Dixmoor, the Mount Prospect Park District and the City of Harvey. The Contractor's Insurance coverage, required by and in conformance with Article 107.27(j) of the Illinois Tollway Supplemental Specifications, shall include the agencies specified herein, its agents and employees as additional insureds, or provide a separate owner's protective policy of equal limits of coverage for each agency.

S.P. 107.1 ENGINEERING PROFESSIONAL LIABILITY

Engineering Professional Liability insurance shall be maintained during the duration of the contract and then provide a discovery period of no less than 5 years after project completion. The discovery period requirement may be met by either an endorsement to the Engineering Professional Liability policy indicating the 5-year discovery period or, alternatively, a letter from the Engineering Professional warrantying that Engineering Professional Liability insurance shall be maintained continuously for a period of not less than five years after project completion. The policy may be written on a claims-made basis. Insurance documentation is required of the engineering firm providing the actual design or calculations. Primary

professional liability for the engineering firm should be for a minimum of $2 million per claim and in aggregate.

Below is a listing of the items which require Engineering Professional Liability Insurance for general information only. The list is not intended to be all-inclusive and, therefore, the Contractor is required to provide Engineering Professional Liability Insurance for all items, temporary or permanent, for which the Contractor is responsible for submitting plans, shop drawings, calculations or any other design element requiring a Professional Engineer or Structural Engineer stamp.

Pay Item No.	Description
X0321963	MICRO-PILES

- Ramp C, H and L And I-294 Overhead Sign Structures

S.P. 120 AVAILABLE REPORTS

- MWRDGC Permit
- I-57 NB and SB plans for rehabilitation in 2002
- Contract I-18-4433 plans
- Contract I-12-4066 retaining wall shop drawings for retaining walls

S.P. 121 ELECTRONIC DATA FILES AVAILABLE

Computer Aided Design & Drafting (CADD), Digital Terrain Model (DTM) and Triangulated Irregular Network (TIN) files developed for this project are available on the Illinois Tollway's online plan room. The Illinois Tollway does not guarantee the accuracy of the below listed files, and the Contractor is responsible to perform all work according to the Plans, Special Provisions and the Standard Specifications. Upon downloading any of listed the electronic files from the online plan room the Contractor agrees the data is not a portion of the contract documents and are for information only, thus the Illinois Tollway shall not be liable for the completeness or accuracy of that data, and any discrepancies between these files and the contract documents are not grounds for claims for compensation or delays.

The Contractor agrees to defend, hold harmless and indemnify the Illinois Tollway, its officers, directors, employees, agents, and consultants from any and all claims resulting from, or in any way related to the use or modification of electronic data and files provided hereunder, by the Contractor, or by any third party obtaining the listed files.

File Name	Description
DW_4464NB	Northbound Models – 40 files
DW_4464SB	Southbound Models -25 files
various	Existing topo, alignment, structures, ROW, profiles -18 files

S.P. 122 COMMITMENTS

Not Used

S.P. 123 CONTRACT BOND

Not Used

S.P. 124 SUBLETTING OF ASSIGNMENT OF CONTRACT

Not Used

S.P. 125 RESERVED

S.P. 126 QUALIFICATIONS AND CERTIFICATIONS

Not Used

REMOVE AND REINSTALL VIDEO CAMERA AND EQUIPMENT

This work consists of furnishing all necessary equipment, materials, labor, traffic control (as required), and coordination to temporarily relocate (remove, store and reinstall on a temporary foundation) the existing I-57 interchange surveillance camera and pole owned and operated by the Illinois Department of Transportation-Traffic Systems Center (IDOT-TSC) and to re-establish its function to the satisfaction of the Engineer and IDOT-TSC. The camera relocation is depicted on the plans. Cameras are to remain operational as long as possible during construction through the use of cabinet connections to temporary aerial cable

Installation Details
The Contractor shall contact the TSC Engineer at (708) 524-2145, 7 days prior to any work. The TSC Engineer will provide a wiring diagram for the existing camera.

Prior to initiation of removal operations along I-57, the surveillance cabinet shall be temporarily connected to aerial cable as indicated in the Existing Surveillance Plans. Removal operations in the vicinity of the camera shall be scheduled so as to maintain surveillance and camera function in a manner to minimize the time the cameras are out of service.

Prior to initiation of the existing camera foundation removal along I-57, the surveillance camera and any other essential hardware shall be removed from the existing mounting pole. This equipment shall include any loose items and/or any items which may be damaged during transport. This equipment shall be packaged separately and stored at a location approved by the Traffic Systems Center Engineer. Any damage shall be repaired or replaced at the Contractor's expense to the satisfaction of the T.S.C. Engineer. The aluminum pole shall be salvaged and removed to a secure storage location for reinstallation at the camera final location.

The Contractor shall submit the proposed location of the camera and details to the Engineer for approval two weeks in advance of the planned foundation layout. The contractor shall verify the dimensions and mounting bracket of the existing pole and construct a foundation according to the applicable requirements of section 836 and of the Standard Specifications, a temporary helix foundation will also be acceptable. Breakaway devices shall be provided according to the applicable requirements of section 838 of the Standard Specifications.

After the pole is reinstalled, the camera and associated hardware shall be relocated to the new location. Power and signal cables shall be re-established with temporary lines.

After the new, permanent camera is installed nearby, this camera may be removed from service.

Method of Measurement. This work will be measured for payment in place, in units of each. Foundation and ground rod will be included in this item and will not be measured separately

Basis of Payment. Relocation of the existing surveillance camera will be paid for at the contract unit price per each for REMOVE AND REINSTALL VIDEO CAMERA AND EQUIPMENT. Disconnecting existing wiring, temporary connections, removing the pole, preparation for safe transport, storage, installation of the relocated pole, new foundation,

ground rod, and reconnection of temporary power and signal cables for the relocated camera shall be included in the cost of this item.

Pay Item Number	Designation	Unit of Measure
X0326836	REMOVE AND REINSTALL VIDEO CAMERA AND EQUIPMENT.	EACH

REMOVAL OF UNDERPASS LIGHTING UNIT, SALVAGE

Description: This work shall consist of removing an existing underpass luminaire in accordance with the applicable portions of Section 842 of the Standard Specifications for Road and Bridge Construction and as directed by the Engineer.

The removed lighting unit shall be salvaged to IDOT maintenance. This coordination should be made with the IDOT Electrical Maintenance Section at 708-524-2145.

Basis of Payment: This work will be paid for at the contract unit price per each for REMOVAL OF UNDERPASS LIGHTING UNIT, SALVAGE, which shall be payment in full.

Pay Item Number	Designation	Unit of Measure
X8420113	REMOVAL OF UNDERPASS LIGHTING UNIT, SALVAGE	EACH

PLAZA ELECTRICAL WORK

Description. This work shall consist of furnishing and performing all operations necessary for the complete installation and execution of the PLAZA ELECTRICAL WORK for the remote toll zone, as well as control building, as shown on the contract plans (Plans) and hereinafter specified, complete and operational in every respect. All electrical work at the remote toll plaza, including the connections between the building and the toll zone as well all electrical work for all electronic tolling equipment on monotubes for the tolling zone shall be included in this pay item.

Also included in this pay item shall be all fiber optic and ITS power lateral conduits to the inside of toll plaza control buildings from nearest outside power and communication handholes on the duct bank.

Wiring of roadway lighting poles connected to Plaza uninterruptible power supply (UPS) circuit, as shown on plan sheets shall be part of Plaza Electrical Work. The cost of wiring shall be paid under this special provision. The cost of light poles, mast arms, luminaires, or light pole foundations shall not be included in the cost of this pay item.

Apparatus, appliances, material or work not shown on the Plans, but mentioned in these special provisions, or vice versa, or any incidental accessories necessary to make the plaza electrical work complete and ready for operation, even though not specified or shown on the Plans shall be furnished and installed by the Contractor under this pay item at no additional cost to the Illinois Tollway.

Materials. The main components of the plaza electrical work are as described below. All other ancillary items required for a fully functional and complete installation are included as part of the work under this special provision. Materials and installations shall conform to the applicable Codes and Standards.

The following equipment will be furnished and installed by the Illinois Tollway:

- Automatic Toll Collection and Violation Equipment (including treadle sensors).
- VES Camera Housings
- VES Cameras and Computers
- Data Logger Computer
- I-PASS Readers
- I-PASS Antenna
- Loops. Details include, but are not limited to, the following:
    1. Saw cuts for IDRIS and Main Loops
        a. Installation of all loops back to the barrier wall junction boxes
        b. Splicing of all loop to loop lead-in cables inside the barrier wall junction boxes

The following equipment shall be furnished and installed by the Contractor:

- All Power and Communication Conduit Runs, Fittings, and Bushings
- All Wires and Cables – 600 Volt
- All Special Cables and Associated Hardware (if required)
- All Enclosures for Electrical Equipment and Fittings
- All Pull Boxes and Junction Boxes

- All Outlet Boxes
- All Wiring Devices
- All Cable Trays-Fiberglass
- All Panelboards
- All Building Lighting Fixtures
- A Card Access System
- A Fire Alarm System
- An Uninterruptible Power Supply (UPS) System
- All Equipment Racks
- A Data logger Camera Video Power Junction Box
- A Data logger Camera, Video System, Fiber Optic and Network Equipment
- A Data logger Camera pole, foundation and grounding
- A Front and Rear Violation Enforcement System (VES) Camera Video Power Junction Box
- Security Video Camera System
- All Electrical Identification
- A Reader Enclosure
- All Power and Communication Cable Runs (as shown on the Plans)
- All underground raceways and other infrastructure, as shown on the contract plans, for connectivity to the Illinois Tollway fiber backbone at the remote toll plaza building
- A complete Grounding Electrode System
- All VES Camera Power and Communication Cabling
- All VES Camera Power Supplies
- All Automatic and Manual Bypass Switches
- All Electrical Testing
- All Loop Lead-in Cabling run from inside the toll plaza to the barrier wall junction boxes
- All I-Pass Antenna Cabling and Mounting Hardware
- All I-Pass Antenna Cable Connectors (connectors to be installed by Illinois Tollway)
- All Fiber Optic Patch Panels and Connector Housing
- Wiring of light poles connected to plaza UPS system.

The following are the specific materials for the components described above:

Conduit, Fittings, and Bushings

- Galvanized Rigid Steel (GRS) Conduit. GRS conduit shall be heavy wall type, hot-dipped galvanized with zinc-coated threads, and must be Underwriters' Laboratory (UL) labeled. GRS conduit and couplings shall be threaded, rigid steel, hot-dipped galvanized. The GRS conduit shall meet the requirements of Section 810 of the Standard Specifications. Acceptable manufacturers shall be Allied Tube & Conduit, Republic Conduit, Wheatland Tube Company, or approved equal.
- PVC Coated GRS Conduit. PVC coated rigid steel conduit, including elbows and couplings, shall meet the requirements of Section 810 of the Standard Specifications. Acceptable PVC coated manufacturers shall be Robroy Industries or approved equal.
- Rigid Nonmetallic Conduit. The conduit, fittings, and accessories shall be manufactured from polyvinyl chloride complying with ASTM D 1784 and with all applicable

The Bypass Switch shall be Powerware/Best model number BPE-01-MBB-1A.

Equipment Racks

- The Contractor shall provide three (3) 4-post equipment racks in the remote toll plaza building, as shown on the Plans.
- The equipment racks shall be heavy duty steel 4-post equipment racks, gray, and shall be provided with two (2) 12-outlet power strip.

Acceptable manufacturers shall be Cooper B-line, model number SB837090CFB, or approved equal.

Data Logger Camera and Security Camera Video Power Junction Box

- Each data logger camera video junction box shall be equipped with a Power over Ethernet (PoE) mid-span injector, Category 6 line surge protection device, and ground bar as shown on the Plans and specified herein.
- Each security camera video junction box shall be equipped with a Power over Ethernet (PoE) mid-span injector, Category 6 line surge protection device, and ground bar as shown on the Plans and specified herein.
- Enclosures shall be 20" x 16" x 8" single door, NEMA Type 1 with back panel. Enclosures shall be Hoffman model number A-20N16BLP with back panel model number A-20N16MP, or approved equal.
- PoE mid-span injector for Data Logger Camera system shall be rated 60 watts with 120 volts primary and shall be Axis Communications model number T8134, no substitutions allowed.
- PoE mid-span injector for Security Camera system shall be rated 30 watts with 120 volts primary and shall be Axis Communications model number T8133, no substitutions allowed.
- Surge protection device for the Category 6 (CAT-6) line shall be Axis Communications model number T8061.
- Ground bar shall be Hoffman model number PG2SK, or approved equal.
- Panel wiring shall be size 12 AWG stranded copper with Type SIS cross-linked polyethylene insulation.
- A laminated plastic nameplate with 3/8 inch black letters on a white background shall be installed on the front of each junction box, and laminated plastic nameplates with 1/4 inch black letters on white background shall be installed at terminal blocks with self-tapping stainless steel screws.
- Each video junction box shall be assembled in accordance with the details shown on the Plans.
- One (1) Digital Logger DIN Relay IV in each toll plaza building.
- CAT 6 Jumper cables as needed.

Data Logger Camera Video System, Fiber Optic and Network Equipment

- The Contractor shall furnish and install data logger camera(s) including associated

power supplies.

- Data Logger Camera Assemblies. Each data logger PTZ camera assembly shall consist of the following items:
  1. An Axis Q-60 Series dome camera. Axis model number Q6055-E.
  2. All pole mounting attachments and accessories as recommended by Axis (T91L61 arm).
  3. The dome camera assembly shall include a 1080p IP color camera, 32X optical/12X digital zoom lens, pan/tilt and receiver in an environmentally sealed pendant enclosure. The enclosure shall be suitable for extremely low temperature operation (-40°C).
  4. Axis high Power over Ethernet (PoE) 60 watts midspan injector. Axis model number T8134. The injector will be used to power and communicate with the Axis data logger camera. The PoE injector shall be installed inside the video power junction box in the toll plaza building.
  5. Veracity Outreach Max XT device when the distance from the PoE Injector and the IP camera is greater than 300 feet. The Contractor shall include a small stainless steel enclosure to mount and terminate the Outreach Max XT device.
  6. The total distance shall be no greater than 600 feet with the intention of placing the Outreach device in the middle of the path.
- Fiber Optic Cable. Fiber optic cable shall be single-mode (SMFO) or {multimode (MMFO)} loose tube all-dielectric cable with a dry water-blocking agent.
  1. All fiber optic cables shall be armored ALTOS All-Dielectric Cable®, as manufactured by Corning Cable Systems. The individual fibers shall have the following characteristics:
     a. Single-mode Fiber Optic Strand – The individual strands shall be 8.2 µm and shall have a maximum attenuation of 0.35 dB/km @ 1310 nm wavelength.
     b. Multimode Fiber Optic Strand (if required)– The individual strands shall be 62.5 µm and shall have a maximum attenuation of 3.4 dB/km @ 850 nm wavelength.
  2. All short runs and runs from the toll plaza building to nearby security cameras shall be over armored 12 strand cable (12 single mode fiber-SMF).
  3. Plaza building within this project shall be connected to the Illinois Tollway's backbone fiber via armored single mode cable as shown on the Plans. Splicing to the backbone shall be completed by G4S in coordination with the Illinois Tollway's fiber optic Project Manager. The Contractor shall coordinate this work with the Engineer.
  4. The following tables list the typical number of strands and the respective ALTOS® part numbers:

FIBER COUNT	SINGLE MODE (SMFO) CORNING PART NUMBER	MULTIMODE (MMFO) CORNING PART NUMBER
06	006EUC-T4101D20	006KUC-T4130D20
12	012EUC-T4101D20	012KUC-T4130D20
24	024EUC-T4101D20	024KUC-T4130D20
36	036EUC-T4101D20	036KUC-T4130D20
48	048EUC-T4101D20	048KUC-T4130D20
72	072EUC-T4101D20	072KUC-T4130D20

  5. Fiber optic cables shall utilize fusion splicing techniques. Mechanical connectors are not allowed for splicing of fiber optic cables.
  6. The toll plaza building shall use rack-mounted connector panel housing for cross-

connection and interconnections. The connector panel housing shall reside in the local fiber racks as shown on the Plans, and shall be Corning System part number CCH-04U. The connector panel housing shall be able to accept twelve (12) single-mode or multimode panels and shall be four (4) rack units high.

- Network Equipment, Switches and Small Form Pluggable (SFP) Modules. The Contractor shall furnish and install the following equipment in remote plaza L building based on consultation with the Illinois Tollway:
  1. One (1) Cisco Catalyst 3850 Switch. Cisco model number WS-C3850-48T-E.
  2. Eight (8) Cisco LX/LH SFP Transceiver Module. MMF/SMF, 1310nm, DOM Cisco model number GLC-LH-SM=.
  3. One (1) Cisco Catalyst 385012-port 10G Fiber switch. Cisco model number WS-C3850-12XS-E.
  4. Two (2) Cisco 50CM Type 1 Stacking Cable. Cisco part number STACK-T1-50CM
  5. Two (2) Cisco Catalyst 3750X and 3850 Stack Power Cable 30 CM. Cisco part number CAB-SPWR-30CM
  6. Two (2) 350W AC Config 1 Power Supply. Cisco part number PWR-C1-350WAC.
  7. One (1) SNTC 8x5XNBD Cisco Catalyst 3850 12 Port 10G Fiber Switch. Cisco part number CON-SNT-WSC3851E
  8. One (1) 8x5xnbd Cisco Catalyst 3850 48 Port Data IP Serv. Cisco part number CON-SNT-WSC388TE
  9. Two (2) Cisco Catalyst 3850 4X 10GE NETWORK MODULE. Cisco part number C3850-NM-4-10G
  10. Four (4) 10GBASE-LR SFP Module Cisco part number SFP-10G-LR=
  11. One (1) Cisco UNIVERSAL Switch Cisco part number S3850UK9-161
  12. One (1) Cisco Cat 3850 UNIVERSAL Switch Cisco part number S3850UK9-32-0SE
  13. Two (2) North America AC Type A Power Cable Cisco part number CAB-TA-NA
  14. Two (2) Cisco Catalyst 3850 19, 23, 24 inch and ETSI rack mount kit Cisco part number C350-RACK-KIT=
  15. Twenty (20) SC-LC DUPLEX, Single Mode Fiber Optic Jumper 2M Corning part number 047202R5Z20002M

Front and Rear Violation Enforcement System (VES) Camera Video Power Junction Box

- The Contractor shall furnish and install the front and rear VES camera video junction box as shown on the Plans. Each front and rear VES camera video junction box shall be equipped with VES camera power supplies, fuses, circuit breakers, terminal blocks and ground bar as shown on the Plans and specified herein.
- Front and rear VES camera video power enclosure for the main toll plaza shall be 48" x 24" x 8" single door, NEMA Type 1 with back panel, Hoffman model number A-48N24BLP with model number A-48N24MP back panel, or approved equal.
- Additional equipment required to be provided by the Contractor is as listed below:
  1. Power supply shall be a 24 volt, 4.5 ampere max current module and shall be TDK-Lambda model number HWS100-24/A.
  2. Fused terminal blocks shall be rated 30 amperes, 57 volts and shall be equipped with 5 ampere Bussman Type FNM. Fused terminal blocks shall be Allen-Bradley model number 1492-FB1M30-D1 (with red LED), or approved equal.
  3. Terminal blocks shall be rated 35 amperes, 600 volts. Terminal blocks shall be Allen-Bradley model number 1492-CD8, or approved equal.

4. Surge suppressor for the Category 6 (CAT-6) line shall be Cooper Crouse-Hinds MTL model number 24563, and for the 24 volts AC/DC line shall be Cooper Crouse-Hinds MTL model number 24580.
5. Power distribution block shall be rated 175 amperes and shall be Marathon model number 1322580.
6. Miniature circuit breaker shall be rated 15 amperes, 1-pole and shall be Schneider Electric model number QOU115.
7. Panel wiring shall be size 12 AWG stranded copper with Type SIS cross-linked polyethylene insulation.

Security Video Camera System

The Contractor shall furnish and install internal security camera assemblies, including associated power supplies and any other required items, as shown on the Plans.

- Internal Security Camera Assembly. Each security camera assembly shall consist of an internal fixed dome camera assembly, including a 720p IP color camera with remote zoom and focus, in an environmentally sealed IK10-rated vadal resistant enclosure. The camera shall be able to handle scenes with strong variations in light. The camera assembly shall be suitable for operation temperature range of (0°C to 65°C). The security camera shall be an Axis P-33 Series fixed dome camera, Axis model number P3375-VE.
- Power Supply. The camera assembly shall include a 30-watt Power over Ethernet (PoE) midspan injector – Axis model number T8134. The PoE injector shall be installed inside the data logger camera video power junction box in the toll plaza building, as shown on the Plans.
- The Contractor shall furnish and install all wall mounting attachments and accessories as recommended by the camera manufacturer, required for mounting the camera as shown on the plans. .

Electrical Identification

- Electrical equipment labeling shall conform to the latest Intelligent Transportation Systems (ITS) Labeling Guide as published by the Illinois Tollway.
- The Contractor shall provide white with black core laminated phenolic nameplates with 3/8 inch lettering etched through outer covering. Each nameplate shall be fastened with stainless steel screws to each piece of equipment.
- All major electrical equipment shall be identified, this includes disconnect switches, panels, switches, etc. Disconnect switches serving feeders and over-current protective devices mounted in a switchboard shall be so identified. Embossed self-adhering plastic tape labels shall not be used.
- Cable/wire markers shall be installed on both ends of all conductors. All wire and feeder cables shall be labeled with wire markers in all junction boxes, pull boxes, control panels, panel-boards, switchboards, etc. Cable and wire markers shall be per TIA-606 Standard for labeling telecommunication equipment and be approved by the Illinois Tollway. The markers shall be attached to all cables where entering or leaving a conduit run. Cable designation and circuit use shall appear on the tag.

DATA LOGGER CAMERA SITE GROUNDING

DESCRIPTION

This work shall consist of furnishing and installing a data logger camera site grounding system in place as shown in the Plans on Drawing 551 and in accordance with the Special Provisions. This work shall also include the performance of Three-Point, Fall-of-Potential grounding electrode earth resistance test which shall be performed for the Contractor by an independent professional testing service that is equipped and qualified to perform the test and certify the test results. The Three-Point, Fall-of-Potential grounding electrode earth resistance test shall be performed on both new work and on existing installations involved with the work.

CODES AND STANDARDS

This special provision was developed in accordance with the applicable chapters of the Motorola Standards and Guidelines for Communications Sites (R56).

Also incorporated are the applicable elements of the following standards:

1. ANSI/TIA-222, Section 10.0 – Structural Standard for Steel Antenna Towers and Antenna Supporting Structures, Protective Grounding
2. Illinois Tollway Supplemental Specifications, Section 806 – Grounding
3. NFPA 70 – National Electric Code (NEC)
4. NFPA 780 – Standard for the Installation of Lightning Protection Systems
5. UL 96A – Standard for Installation Requirements for Lightning Protection Systems

Where there are conflicts found between the above standards, the more stringent standard shall govern. Government and local codes shall take precedence over the requirements of this special provision.

SOIL ANALYSIS

The Contractor shall perform a soil analysis to determine the acidity (pH) and the porosity (aeration) of the soil. The analysis shall also test for the presence of organic acids in the soil commonly associated with poorly drained or poorly aerated soils. Test reports for each ITS Element site shall be provided. In acidic soils with a pH of 5 or lower and in soils where organic acids are found to be present, the ground rod shall be encased as specified elsewhere herein.

GENERAL GROUNDING MATERIAL REQUIREMENTS

Within 10 business days from Notice to Proceed, the Contractor shall submit via the Illinois Tollway's Web Based Program Management (WBPM) system a completed ITS ELEMENT SITE GROUNDING CHECKLIST (ILLINOIS TOLLWAY), (attached to this special provision), and associated submittals for review and approval by the Engineer. The Contractor shall submit to the Engineer a request for variance when changing equipment prescribed on the ITS ELEMENT SITE GROUNDING CHECKLIST (ILLINOIS TOLLWAY). The variance shall be the formal request of an approval of an equal or better substitute for a specified part by providing justification and supporting manufacturer's specifications and other relevant documentation.

a) All grounding materials shall be listed for the intended application.

b) Ground rods shall be per Section 806 of the Illinois Tollway supplemental specifications.

c) Aluminum or copper-clad aluminum grounding conductors **SHALL NOT** be used.

d) All grounding electrode conductors shall be 1/C, bare, stranded, soft drawn, tinned-copper unless otherwise specified herein. Grounding electrode conductors shall be per ASTM B 8 for stranded conductors and ASTM B 33 for tinned conductors.

e) All grounding hardware, except ground busses and conductors, must be stainless steel or galvanized rigid steel. (See installation requirements pertaining to dissimilar metals.)

f) Groundings bushings shall be malleable iron, threaded, with insulated liner and solderless lug.

g) Unless otherwise noted, bus bars must be solid annealed copper and be equipped with insulating mounting supports. Bus bars must be pre-drilled with holes suitably sized for terminating up to No. 2/0 AWG grounding conductors with two-hole lugs.

h) Copper or copper-clad ground rods shall not be used in soils where organic acids are present unless protective measures are taken, such as encasing the ground rods in a grounding enhancement material.

i) Grounding Enhancement Material (GEM) shall absorb water from surrounding soil and have hydrogen and water retention properties. The suggested grounding electrode encasement (backfill) material shall be a mixture of 75% gypsum, 20% bentonite clay and 5% sodium sulfate.

GENERAL GROUNDING INSTALLATION REQUIREMENTS

a) A Data logger camera site shall include but is not limited to a Data logger camera (pole mounted.

b) The Data logger Camera site grounding electrode system shall be provided at Data logger Camera site location, as indicated in the Plans.

c) All metallic members either attached to the Data logger camera supporting structure and those which comprise the supporting structure shall be bonded together by means of copper bonding jumpers as specified herein to create a continuous low impedance path to the Data logger camera site grounding electrode system.

d) All metallic housings with energized components or metallic structures which may become energized under fault conditions shall be bonded to the Data logger camera site grounding electrode system.

e) All grounded metal objects within 25 feet of a component of the Data logger camera site must be tied into the Data logger camera site grounding electrode system using approved grounding electrode conductors, bonding conductors and connection methods as described herein and/or shown in the Plans, or as directed by the Engineer.

f) All equipment bonds must be made to bare metal surfaces as specified herein.

g) All ground rods shall include a ground test well (access well) to allow inspection of connections to the ground rod with exception of any ground rods which are installed beneath roadway shoulder pavement.

h) Exothermic welded joints on galvanized material shall be coated as specified herein to prevent corrosion.

i) Copper/Aluminum joints shall be avoided wherever possible. In cases where this cannot be avoided, the connections shall be as specified herein.

j) Bare copper shall not come in contact with galvanized steel. However, a connection of copper and stainless steel, and a connection of tinned copper and galvanized steel are acceptable.

k) Contractor shall provide all necessary materials and labor even if not shown specifically on the Plans or specified herein to provide an Data logger camera site grounding system in accordance with NEC and Motorola R56 requirements.

DATA LOGGER CAMERA SITE COMPONENTS

a) Grounding/Bonding Conductors

1. To prevent arcing, all grounding/bonding conductors shall be as short, straight, and with as few kinks as possible. A minimum bending radius of 8 inches shall be maintained. "U" shaped bonding jumpers may be utilized for the bonding of doors and gates only.

2. A UL listed, lightning protection T-splice is an acceptable means of installing grounding/bonding conductors with 90 degree angles provided it can withstand a 200 pound pull test. The T-splice must be listed for use with a 1/C No. 2/0 AWG conductor.

3. All bare copper conductors must be tinned. All copper used for lightning protection or equipment bonding must have 95% conductivity when annealed. See Article 1066.02(a) of the Standard Specifications for additional requirements.

4. Care shall be exercised during the installation of tinned conductors to ensure surfaces are not damaged. Any tinned conductors damaged during installation shall be replaced at no additional cost to the Illinois Tollway.

5. Any above grade grounding/bonding conductor which is not in conduit shall be supported by a UL listed connector a minimum of every 3 feet.

6. If grounding/bonding conductors are routed in a continuous run of metallic conduit, the conduit system shall be provided with properly installed grounding bushings. Both ends of a metallic conduit containing a grounding conductor must be bonded with a listed grounding bushing.

b) Equipment Grounding Conductor

1. If conductors are routed in a continuous run of metallic conduit, an equipment grounding conductor shall be provided and the conduit system shall be provided with properly installed grounding bushings. Both ends of a metallic conduit containing a grounding conductor must be bonded with a listed grounding bushing.

c) Bonding Jumper

1. All bonding jumpers shall be 1/C No. 2/0 AWG tinned copper minimum or as required by the NEC Article 250 and as specified herein.

2. Any metallic lids and/or doors of enclosures/metal pole shall also be bonded by means of a bonding jumper between the main enclosure/pole and the lid and/or door. This bonding jumper shall not impede the function of opening the door or removing the lid for service.

3. When a Data logger camera is mounted to a metallic structure, all metallic members either attached to the structure and those which comprise the structure shall be bonded together as shown on the plans to create a continuous low impedance path to the Data logger camera site grounding electrode system. All conductors for the bonding of metallic members either attached to the structure and/or those which comprise the structure shall be a stranded tinned-copper bonding jumper, minimum No. 2/0 AWG in size

d) Grounding Electrode Conductors

1. All grounding electrode conductors terminating on a ground rod shall be a 1/C, stranded, soft drawn, tinned-copper, minimum No. 2/0 AWG in size, or as specified in the Plans.

2. Grounding electrode conductors shall be installed without any splices.

3. All grounding electrode conductors must be individually run to a ground bus bar or ground rod. The only exception to this "no-daisy chaining" rule is when joining two ground rods together in order to obtain 5 ohms or less.

4. Grounding electrode conductors shall not be run through concrete structure foundations.

e) Ground Well

1. Ground well shall be Neenah Foundry model number R7506-E 10" or approved equal.

2. Each ground well shall have concrete surrounding the access well and shall be of Class SI.

3. The stone shall be CA-6.

f) Grounding/Bonding Connections

1. All connectors shall be rated for both the intended use and the surface upon which it to be installed.

2. Grounding clamps and bushings, wherein specified, must be galvanized steel or a high copper content alloy.

3. Insulation piercing connections shall not be used in the installation of conductor lugs. Only connection devices which require the complete removal of the conductor jacket and which provide a complete connection between the inside of the lug and the outer circumference of the grounding wire shall be permissible.

4. A UL listed, irreversible, pressure-typed crimp connection shall be used to connect a ground rod connected grounding conductor to an internal grounding bus bar. All other internal connections to a bus bar by conductors larger than No. 6 AWG must be made by two-hole lugs.

5. No more than one connection shall be made at each bus bar position unless the connector is listed for multiple conductors.

6. All external and underground connections shall be by exothermic welding.

7. Exothermically welded connections to metal surfaces must be completed with a weld area roughly twice the diameter of the conductor. The area of the connection must first be sanded or filled to expose the bare metal prior to the exothermic weld being performed.

8. Exothermically welded connections to galvanized material shall be coated with a zinc-enriched paint to prevent corrosion.

9. Where copper/aluminum connections cannot be avoided, the connections shall be exothermically welded using an aluminum/copper listed bimetallic transition connector and a listed conductive anti-oxidant compound on all metallic connections.

10. For all mechanical connections, a listed conductive anti-oxidant compound shall be applied between the two metals.

g) Data logger Camera Site Master Grounding Bus Bar (MGB):

1. Each Data logger camera shall have a Master Grounding Bus Bar (MGB) made of solid annealed copper installed in a specific location as shown in the Plans.

2. The MGB hole pattern shall permit connecting two-hole lugs for up to No. 2/0 AWG grounding conductors.

3. The MGB shall be provided with a bare tinned-copper 1/C No. 2/0 AWG conductor which shall be connected via an exothermic weld to a Data logger camera site ground triad/halo electrode system ground rod located below the MGB in a grounding well.

h) Testing

The Contractor shall use the test plans within this special provision to conduct the following tests per Data logger camera grounding site in the presence of the Engineer, in accordance with the test requirements identified and found on the ITS Site Grounding Acceptance Test Form included herein.

1. All testing shall be conducted in the presence of the Engineer after a minimum 48 hour notification period. All test results, including those where the design criteria was not achieved, shall be documented. All retests shall be witnessed by the Engineer and documented by the Contractor (via the WBPM system).

2. As stated above, the installed grounding system at Data logger camera sites shall be tested by the Contractor to confirm that there is a maximum 5 ohms resistance to ground within the grounding system. Testing of resistance to ground from the chassis of electronic equipment is not recommended due to the potential to damage of the electronics; however, the Contractor shall be required to test resistance to ground from each bus bar after all chassis grounds have been disconnected and taped to avoid accidental contact during testing.

3. Three-Point Fall-of-Potential. The site grounding electrode systems shall be tested using the three-point fall-of-potential method as detailed in ANSI/IEEE STD 81, BS 7430, NFPA 7800-2004, and MIL-HDBK-419A. Test results must be documented and submitted to the Engineer via the WBPM system.

Method of Measurement. This work will not be measured for payment.

Basis of Payment. This work will be included in the cost for the pay item PLAZA ELECTRICAL WORK

ITS ELEMENT SITE GROUNDING (TOLLWAY)

Revision: 1/14/15

PAY ITEM #
Contract #
e-Builder Submittal Package #:
e-Builder Submittal Date:
Reviewed By (CM Staff Name):
Review Date:

SUBMITTAL STATUS
APPROVED ☐
APPROVED AS NOTED ☐
REJECTED ☐

LOCATION OF REFERENCE	DETAIL SHEET ITEM	ITEM DESCRIPTION	APPROVED MANUFACTURER	APPROVED MODEL No.	SUBMITTED AS SPECIFIED?	PROPOSED EQUIVALENT DETAILS		
						MANUFACTURER	MODEL No.	NOTES
ITS ELEMENT SITE GROUNDING SYSTEM								
SPEC. PROV.		GROUNDING CLAMPS & BUSHINGS						
SPEC. PROV.		MASTER GROUND BUS BAR (MGB)						
SPEC. PROV.		GROUND INSPECTION/TEST WELL	NEENAH	R-7506-E				
SPEC. PROV.		#2 AWG STRANDED BARE TINNED COPPER GROUND CABLE						
SPEC. PROV.		2/0 AWG STRANDED BARE TINNED COPPER GROUND CABLE						
SPEC. PROV.		2/0 AWG BRAIDED TINNED COPPER BONDING JUMPER (*if required*)						
SPEC. PROV.		GROUND RODS (PER TOLLWAY SUPP SPEC SEC 806)	5/8" DIA. X 10' LONG					
SPEC. PROV.		GROUNDING HARDWARE						
SPEC. PROV.		GROUND ENHANCEMENT MATERIAL (*if required*)						
SPEC. PROV.		BUS BARS,CONNECTORS, LUGS, W/ BARRIER SHIELD						
SPEC. PROV.		UL LISTED T-SPLICE (*if required*)						
SPEC. PROV.		CONDUIT						
SPEC. PROV.		CABLE MOUNTING CONNECTIONS						

Data Logger Camera Site Grounding Acceptance Test Form

Illinois Tollway

1. INTRODUCTION

Site Acceptance Testing of the Data Logger Camera Site Grounding verifies that the soil conditions and grounding elements achieve the required resistance to ground to properly ground Data logger camera elements at each device site. This document provides the Site Acceptance Test procedure for Data logger camera Site Grounding and shall be used in addition to other Site Acceptance Tests required for the installation of ITS devices.

2. PROCEDURE

Test soil conditions to determine if additional grounding measures are required. Grounding tests shall measure the resistance to ground for Data logger camera sites by 3-point/fall of potential method to determine if site is properly grounded. Grounding test shall be made **prior** to connecting/bonding external grounding with Data logger camera equipment/control cabinets to prevent damage to equipment. The grounding shall be retested if results indicate additional ground measures are required.

Data logger camera Site Grounding Acceptance Test Form

Illinois Tollway

Project Number and Name: _____

Route (Circle One): I-88 / I-90 / I-94 / I-294 / IL-355

Mile Post: _____ Direction (Circle One): NB / SB / EB / WB / Median

Date / Time: _____ Camera Type: _____

Soil Analysis:

Test Element	Test Value	Additional Measures Required?	Comment
Acidity (pH > 5)		☐ Yes ☐ No	
Porosity (aeration)?	☐ Poor ☐ Well	☐ Yes ☐ No	
Organic Acids?	☐ Present ☐ None	☐ Yes ☐ No	

Grounding enhancement materials required? ☐ Yes ☐ No

Grounding Test (3-point/Fall of Potential):

Test Element	Test Value	Additional Measures Required?	Comment
Resistance to Ground (≤ 5 ohms)		☐ Yes ☐ No	

Additional ground rods required (record retest below)? ☐ Yes ☐ No

Test Element	Retest Value	Additional Measures Required?	Comment
Resistance to Ground (≤ 5 ohms)		☐ Yes ☐ No	

Additional Comments: _____

Test Conducted By: _____ Date: _____

Engineer*: _____ Date: _____

* The Site Test shall not be official until the Engineer signs and dates this sheet. The Illinois Tollway will not accept any form that is not signed by both the Test Conductor and the Engineer.

GROUND MOUNTED POLE, GALVANIZED STEEL

DESCRIPTION

This work shall consist of furnishing and installing a galvanized steel pole and all hardware and accessories per the contract plans and as required for the Pole Mounted Datalogger Camera Assembly. This work shall also include the installation of rodent protection material between the base of the pole and pole foundation, as well as vibration dampening devices.

MATERIALS

Material shall be according to contract plan details and Section 1069 of the Illinois Tollway Supplemental Specifications.

Q-Set 250 shall be utilized for the rodent protection material.

CONSTRUCTION REQUIREMENTS

Construction shall be according to Section 830 of the Illinois Tollway Supplemental Specifications.

Installation of the Q-Set 250 shall follow the manufacturer guidelines and the following:

- Once cables are installed through the ITS element pole and before the pole is bolted to the anchor plat on the helix foundation, along with the steel mesh the Contractor is required to install a cap at the bottom opening of the ITS element pole to prevent the composite backfill from spilling out of the opening.
- Once capped, the steel pole shall be bolted to the anchor plate using specified installation methods.
- The Contractor shall then mix and prepare the composite backfill (Q-Set 250) as per the manufacturer's recommendation in the presence of the Engineer. Before the composite backfill starts expanding, the mix shall be quickly poured into the steel pole through the handhole access door. As the composite backfill expands during the curing process, the contractor is to ensure that the inner pole remains accessible through the handhole access door. The handhole shall remain accessible after the composite backfill material achieves its fully cured strength. At no time shall the handhole access be blocked or obstructed by the composite filler.

The pole shall be designed to withstand wind induced vibrations in the shaft so that no damage occurs to the shaft or any attached ITS element and/or the component parts. The pole shall be coordinated with all electronic devices to be free of susceptibility to harmful harmonics and vibrations. A dampening device, as an integral part of the shaft, shall be installed in the shaft to alleviate such vibrations in all ITS poles. Pole deflection and loading compliance, certified by the manufacturer, shall be noted on the pole submittal. The proposed vibration dampening device shall be included with the Contractor's submittal.

METHOD OF MEASUREMENT

This work will not be measured for payment

BASIS OF PAYMENT

This work will be included in the cost for the pay item PLAZA ELECTRICAL WORK

DATA LOGGER CAMERA POLE FOUNDATION STEEL HELIX

DESCRIPTION

This work shall consist of furnishing and installing a helix foundation for data logger camera pole assembly, as indicated on the Plans or as directed by the Engineer.

MATERIALS

The metal foundation shall comply with Article 1070.01 of the Standard Specifications for light pole foundation, metal as modified by Section 1070 of the Illinois Tollway Supplemental Specifications.

INSTALLATION

Foundations shall be installed at the locations shown on the Plans, or as directed by the Engineer.

The steel helix foundation shall be installed in accordance with the manufacturer's recommended procedures. The installation shall be accomplished by either a boom type or a bed mounted type digger truck. The maximum torque limit of 13,000 ft-lb should not be exceeded since the possible damage to the foundation could occur.

Local soils conditions shall be verified by the Contractor prior to installation of the metal helix foundation. In the case of extremely difficult soils that cause the mechanical limit of the foundation to be exceeded, the helix foundation may be installed at the discretion of the Engineer in one of two methods. Predrilling a hold that is less than the shaft diameter of the foundation or using water as a lubricant. When foundation is installed by either method, minimum torque requirements of 5,000 ft-lb are to be followed. The installation torque may be measured by torque measuring devices currently available or by calibrating the hydraulic system of the installing equipment. As an alternative for foundation installation in extremely difficult soils, a concrete foundation may be used. The Contractor shall submit for approval his structural calculations for installation of a concrete foundation for the data logger camera assembly.

Twelve foot (12') helix foundations shall be installed at locations with a slope greater than 1:6 (V:H).

METHOD OF MEASUREMENT

This work will not be measured for payment

BASIS OF PAYMENT

This work will be included in the cost for the pay item PLAZA ELECTRICAL WORK

Illinois Tollway

Capital Program

PURPOSE/PROJECT #: **I-19-4464**

I-57 Roadway and Bridge Widening (Kedzie Ave. to CSX RR) and I-294 Ramp Construction

Addendum No. 2: Pre-Bid Questions

Bid Opening: **November 5, 2018**

Responses to plan holders

1. Q: The total quantity for drilled shaft concrete foundations for the project is 356 cu yds. However the summary table on sheet 374 only shows 330 cu yds. Are there more foundations to be included in an addendum?

   A: The plan quantity shown in the SOQ is 357.2 and the quantities shown on sheet 374 add up to that total. It's unclear where the 356 and the 330 values cited in the comment come from.

2. Q: There are no summary tables on sheets 462 thru 464 indicating which foundation is to be used for which truss in additional to anticipated shaft depths. Will these be included in an addendum?

   A: The tables did not print properly in the plan set. They will be replotted and included in Addendum 2.

3. Q: 8", 10" and 12" truss pipe supports are shown in the plans. 10" support can hold weight Type I-A or Type II-A Trusses. Which end support is to be used for each truss. Only 1 summary table is shown on sheet 459 that identifies the support frames for 3 trusses. The remaining are missing.

   A: The tables did not print properly in the plan set. They will be replotted and included in Addendum 2.

4. Q: Where is the CONCRETE FOUNDATIONS (73400100) quantity for the barrier wall portions of the sign truss foundations included in the plans? Locations include the following:
   a. 3238+40
   b. 3224+80
   c. 3214+25
   d. 1314+50
   e. 1206+00
   f. 1219+50
   g. 3011+80
   h. 3648+37

   A: The tables did not print properly in the plan set. They will be replotted and included in Addendum 2.

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5. Q: Where additional sign supports will be needed on existing sign structures, how will they be paid for? (Example sign panel G-SB-IT-07)

   A: Included in the cost of the Sign Panel (IDOT) or Sign Panel Installation (Tollway).

6. Q: The cantilever at station 389+00 appears to be touching the existing retaining wall. This cantilever sits on two 4 ft diameter drilled shafts. What are the details od the existing retaining wall and will the cantilever foundations be installed per the standard?

   A: There is no existing retaining wall in the vicinity of Sta 389+00. The proposed retaining wall is 10+ feet behind the sign foundation.

7. Q: Sheet 530 shows 2 signs but no locations or quantities for which they are paid under. Are these tollway supplied of Contractor supplied? What quantity of wood posts are required for these signs?

   A: These signs and required supports will be added to the schedule (Included in Addendum 2). Quantities were included in the SOQ.

8. Q: The contract quantities do not match the signing schedule for the following items:
   a. 72400200 REMOVE SIGN PANEL ASSEMBLY - TYPE B
   b. 72400310 REMOVE SIGN PANEL - TYPE 1
   c. 72400320 REMOVE SIGN PANEL - TYPE 2
   d. 72400600 RELOCATE SIGN PANEL ASSEMBLY - TYPE B
   e. 72400720 RELOCATE SIGN PANEL - TYPE 2
   f. 73000100 WOOD SIGN SUPPORT
   g. JT720110 SIGN INSTALLATION, TYPE 2

   A: See below:
   a. 72400200. Quantity in schedule is correct. SOQ and P-pages are not. (See Addendum 2.)
   b. 72400310. Quantities shown in schedule and SOQ/P-Pages match.
   c. 72400320. Quantities shown in schedule and SOQ/P-Pages match.
   d. 72400600. Quantity in schedule is correct. SOQ and P-pages are not. (See Addendum 2.)
   e. 72400720. Quantities shown in schedule and SOQ/P-Pages match.
   f. 73000100. SOQ/ P-Pages is correct, schedule does not include Toll Plaza Signs on Sheet 530. Schedule will be revised.

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g. JT720110. SOQ/ P-Pages is correct. Schedule does not include Toll Plaza Signs on Sheet 530. Schedule will be revised.

9. Q: In regards to pay item X2040805 – Furnished Excavation, Special, the contractor is required to obtain 40,000 of suitable material from I-294 and Ogden Ave interchange. 50,000 CY was used as borrow material within Contract I-18-4428. Will this material be available for Contract I-19-4464? In addition, will the awarded contractor have full access to the I-294 and Ogden Ave interchange stockpile?

   A: Additional material will be placed in the interchange. The Contractor will only have access to the Northeast quadrant of the interchange as indicated in the plans.

10. Q: Can the Tollway please provide a copy of the obtained permit from the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC), that the Contractor must adhere by per bid item 20400800 – Furnished Excavation?

    A: A copy of the permit will be posted to the on-line plan room for reference

11. Q: Can the existing bridge plans be issued?

    A: A: Drawings will be posted to the on-line Plan Room for reference.

12. Q: 1. Per Sheet 406 (Volume 2) referencing South I- 57 on 147th street, there is a note for pavement marking letters and symbols. In the schedule of prices, there is no line item for this scope of work. Please send a revised schedule of prices with a "Letters and Symbols" line item, the type of material needed, and the square footage for this scope.

    A: There are 2 permanent and 1 temporary "letter and symbol" pay items with associated quantities in the quantities. (70300900, 78009000, X793500 for Temporary). The notes on the Pavement marking sheets identify what type of markings should be used on each type of pavement.

13. Q: Item No. Z0010600, Cleaning Drainage System, The only schedule for this work is on Sheet 243 of 1157. It only shows about half the locations of the cleaning. Please clarify.

    A: Northbound drainage system cleaning is shown on the associated NB schedule (sht 240).

14. Q: The earthwork schedule of quantities for Furnished Excavation Spl X2040805 calls for 50,000 CY to come from stockpiled material at the intersection of I-294 & Ogden Ave. Bid documents from I-18-4428. Addendum #5 showed 41,360 CY of Borrow Excavation in the SE and SW

quadrants of this intersection to be utilized for that project. Is this material not being utilized on the 4428 contract? Also, has there been material added to the existing stockpiles at this location to increase the quantity up to 50,000 CY. If so, could you provide the topo results and date of the completed topo?

A: Additional material will be placed in the interchange. The Contractor will only have access to the Northeast quadrant of the interchange as indicated in the plans.

15. Q: MOT Plans for I-57 NB at I-294 + Ramp H have call outs for pay items Temp Concrete Barrier (70400100), Temp Concrete Barrier (JI704000), and Relocate Temp Concrete Barrier (JI704005) but there are no call outs of pay items on the I-57 SB MOT plans. Are we to assume the quantities for SB fall under the IDOT pay items? Also, there are lengths of barrier wall that are called out as relocate but there is an insufficient amount of wall in the previous stage in a location. At another location wall may be getting picked up as it is no longer needed in the stage, but requires to be loaded onto a truck and hauled to the insufficient location. Would this wall that is loaded and hauled to the insufficient area fall under the Relocate pay item or Temp Conc Barrier item?

    A: Confirmed, I-57 SB quantities fall under IDOT pay items and the work on I-294 (Ramp L) falls under Tollway pay items. "New" TCB is needed for stage 1 and 2A, the remaining stages can use the TCB that is already on site to set up MOT for each stage. If TCB is already on site and needs to be moved to another location, it was calculated under the "relocate" pay item.

16. Q: Please provide the limits or details for the removal of the existing retaining wall associated with pay item X0322924 Retaining Wall Removal.

    A: See sheet 986 for limits of wall removal. Shop drawings from the existing wall will be included in the On-line plan room.

17. Q: Is there a schedule of quantities for pay items 21101505 Topsoil Excavation & Placement and JI211110 Topsoil Excavation & Placement? Schedule of Quantities under Earth Excavation does not indicate if there is an excess of topsoil ("unsuitable"). Also, please confirm the intention to leave any surplus topsoil is to stay within the project limits per the note in the same earth excavation schedule on sheet 27 or 32 "Excess existing topsoil suitable for topsoil placement shall be placed as directed by the engineer and not disposed of off-site".

    A: Agency and plan intent is to retain existing material on site. If necessary, during construction, appropriate onsite areas will be designated for placement of additional thickness of topsoil.

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18. Q: Due to the IDOT Letting on November 8th, please consider extending the bid date for this contract.

    A: The bid opening will still be scheduled for November 5th.

19. Q: Per drawing 504 there is a camera to be removed and relocated but there is no pay item for this work. How is this scope of work to be paid for?

    A: The Item and special provision X0326836 Remove And Reinstall Video Camera And Equipment has been added in this addendum.

20. Q: Per drawing 505 note 6, it notes that the junction box and temporary wood pole are to be included in pay item "Relocate Existing Surveillance Cabinet". Please confirm this is the case and that the Junction Box and Wood Pole are NOT to be paid for under pay items X0326968 and X0326133 respectively.

    A: The note is consistent with the special provision RELOCATE EXISTING SURVEILLANCE CABINET on J-98.

21. Q: Please consider adding a new pay item for underpass lighting removal as the scope of work to remove an underpass fixture/accessories is different than that to remove a light pole/fixture.

    A: New pay item REMOVAL OF UNDERPASS LIGHTING UNIT, SALVAGE (X8420113) and special provision have been added as part of Addendum #2. Pay item quantities have been updated accordingly.

22. Q: In the 'Temporary IDOT Lighting and Removal Plans', there are various locations that call for a light pole to be removed and relocated (example page 593 note 4). How are these relocated poles to be paid for?

    A: This work shall be paid for as RELOCATE EXISTING LIGHTING UNIT (84400105)—provided in Addendum No. 1.

23. Q: In the proposed IDOT lighting plans, the new lighting controllers connect new circuits to existing high mast towers. Where is the splicing to these existing towers to be paid for?

    A: This work shall be included in the price of the new electric cable, per General Note #15.

24. Q: In the proposed IDOT lighting plans, the new lighting controllers connect new circuits to existing high mast towers. Where is the dig up to connect to these existing towers to be paid for?

A: This work shall be included in the price of the new unit duct/conduit. Also, note that the contract documents provide substantial guidance for identifying and addressing utility locates. Items are provided in the contract to aid in that effort as directed by the engineer.

25. Q: Will a contractor with a WBE certification through CMS count towards Tollway DBE participation?

    A: No, CMS certifications are not accepted for Tollway DBE participation. Reference Section 5 of the Illinois State Toll Highway Authority SPECIAL PROVISION FOR DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION.
    "Only firms certified by the IL-UCP, the City of Chicago, the County of Cook, or the Small Business Administration **at the time of bid opening** are eligible to be considered for contract award to either meet the contract goal or establish the bidder's good faith efforts to do so."

26. Q: The High mast tower foundation details per drawings 623 and 625 call for only one ground well per high mast foundation. However, the high mast tower service pad detail on page 645 calls for 4 ground wells. Please clarify how many ground wells are required per high mast tower foundation.

    A: The ground well shown on pp. 623 and 625 is typical for each ground rod, per the ground well callout under the 'Ground Rod Detail.' As four ground rods are provided, four ground wells are required per high mast tower foundation.

27. Q: Please confirm retaining wall shown on drawing 645 is not incidental to the high mast tower service pad.

    A: The retaining wall is integral to the pad and is paid as one item LIGHT TOWER SERVICE PAD (SPECIAL). See Special Provision page J-93

28. Q: The specifications on pages J-278 and J-279 list required Cisco gear for the plaza building. However, no quantities are given for each piece of gear. Please provide quantities.

    A: The Plaza Electrical Work Special Provision has been revised in Addendum no. 2.

29. Q: Per page 572 of the drawings, in the upper right corner there is an image of the high mast towers having the "T" type brackets. Is this a requirement? The straight tenon is easier to orient and counterweight since there are 5 or 3 luminaires. Please confirm the mounting requirement.

A: The detail provided on p. 572 is for diagrammatic purposes only. The mounting requirements shall be in accordance with BE-500 provided on p. 621.

30. Q: Pay item 83700300 LIGHT TOWER FOUNDATION, 48" DIAMETER has a quantity of 25.5 feet and according to the detail on page 623 is meant for high mast light towers from 100 feet to 110 feet. There is only one proposed high mast tower in this height range. Is it the intent for this one 100' tower to have a 25.5 foot deep foundation?

    A: Yes, the foundation depth of the tower located at Sta. 1309+32 should be increased by 7' beyond the value shown in the table (Note 4 on EL-13).

31. Q: Temporary Impact Attenuators: Will the Authority want any of the Temporary Impact Attenuators be left in place at the end of this contract? If so, will the Authority add the item JI706261"Attenuator To Remain in Place" so there is no question on the number of units that will remain, as they have in previous Contracts or will this be handled as an Agreed Unit Price after Award of Contract?

    A: No. Attenuators to remain in place at the conclusion of contractor operations are included in the plans as 64300260 IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3

32. Q: X6640300 Chain Link Fence Removal: Will temporary fence be required after the chain link fence is removed? If this is the case, will a Pay Item Z0055905 Temporary Construction Fence will be added to the contract pay items?

    A: The contractor will have to coordinate his removal and construction activities to maintain a safe work site.

33. Q: Please confirm the Contractor is to dispose of the chain link fence.

    A: Contractor to follow requirements of Spec on J-122.No fence material has been deemed salvageable.

34. Q: Will there need to be a Utility locates before removing any Items on the contract?

    A: Contractor responsibility for Utility locates is contained in the Illinois Tollway Supplemental Specifications107.31.

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Addendum No. 2: Pre-Bid Questions

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35. Q: Is the Tollway interested in receiving removed materials at any of their maintenance yards for guardrail posts, panels or blocks that do not comply with the current tollway standards? Example: 25' guardrail panels, 6" blocks or post lengths other than 6'

    A: All salvageable material should be returned to the Tollway for future maintenance activities,

36. Q: Please advise the hours of operation at Ramp H for dropping off guardrail.
    A: The hours for dropping off guardrail are 7-3 and needs to be coordinated with Tollway maintenance.

37. Q: Please confirm that the Tollway will provide fork lift service for unloading the truckloads of guardrail at Ramp H?

    A: Tollway maintenance can assist with unloading but this needs to be coordinated prior to drop off.

38. Q: JI213004 Exploratory Trench (Hand Excav) and JI213006 Exploratory Trench (Vacuum Excav): Will these two pay items be utilized in the event that a conflict becomes known during a normal utility locate for the Chain Link Fence and/or Guardrail, or will this work be paid on a force account basis?

    A: The contract documents provide substantial guidance for identifying and addressing potential utility conflicts. These items are provided to aid in that effort as directed by the engineer.

39. Q: 66400305 Chain Link Fence 6: Please provide a schedule of quantities for the Chain Link Fence, its terminal posts and gate.

    A: For clarification, proposed fence is located on 149th St at I-57. (See plan details on sheet 201) The gates are for controlled access to the Posen Public works facility via 149th street and under I-57. There are no other locations for this fence

40. Q: JI664305 ROW Fence TY 1 6: Please provide a schedule of quantities for the Chain Link Fence, its terminal posts and gate.

    A: The fence is parallel to Ramp H, from I-294 station 387+75 to Ramp H station 4019+50. See sheets 395, 403 and 404.

41. Q: X6640050 Chain Link Fence Attached to Structure SPL: Please confirm that the Chain Link Fence Attached To Structure Posts will need to be fabricated by an AISC Certified Shop.

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A: The chain link fence attached to structure need not be fabricated by an AISC fabricated shop

42. Q: Please advise if the chain link fence attached to structure will either terminate (with two end posts) or run through all of the construction/expansion joints.

    A: The chain link fence can run through the expansion/construction joints. However, a post shall not straddle a joint.

43. Q: X6430110 Remove Impact Attenuators, Salvage: Please confirm that the Contractor is to dispose of the attenuators, per Special Provision J-47.

    A: The Special Provison on page J-120 indicates the disposition of these items to be salvaged.

44. Q: The 30% goal will most certainly create a barrier that will exclude non-DBE subcontractors from being considered on this project. To be fair to all subcontractors considering tendering a bid, please consider substantially lowering the DBE goal.

    A: Be advised that the DBE goal is just that-a goal. Diversity believes the goal is fair given the scope of work and in the event the goal cannot be achieved, then the bidder has to option to provide its good faith efforts .

45. Q: Bill of material for Structure SN 061-0057(sheet 862) indicates 799 SQ FT of Mechanically Stabilized Earth Ret Wall but the plan sheets for this structure do not show this work – please clarify.

    A: Item will be deleted from quantity. Updated plan sheet to be provided to successful bidder.

46. Q: Where can I obtain existing noise wall and retaining wall drawings?

    A: Drawings will be posted to the on-line Plan Room.

47. Q: The callout for the (I-57 NB) pavement connector (PCC) for bridge approach slabs at the Western Ave. Bridge and the East project limits are not called out in the same locations and limits when you compare the drawings on the proposed plans and those on the pavement jointing and elevation plans. Please clarify.

    A: Pavement Jointing and Elevation call outs are in error. Plans are correct. Revised sheets will be issued to successful bidder.

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48. Q: Addendum 1 page J-14R S.P. 104.1 states that the contractor will not have access to I-57 and Ramp L for the purpose of beginning work until June 1, 2020. Please clarify if the June 1 start date was for Ramp L only and did not include the work on I-57

    A: The June 1 date includes the I-57 work.

49. Q: Is the Tollway going to post the existing structure dwgs to the plan room for the existing bridges and retg walls that need to be removed?

    A: Drawings will be posted to the on-line Plan Room.

ADDENDUM NO. 1
TO
CONTRACT REQUIREMENTS
FOR CONTRACT I-19-4464
ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Date: 10/17/2019

For which proposals will be received by the Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois 60515 until 10:30:00 A.M. local time, **November 5, 2019**

NOTICE OF REVISION TO CONTRACT

NOTES:

1. The Documents Required pages in Volume I have been revised. Replace CL-1, CL-2 and CL-3, with CL-1R, CL-2R and CL-3R.

2. A complete set of Schedule of Prices is included with this Addendum and must be inserted into the Contract Bid by the Bidder. The Bidder's attention is called to pages P-5R, P-7R, P-8R, P12R, P-14R, P-15R, P-16R, P-18R, P-21R, P-22R, P-24R, P-25R, P-26R and P-27R which have been revised and included as part of the Schedule of Prices.

3. The following revised Special Provision pages are included in the Contract with this Addendum: TOC-1R, TOC-2R, TOC-6R, TOC-7R, TOC-8R, and TOC-12R; J-6R, J-9R, J-13R, J-14R, J-53R, J-215R, J-264R through J-314R, D1-8R and D1-9R; .

4. The following new Special Provision pages are included in the Contract with this Addendum: J-14A, J-60A through J60D, J-353A, J-367A, J-440A through 440D, and GBSP-20A through GBSP-20E.

5. The following Special Provision pages were deleted from the Contract by this Addendum: J-315 through J-321.

6. The following revised Contract Drawings are included in this Addendum:
   Volume 1– Drawings 102, 122, 131 and 168,
   Volume 2 – Drawing 330, 331, 334 through 367
   Volume 3 – Drawings 528, 529,533, 534, 536 through 546, 551, 552, 554, 557, 560, 561, 562, 564 through 568, 573, 574, 581, 592, 600 and 610.
   Volume 4 – Drawings 652, 653, 662, 665, 666, 669, 677, 683, 689, 690, 698, 699, 702, 703, 706, 720, 725, 726, 729, 740, 742 through 750, 753, 756, 757, 766 through 767, 770, 781, 783 through 791, 794, 795, 796, 808, 809, 823, 824, 844, 845
   Volume 5 – Drawings, 862, 863, 878, 879, 918, and 938.

7. The following new Contract Drawings are included in this Addendum:
   Volume 3 – Drawings 571A through 571I.
   Volume 4 – Drawing 761A, 802A, 849A.
   Volume 5 – Drawing 908A, 924A, 944A
   Volume 6 – Drawings 1134A through 1134G

8. Revised Contract Drawings Volume 1, Drawings 6, 8, 12, 14, 15, 17, 19, 20, 22 and 23 will be issued to the successful Bidder. The revised drawings will reflect the quantity changes shown in the "Summary of Revisions to Pay Item Quantities" table included in this addendum.

9. The following revised Contract Drawings will be issued to the successful Bidder.
   Volume 1 – Drawings 32
   Volume 2 – Drawing 281
   Volume 4 – Drawings, 651, 656, 668, 688, 710, 727, 758, 759, 768,799 and 800.

Volume 5 – Drawings, 919, 920, 955, 956 and 971
Volume 6 – Drawings 1134H through 1134O .

10. The following revised Agency Standard Drawings will be issued to the successful Bidder.
    E4-07, 781001-04 & 837001-05

11. The minutes and sign-in sheet from the Optional Pre-Bid Meeting held on **October 10, 2019** are included in this Addendum.

12. Responses to Request for Information received from the Plan Holders are included in this Addendum.

13. Soils information for the Stockpile sites is provided in the On-Line plan room. See revised SP 119 for list.

CHANGES TO THE CONTRACT REQUIREMENTS

CHANGES TO THE ADVERTISEMENT FOR SEALED BID

Change #1 Contract Requirements, Volume I, replace pages CL-1 through CL-3 with CL-1R through CL-3R (attached) . This replacement contains the following revisions:

1.1. DBE 2025 are now required at the time of Bid.
1.2. VOSB 2025 are now required at the time of Bid.
1.3. Equal Employment Opportunity goals are now required at the time of Bid.

CHANGES TO THE SCHEDULE OF PRICES

SUMMARY OF REVISIONS TO PAY ITEMS QUANTITIES

SP. PROV. *	PAY ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	CHANGE	NEW QUANTITY
*	20400800	FURNISHED EXCAVATION	CU YD	132,710	10,000	142,710
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	678	378	1056
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	1376	978	2354
	25100630	EROSION CONTROL BLANKET	SQ YD	106,064	87,677	193,741
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8899	-631	8268
	28100105	STONE RIPRAP, CLASS A3	SQ YD	273	-36	237
BDE	28200200	FILTER FABRIC	SQ YD	99	-36	63
	28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	0	36	36
GBSP	50300255	CONCRETE SUPERSTRUCTURE	CU YD	4640	-9.6	4630.4
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2,105,620	610	2,106,230
	52200010	TEMPORARY SHEET PILING	SQ FT	2660	130	2790
	70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	18	-4	14
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	0	3	3
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	26	-1	25
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	0	3	3
D1	80400100	ELECTRIC SERVICE INSTALLATION	EACH	3	1	4
D1	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	3442	45	3487
D1	81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	1955	150	2105
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	0	1
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	2	1	3
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	73,859	390	74,249
*	X2040805	FURNISHED EXCAVATION (SPECIAL)	CU YD	50,000	-10,000	40,000
*	JI637030	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 42 INCH	FOOT	52	-52	0
*	JI637032	CONCRETE BARRIER BASE FOR SINGLE FACE BARRIER, REINFORCED, 42 INCH	FOOT	52	-52	0
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	0	1474	1474

**	JS280050	SILT FENCE	FOOT	17023	442	17465
**	JS280051	RE-ERECT SILT FENCE	FOOT	3404	89	3493
*	JT640002	SNOW PROTECTION FENCE (SPECIAL)	FOOT	20	-4	16
*	JT900088	SETTLEMENT MONITORING	CAL MO	0	9	9
*	JT154112	ALLOWANCE FOR ADDITIONAL ELECTRICAL AND COMMUNICATION WORK	UNIT	0	10000	10000
*	JT154168	ALLOWANCE FOR HAUL ROAD MAINTENANCE	UNIT	0	40000	40000

* Denotes Special Provision

Change #2 Contract Requirements, Volume I, pages P-5, P-7, P-8, P12, P-14, P-15, P-18, P-21, P-22, P-24, P-25, P-26 and P-27 replaced with pages P-5R, P-7R, P-8R, P12R, P-14R, P-15R, P-18R, P-21R, P-22R, P-24R, P-25R, P-26R and P-27R. This replacement contains the following revisions (attached):

2.1. Revised the quantities per the above Summary Of Revisions To Pay Items Quantities table.

Change #3 Contract Requirements, Volume I, page P-16 replaced with page P-16R. This replacement contains the following revisions (attached):

3.1. Revised the pay item description for item 84400105 from REMOVAL OF EXISTING LIGHTING UNIT to RELOCATE EXISTING LIGHTING UNIT

3.2. Revised the quantities per the above Summary Of Revisions To Pay Items Quantities table

CHANGES TO THE CONTRACT SPECIAL PROVISIONS

Change #4 Contract Requirements, Volume II, replace pages TOC-1, TOC-2, TOC-6, TOC-7, TOC-8, and TOC-12 with pages TOC-1R, TOC-2R, TOC-6R, TOC-7R, TOC-8R, and TOC-12R. This replacement contains the following revisions (attached):

4.1. Revised index for special Provision updates

Change #5 Contract Requirements, Volume II, replace page J-6 with page J-6R. This replacement contains the following revisions (attached):

5.1. Revised plan index for added plan sheets 1134A through 1134G.

Change #6 Contract Requirements, Volume II, replace pages J-9 and J-13 with pages J-9R and J-13R. This replacement contains the following revisions (attached):

6.1. Revised plan index for corrected Tollway (E4-07) standard revision numbers.

6.2. Deleted Tollway standards F13 and F15.

6.3. Revised plan index for corrected IDOT (781001-04 and 837001-05) standard revision numbers.

Change #7 Contract Requirements, Volume II, replace page J-14 with page J-14R and add J-14A. This replacement contains the following revisions (attached):

7.1. Added section S.P 104.1 to specify a work restriction on I-57: the contractor will not have access until June 1, 2020.

Change #8 Contract Requirements, Volume II, replace page J-53 with page J-53R . This replacement contains the following revisions (attached):

8.1. Revised S.P 119 to note posting of soils reports for Ogden and MWRD soil stockpiles.

Change #9 Contract Requirements, Volume II, add the following Special Provision J-60A through J60D. These new pages contain the following information (attached):

9.1. **S.P. Furnished Excavation:** new SP.

Change #10 Contract Requirements, Volume II, replace page J-215 with page J-215R . This replacement contains the following revisions (attached):
10.1. Deleted items JI637030 and JI637032.

Change #11 Contract Requirements, Volume II, replace pages J-264 through J-314 with pages J-264R through J-314R and delete pages J-315 through J-321. This replacement contains the following revisions (attached):
11.1. **S.P. Plaza Electrical Work:** Replace entire SP.

Change #12 Contract Requirements, Volume II, add the following Special Provision J-353A. This new page contains the following information (attached):
12.1. **S.P. Allowance For Additional Electrical And Communication Work:** new SP.

Change #13 Contract Requirements, Volume III, replace pages TOC-1, TOC-2, TOC-6, TOC-7, TOC-8, and TOC-12 with pages TOC-1R, TOC-2R, TOC-6R, TOC-7R, TOC-8R, and TOC-12R. This replacement contains the following revisions (issued to successful bidder):
13.1. Revised index for special Provision updates

Change #14 Contract Requirements, Volume II, add the following Special Provision J-367A. This new page contains the following information (attached):
14.1. **S.P. Allowance For MWRDGC Site Maintenance:** new SP.

Change #15 Contract Requirements, Volume II, add the following Special Provision J-440A through 440D. These new pages contain the following information (attached):
15.1. **S.P. Water Transmission Main Protection:** new SP.

Change #16 Contract Requirements, Volume III, replace page D1-8 with page D1-8R. This replacement contains the following revisions (attached):
16.1. **S.P Electric Service Installation (D1)** revised unit of measure to EACH to match P-pages and text of S.P.

Change #17 Contract Requirements, Volume III, replace page D1-9 with page D1-9R. This replacement contains the following revisions (attached):
17.1. **S.P Electric Utility Service Connection (ComEd)(D1):** added additional service location.

Change #18 Contract Requirements, Volume III, add the following Special Provision GBSP-20A through GBSP-20E. These new pages contain the following information (attached):
18.1. **S.P. Slipform Parapet (IDOT GBSP)**

CHANGES TO THE CONTRACT DRAWINGS

Change #19 Contract Plans, Volume 1, Drawings 6, 8, 12, 14, 15, 17, 19, 20, 22 and 23. Summary of Quantities (issued to successful Bidder.)
19.1. These drawings have been revised to reflect changes in the revised schedule of prices accompanying this addendum.

Change #20 Contract Plans, Volume 1, Drawing 32. Schedule of Quantities. This drawing contains the following revisions (issued to successful Bidder.):

20.1. Revised Sheet. Furnished excavation (special) reduced by -10,000 to 40,000 CU YD, Furnished Excavation increased by 10,000 to 78,070 CU YD. Note: new Furnished Excavation sp indicated above.

Change #21 Contract Plans, Volume 1, Drawings 102, 122, 131 and 168. Maintenance of Traffic. This drawing contains the following revisions (attached):

21.1. Attenuator type changed to 'severe use'.

Change #22 Contract Plans, Volume 2, Drawing 330. Erosion Control General Notes. This drawing contains the following revisions (attached):

22.1. General notes revised completely.

Change #23 Contract Plans, Volume 2, Drawings 331 and 334. Erosion Control Schedules. These drawings contain the following revisions (attached):

23.1. Quantities revised to be consistent with change to plans as well as changes in the revised schedule of prices.

Change #24 Contract Plans, Volume 2, Drawings 335 through 338. Erosion Control Overview plans. These drawings contain the following revisions (attached):

24.1. Depiction of floodway and floodplains revised.

Change #25 Contract Plans, Volume 2, Drawings 339 through 367. Erosion Control plans. These drawings contain the following revisions (attached):

25.1. Same Day stabilization defined for steep slopes.

25.2. Legend amended to define items for same day stabilization. Quantities revised accordingly and consistent with changes in the revised schedule of prices.

Change #26 Contract Plans, Volume 2, Drawing 281. Proposed Drainage Profiles. This drawing contains the following revisions (issued to successful bidder):

26.1. Revised to add missing profile information.

Change #27 Contract Plans, Volume 3, Drawing 528. Toll Plaza Pavement Details. This drawing contains the following revisions (attached):

27.1. Revised to clarify the cross section.

Change #28 Contract Plans, Volume 3, Drawing 529. Toll Plaza Pavement Details. This drawing contains the following revisions (attached):

28.1. Revised to revise the grooving to coincide with the current Tollway loop layout.

Change #29 Contract Plans, Volume 3, Drawing 533. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):

29.1. Revise to add pay item and quantities.

Change #30 Contract Plans, Volume 3, Drawing 534. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):

30.1. Revise conduit callouts to summary of quantities

Change #31 Contract Plans, Volume 3, Drawing 536. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):

31.1. Revise cable callouts to current Tollway guidance

Change #32 Contract Plans, Volume 3, Drawing 537, 538 and 539. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):

32.1. Revise plan to current Tollway guidance

Change #33 Contract Plans, Volume 3, Drawing 540. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):
33.1. Revise loop layout to current Tollway guidance

Change #34 Contract Plans, Volume 3, Drawing 541. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):
34.1. Revise cable callouts to current Tollway guidance

Change #35 Contract Plans, Volume 3, Drawing 542. Toll Plaza Electrical plan. This drawing contains the following revisions (issued to successful Bidder.):
35.1. Revise single line to current Tollway guidance

Change #36 Contract Plans, Volume 3, Drawing 543 through 546, 551, 552, and 554. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):
36.1. Revise details to current Tollway guidance

Change #37 Contract Plans, Volume 3, Drawing 557. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):
37.1. Revise VES details to current Tollway guidance

Change #38 Contract Plans, Volume 3, Drawing 560. Toll Plaza Electrical plan. This drawing contains the following revisions (attached):
38.1. Revise single line to match proposed plan

Change #39 Contract Plans, Volume 3, Drawing 561. Toll Plaza Structural plan. This drawing contains the following revisions (attached):
39.1. Revise the Index of Drawings to add sheets for the 2018 versions of Tollway Standards F13 and F15. Revise Design and Construction Specifications to reference the current Tollway versions.

Change #40 Contract Plans, Volume 3, Drawing 562. Toll Plaza Structural plan. This drawing contains the following revisions (attached):
40.1. Revise Total Bill of Materials.

Change #41 Contract Plans, Volume 3, Drawing 564. Toll Plaza Structural plan. This drawing contains the following revisions (attached):
41.1. Revise details, notes and quantities for Snow Protection Fence (Special).

Change #42 Contract Plans, Volume 3, Drawing 565 through 568. Toll Plaza Structural plan. This drawing contains the following revisions (attached.):
42.1. Revise notes to reference added plan details instead of Tollway standards

Change #43 Contract Plans, Volume 3, New Drawings 571A through 571I. Toll Plaza Structural details. These new drawings contain the following revisions (attached):
43.1. Added contract details.

Change #44 Contract Plans, Volume 3, Drawing 573, 574, 581, 592, 600, and 610. IDOT Lighting. These drawings contains the following revisions (attached.):
44.1. Remove and reinstall electric service for Controller K1.

CHANGES TO THE CONTRACT DRAWINGS (NB over 149th)

Change #45 Contract Plans, Volume 4, Drawing 651, General Plan and Elevation. This drawing contains the following revisions (issued to the successful bidder):

45.1. Revised Stage Construction Line callouts.

Change #46 Contract Plans, Volume 4, Drawing 652, General Data. This drawing contains the following revisions (attached):

46.1. Added parapet slipforming option to the index of sheets.

46.2. Reinforcement Bars, epoxy coated quantity updated.

Change #47 Contract Plans, Volume 4, Drawing 653, General Notes. This drawing contains the following revisions (attached):

47.1. General note 13 updated.

Change #48 Contract Plans, Volume 4, Drawing 656, Foundation Layout. This drawing contains the following revisions (issued to the successful bidder):

48.1. Section B-B arrows moved.

Change #49 Contract Plans, Volume 4, Drawing 662, Deck Details. This drawing contains the following revisions (attached):

49.1. Note added to parapet joint derails.

Change #50 Contract Plans, Volume 4, Drawing 665, Approach Slab Plan. This drawing contains the following revisions (attached):

50.1. Approach Footing width updated.

50.2. Approach Slab Plan updated at the barrier/Curb transition.

50.3. View B-B updated.

50.4. Detail A updated.

50.5. General Note 6 updated.

Change #51 Contract Plans, Volume 4, Drawing 666, Approach Slab Details. This drawing contains the following revisions (attached):

51.1. Notes for Anchor Bolt added.

51.2. Reinforcement bar edits.

51.3. General Note 11 added.

51.4. Updated some reinforcement bars in the bill of material.

51.5. Reinforcement bars, epoxy coated total updated.

Change #52 Contract Plans, Volume 4, Drawing 668, Beam Elevation. This drawing contains the following revisions (issued to the successful bidder):

52.1. Moment table for Existing Girder 2 added.

Change #53 Contract Plans, Volume 4, Drawing 669, Steel Details. This drawing contains the following revisions (attached):

53.1. Fixed Bearing detail updated.

Change #54 Contract Plans, Volume 4, Drawing 677, North Abutment Footing. This drawing contains the following revisions (attached):

54.1. Line work for Existing Structure added.

Change #55 Contract Plans, Volume 4, Drawing 683. This drawing contains the following revisions (attached):

55.1. Parapet Slipforming option details added to this sheet.

55.2. Sheet Titled changed to "Parapet Slipforminig Option".

CHANGES TO THE CONTRACT DRAWINGS (SB over 149th)

Change #56 Contract Plans, Volume 4, Drawing 688, General Plan and Elevation. This drawing contains the following revisions (issued to the successful bidder):

56.1. Revised Stage Construction Line callouts.

Change #57 Contract Plans, Volume 4, Drawing 689, General Data. This drawing contains the following revisions (attached):

57.1. Added parapet slipforming option to the index of sheets.

57.2. Reinforcement Bars, epoxy coated quantity updated.

Change #58 Contract Plans, Volume 4, Drawing 690, General Notes. This drawing contains the following revisions (attached):

58.1. General note 13 updated.

Change #59 Contract Plans, Volume 4, Drawing 698, Deck Plan. This drawing contains the following revisions (attached):

59.1. Cross slope added to widening of SB I-57 on Section A-A.

59.2. Line work updated for the overlay on Section B-B.

Change #60 Contract Plans, Volume 4, Drawing 699, Superstructure Details. This drawing contains the following revisions (attached):

60.1. Revised parapet joint notes and locations.

Change #61 Contract Plans, Volume 4, Drawing 702, Approach Slab Plan. This drawing contains the following revisions (attached):

61.1. Approach Footing width updated.

61.2. Approach Slab Plan updated at the barrier/Curb transition.

61.3. View B-B updated.

61.4. Detail A updated.

61.5. Note 6 updated.

Change #62 Contract Plans, Volume 4, Drawing 703, Approach Slab Details. This drawing contains the following revisions (attached):

62.1. Reinforcement bar edits.

62.2. General Note 10 added.

62.3. Updated some reinforcement bars in the bill of material.

62.4. Reinforcement bars, epoxy coated total updated.

Change #63 Contract Plans, Volume 4, Drawing 706, Steel Details. This drawing contains the following revisions (attached):

63.1. Fixed Bearing detail updated.

Change #64 Contract Plans, Volume 4, Drawing 710, South Abutment Plan and Elev. This drawing contains the following revisions (issued to the successful bidder):

64.1. Wingwall line work updated on abutment plan view.

Change #65 Contract Plans, Volume 4, Drawing 720. This drawing contains the following revisions (attached):

65.1. Parapet Slipforming option details added to this sheet.

Sheet Titled changed to "Parapet Slipforminig Option".

CHANGES TO THE CONTRACT DRAWINGS (NB 57 over 147th)

Change #66 Contract Plans, Volume IV, Drawing 725, General Plan and Elevation. This drawing contains the following revisions (attached):

66.1. Revised location of Temporary sheet piling at abutment.
66.2. Clarified Construction Staging numbers.

Change #67 Contract Plans, Volume IV, Drawing 726, General Data and Notes. This drawing contains the following revisions (attached):

67.1. Revised quantity for Reinforcement Bars, Epoxy Coated.
67.2. Revised quantity of temporary sheet piling.
67.3. Revised Index of Sheets for parapet slipforming option.
67.4. Revised General Note on Slipforming

Change #68 Contract Plans, Volume IV, Drawing 727, Stage Construction. This drawing contains the following revisions (issued to successful Bidder):

68.1. Temporary Concrete Barrier Callout modified.

Change #69 Contract Plans, Volume IV, Drawing 729, Substructure layout. This drawing contains the following revisions (attached):

69.1. Revised temporary sheet pile details.
69.2. Revised staging callouts.

Change #70 Contract Plans, Volume IV, Drawing 740, Parapet Elev. And Details. This drawing contains the following revisions (attached):

70.1. Parapet Joint callout clarification.

Change #71 Contract Plans, Volume IV, Drawing 742, Superstructure Details-2. This drawing contains the following revisions (attached):

71.1. Integral Abutment Bearing revised notes.

Change #72 Contract Plans, Volume IV, Drawing 743, N.B. I-57 - S. APP. SLAB - 1. This drawing contains the following revisions (attached):

72.1. Revised Notes.
72.2. Revised Detail A

Change #73 Contract Plans, Volume IV, Drawing 744, N.B. I-57 - S. APP. SLAB - 2. This drawing contains the following revisions (attached):

73.1. Revised quantity for Reinforcement Bars, Epoxy Coated.
73.2. Revised one general note.
73.3. Revised reinforcing bar details

Change #74 Contract Plans, Volume IV, Drawing 745, N.B. I-57 - N. APP. SLAB - 1. This drawing contains the following revisions (attached):

74.1. Revised Notes.
74.2. Revised Detail A

Change #75 Contract Plans, Volume IV, Drawing 746, N.B. I-57 - N. APP. SLAB - 2. This drawing contains the following revisions (attached):

75.1. Revised one general note on payment.

Change #76 Contract Plans, Volume IV, Drawing 747, C-D ROAD A - S. APP. SLAB-1. This drawing contains the following revisions (attached):

76.1. Revised one general note.
76.2. Revised Detail A and View B-B.
76.3. Revised plan view near parapet.

Change #77 Contract Plans, Volume IV, Drawing 748, C-D ROAD A - S. APP. SLAB-2. This drawing contains the following revisions (attached):
77.1. Revised quantity for Reinforcement Bars, Epoxy Coated.
77.2. Revised one general note.
77.3. Revised reinforcing bar details for parapet

Change #78 . Contract Plans, Volume IV, Drawing 749, C-D ROAD A - N. APP. SLAB-1. This drawing contains the following revisions (attached):
78.1. Revised one general note.
78.2. Revised Detail A and View B-B.
78.3. Revised plan view near parapet.

Change #79 Contract Plans, Volume IV, Drawing 750, C-D ROAD A - N. APP. SLAB-2. This drawing contains the following revisions (attached):
79.1. Revised one general note.
79.2. Revised anchor bolt notes.

Change #80 Contract Plans, Volume IV, Drawing 753, BEARING DETAILS. This drawing contains the following revisions (attached):
80.1. Revised lateral load on bearing.

Change #81 Contract Plans, Volume IV, Drawing 756, C-D ROAD A - S. ABUTMENT. This drawing contains the following revisions (attached):
81.1. Added construction joint location.

Change #82 Contract Plans, Volume IV, Drawing 757, C-D ROAD A - N. ABUTMENT. This drawing contains the following revisions (attached):
82.1. Added construction joint location.

Change #83 Contract Plans, Volume IV, Drawing 758, NB I-57 PIER. This drawing contains the following revisions ((issued to successful Bidder):
83.1. Added heading below detail.

Change #84 Contract Plans, Volume IV, Drawing 759, C-D ROAD A- PIER. This drawing contains the following revisions (issued to successful Bidder):
84.1. Added heading below detail.

Change #85 Contract Plans, Volume IV, New Drawing 761A, PARAPET SLIPFORMING OPTION. This drawing contains the following revisions (attached):
85.1. New Sheet – Parapet Slipforming details.

CHANGES TO THE CONTRACT DRAWINGS (SB 57 over 147th)

Change #86 Contract Plans, Volume IV, Drawing 766, General Plan and Elevation. This drawing contains the following revisions (attached):
86.1. Revised location of Temporary sheet piling at abutment.
86.2. Clarified Construction Staging numbers.

Change #87 Contract Plans, Volume IV, Drawing 767, General Data and Notes. This drawing contains the following revisions (attached):

87.1. Revised quantity for Reinforcement Bars, Epoxy Coated.
87.2. Revised Index of Sheets for parapet slipforming option.
87.3. Revised General Note on Slipforming

Change #88 Contract Plans, Volume IV, Drawing 768, Stage Construction. This drawing contains the following revisions (issued to successful Bidder):

88.1. Temporary Concrete Barrier Callout modified.

Change #89 Contract Plans, Volume IV, Drawing 770, Substructure layout. This drawing contains the following revisions (attached):

89.1. Revised temporary sheet pile details.
89.2. Revised Staging callouts.

Change #90 Contract Plans, Volume IV, Drawing 781, Parapet Elevations and Details. This drawing contains the following revisions (attached):

90.1. Parapet Joint callout clarification.

Change #91 Contract Plans, Volume IV, Drawing 783, Superstructure Details-2. This drawing contains the following revisions (attached):

91.1. Integral Abutment Bearing revised notes.

Change #92 Contract Plans, Volume IV, Drawing 784, C-D Road C-S. App. Slab-1. This drawing contains the following revisions (attached):

92.1. Revised Notes.
92.2. Revised Detail A and View B-B
92.3. Modified north parapet plan.

Change #93 Contract Plans, Volume IV, Drawing 785, C-D Road C-S. App. Slab-2. This drawing contains the following revisions (attached):

93.1. Revised quantity for Reinforcement Bars, Epoxy Coated.
93.2. Revised one general note.
93.3. Revised reinforcing bar details.
93.4. Revised anchor bolt notes.

Change #94 Contract Plans, Volume IV, Drawing 786, C-D Road N.B. I-57 - N. APP. SLAB - 1. This drawing contains the following revisions (attached):

94.1. Revised Notes.
94.2. Revised Detail A and View B-B
94.3. Modified north parapet plan.

Change #95 Contract Plans, Volume IV, Drawing 787, C-D Road N.B. I-57 - N. APP. SLAB - 2. This drawing contains the following revisions (attached):

95.1. Revised one general note on payment.

Change #96 Contract Plans, Volume IV, Drawing 788, S.B. I-57 - S. APP. SLAB - 1. This drawing contains the following revisions (attached):

96.1. Revised one general note.
96.2. Revised Detail A.

Change #97 Contract Plans, Volume IV, Drawing 789, S.B. I-57 - S. APP. SLAB - 2. This drawing contains the following revisions (attached):

97.1. Revised quantity for Reinforcement Bars, Epoxy Coated.
97.2. Revised one general note on payment.
97.3. Revised reinforcing bar details for parapet

Change #98 . Contract Plans, Volume IV, Drawing 790, S.B. I-57 - N. APP. SLAB - 1. This drawing contains the following revisions (attached):

98.1. Revised one general note.
98.2. Revised Detail A.

Change #99 Contract Plans, Volume IV, Drawing 791, S.B. I-57 - N. APP. SLAB - 2. This drawing contains the following revisions (attached):

99.1. Revised one general note on payment.

Change #100 Contract Plans, Volume IV, Drawing 794, BEARING DETAILS. This drawing contains the following revisions (attached):

100.1. Revised lateral load on bearing.

Change #101 Contract Plans, Volume IV, Drawing 795, C-D ROAD C - SOUTH ABUTMENT. This drawing contains the following revisions (attached):

101.1. Added construction joint location.

Change #102 Contract Plans, Volume IV, Drawing 796, C-D ROAD C - N. ABUTMENT. This drawing contains the following revisions (attached):

102.1. Added construction joint location.

Change #103 Contract Plans, Volume IV, Drawing 799, C-D Road C PIER. This drawing contains the following revisions (issued to successful Bidder):

103.1. Added heading below detail.

Change #104 Contract Plans, Volume IV, Drawing 800, S.B. I-57 Pier. This drawing contains the following revisions (issued to successful Bidder):

104.1. Added heading below detail.

Change #105 Contract Plans, Volume IV, New Drawing 802A, PARAPET SLIPFORMING OPTION. This drawing contains the following revisions (attached):

105.1. New Sheet – Parapet Slipforming details.

CHANGES TO THE CONTRACT DRAWINGS (NB 57 over Dixie)

Change #106 Contract Plans, Volume IV, Drawing 808, General Data. This drawing contains the following revisions (attached):

106.1. Revised quantity of Reinforcement Bars, Epoxy Coated.
106.2. Revised quantity of Concrete Superstructure.
106.3. Added Parapet Slipforming option sheet.

Change #107 Contract Plans, Volume IV, Drawing 809, Gen. Notes/Slopewall Details. This drawing contains the following revisions (attached):

107.1. Modified slipforming note.

Change #108 Contract Plans, Volume IV, Drawing 823, Approach Slab Plan. This drawing contains the following revisions (attached):

108.1. Revised Detail A.
108.2. Revised parapet configuration.
108.3. Revised several reinforcement bars.
108.4. Revised approach slab width.

Change #109 Contract Plans, Volume IV, Drawing 824, Approach Slab Detail. This drawing contains the following revisions (attached):

109.1. Revised several reinforcement bars.
109.2. Revised quantity of Reinforcement Bars, Epoxy Coated.
109.3. Revised quantity of Concrete Superstructure.
109.4. Revised parapet detailing.

Change #110 Contract Plans, Volume IV, Drawing 844, N. Abutment Plan and Elev. This drawing contains the following revisions (attached):

110.1. Revised wingwall geometry.

Change #111 Contract Plans, Volume IV, Drawing 845, North Abutment Wingwall. This drawing contains the following revisions (attached):

111.1. Revised parapet geometry wingwall geometry.
111.2. Revised anchor bolt notes.

Change #112 Contract Plans, Volume IV, Drawing 849A, Parapet Slipforming option. This drawing contains the following revisions (attached):

112.1. New sheet.

CHANGES TO THE CONTRACT DRAWINGS (SB 57 over Dixie)

Change #113 Contract Plans, Volume V, Drawing 862, General Data. This drawing contains the following revisions (attached):

113.1. Revised quantity of Reinforcement Bars, Epoxy Coated.
113.2. Revised quantity of Concrete Superstructure.
113.3. Added Parapet Slipforming option sheet.

Change #114 Contract Plans, Volume V, Drawing 863, General Notes. This drawing contains the following revisions (attached):

114.1. Modified slipforming note.

Change #115 Contract Plans, Volume V, Drawing 878, Approach Slab Plan. This drawing contains the following revisions (attached):

115.1. Revised Detail A.
115.2. Revised parapet configuration.
115.3. Revised approach slab width.

Change #116 Contract Plans, Volume V, Drawing 879, Approach Slab Detail. This drawing contains the following revisions (attached):

116.1. Revised several reinforcement bars.
116.2. Revised quantity of Reinforcement Bars, Epoxy Coated.
116.3. Revised quantity of Concrete Superstructure.
116.4. Revised parapet detailing, removed View C-C.

Change #117 Contract Plans, Volume V, Drawing 908A, Parapet Slipforming option. This drawing contains the following revisions (attached):
117.1. New sheet.

CHANGES TO THE CONTRACT DRAWINGS (wall 36)

Change #118 Contract Plans, Volume V, Drawing 918, General Data. This drawing contains the following revisions (attached):
118.1. Revised Name Plate verbiage.
118.2. Revised index of sheets to include Parapet Slipforming.
118.3. Revised General Note on Slipforming.

Change #119 Contract Plans, Volume V, Drawing 919, Plan and Parapet Elev.1. This drawing contains the following revisions (issued to successful Bidder):
119.1. Revised parapet dimension-no change to quantity.

Change #120 Contract Plans, Volume V, Drawing 920, Plan and Parapet Elev.2. This drawing contains the following revisions (issued to successful Bidder):
120.1. Revised parapet dimension-no change to quantity.

Change #121 Contract Plans, Volume V, New Drawing 924A, PARAPET SLIPFORMING OPTION. This drawing contains the following revisions (attached):
121.1. New Sheet – Parapet Slipforming details.

CHANGES TO THE CONTRACT DRAWINGS (wall 25)

Change #122 Contract Plans, Volume V, Drawing 938, General Data. This drawing contains the following revisions (attached):
122.1. Revised Name Plate verbiage.
122.2. Revised index of sheets to include Parapet Slipforming.
122.3. Revised General Note on Slipforming.

Change #123 Contract Plans, Volume V, New Drawing 944A, PARAPET SLIPFORMING OPTION. This drawing contains the following revisions (attached):
123.1. New Sheet – Parapet Slipforming details.

CHANGES TO THE CONTRACT DRAWINGS (wall 28)

Change #124 Contract Plans, Volume V, Drawing 955, General Plan and Elevation. This drawing contains the following revisions (issued to successful Bidder):
124.1. Revised Wall Stationing in title to drawing-no quantity change.

Change #125 Contract Plans, Volume V, Drawing 956, General Data. This drawing contains the following revisions (issued to successful Bidder):
125.1. Revised Name Plate verbiage.

CHANGES TO THE CONTRACT DRAWINGS (wall 26)

Change #126 Contract Plans, Volume V, Drawing 971, General Data. This drawing contains the following revisions (issued to successful Bidder):

126.1. Revised Name Plate verbiage.

Change #127 Contract Plans, Volume 6, New Drawings 1134A through 1134G, Stockpile sites. These new drawings contain the following revisions (attached):

127.1. New drawings for MWRD and Ogden Avenue stockpile including existing conditions, grading and erosion control .

Change #128 Contract Plans, Volume 6, New Drawings 1134H through 1134O, Cross sections for 147th Street and 149th Street. These new drawings contain the following revisions (Issued to successful bidder):

128.1. New drawings for cross sections along 147th Street and 149th Street under the I-57 bridges.

CHANGES TO THE CONTRACT DRAWINGS (Agency Standard Drawings)

Change #129 Contract Plans, Standard Drawings, E4-07, Maintenance of Traffic Reverse Curve. This drawing contains the following revisions (issued to successful Bidder):

129.1. Current Standard

Change #130 Contract Plans, Standard Drawings, 781001-04 , Typical Application Raised Reflective Pavement Markers. This drawing contains the following revisions (issued to successful Bidder):

130.1. Current Standard.

Change #131 Contract Plans, Standard Drawings, 837001-05 , Light Tower Foundation. This drawing contains the following revisions (issued to successful Bidder):

131.1. Current Standard.

END OF ADDENDUM CHANGES

Documents Required with the Bid

Bidder should use this checklist to ensure that all required documents are completed and included with its bid.

Required Documents	Reference Volume I	Comments and Important Information		Included with Bid ✓
Forms A (22 pages) or Forms B (3 or more pages)	Section N	Forms A or Forms B must be submitted with the bid or the bid will be considered non-responsive.	If a Joint Venture, must be submitted for each Joint Venture Partner	
Disadvantaged Business Enterprise • **DBE 2026-Utilization Plan** • **DBE 2025** • **DBE 2023 if needed**	Section I #27 DBE Special Provision	Required for all solicitations with DBE goals. See DBE Special Provision for additional information. If goal is 0% the forms are not required.		
Veteran Small Business Participation and Utilization • **VOSB 2026-Utilization Plan** • **DBE 2025** • **VOSB 2023 if needed**	Section I #28 VOSB Special Provision	Required for all solicitations with Veteran goals. See Veterans Special Provision for additional information. If goal is 0% the form is not required.		
Equal Employment Opportunity EEO 1256	Section I #29 & EEO Special Provision	Required for all solicitations with Equal Employment Opportunity goals.		
Optional Bid Credit Incentive Program Certificates	Section I #30 Bid Credit Incentive Programs Special Provision	If Bid Credit is utilized, Bid Credit Certificates are required in bid submittal See Bid Credit Incentive Programs Special Provision for additional information		
Page P-1 with Addendum noted, Page P-2 with Bid Guaranty completed, Page P-3 completed with signatures,	Section I-#4 P-Pages	Fill in all available pay item prices with values of $0.01 or greater.		

P-4			
Bid Bond, Signature and Corporate Seal	Page 2 and 3 of the "P" Pages	If a Joint Venture, Bid Bond must be in the name of the Joint Venture. Signature and Corporate Seal page (last) must be submitted for each Joint Venture Partner.	
Preferences, Contacts and Affidavit	Section R	If a Joint Venture, required from each Joint Venture Partner (If required)	
IDOT Certificate of Eligibility (If required—See Page A-1)	A-1 & Section I #9	If a Joint Venture, must be submitted for each Joint Venture Partner	
Non-Collusion Affidavit	Page R-4	If a Joint Venture, must be submitted for each Joint Venture Partner	
Tollway Standard Terms & Conditions	Section TC	If a Joint Venture, must be submitted for each Joint Venture Partner	
Plant and Equipment Questionnaire and Current Contractual Obligations	Section I #9 & Section S	If a Joint Venture, must be submitted for each Joint Venture Partner	
Responsible Bidder Affidavit PA-1 signed and Notary Seal	Section I #37	If a Joint Venture, must be submitted for each Joint Venture Partner	

Documents Required from Lowest Responsive/Responsible Bidder Upon Request from the Tollway

(Notice of Intent e-mail will be sent requesting these items

Agreement	Section T	If a Joint Venture, must be signed by both Joint Venture Partners
Performance Bond	Section U	If a Joint Venture, must be executed by both Joint Venture Partners
Payment Bond	Section V	If a Joint Venture, must be executed by both Joint Venture Partners
Insurance	Section I #17	If a Joint Venture insurance must be in the name of both Joint Venture Partners

Evidence of authority of company representatives to execute the contract, such as Board of Directors' Minutes, or a resolution authorizing officers of the firm to execute the contract documents
Certificates showing authorization to do business in Illinois if your firm is not an Illinois corporation.
Any supplemental financial or experience information if requested by the Illinois Tollway.
A completed Signature Authority Form designating any and all individuals to execute on behalf of the company any and all contract modifications or documentation
If a Joint Venture, a copy of the executed Joint Venture Agreement between all partners that identifies the Managing Partner. Unless specifically directed otherwise in writing by the joint venture, the Managing Partner's FEIN will be used for payment and tax purposes
A completed W-9 form if this is the first time the company is conducting business with the Tollway as a Prime Contractor. Please refer to the following link for the most current IRS W-9 form: http://www.irs.gov/pub/irs-pdf/fw9.pdf
A copy of your IRS Assignment/Acceptance Letter if this is the first time the company is conducting business with the Tollway as a Prime Contractor, or if it has been a long time since you have done work with the Tollway and have never provided the document.
As applicable to the Contract, Proof of Certification from each firm listed on DBE Form(s) 2025 and or VOSB Form(s) 2025. Please refer to the Special Provision for Disadvantaged Business Enterprise Participation and the Veteran Small Business Participation and Utilization Plan for a list of Certifying Agencies accepted by the Tollway. Proof of Certification includes Original letter of Certification, Certification Certificate, or the company listing in the Certifying Agency's database.

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION
AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3531		$ -
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	2316		$ -
*	20100500	TREE REMOVAL, ACRES	ACRE	1.0		$ -
*	20200100	EARTH EXCAVATION	CU YD	20850		$ -
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1805		$ -
*	20400800	FURNISHED EXCAVATION	CU YD	142710		$ -
D1	20800150	TRENCH BACKFILL	CU YD	4186		$ -
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	78914		$ -
*	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	13267		$ -
	25000210	SEEDING, CLASS 2A	ACRE	7.5		$ -
	25000312	SEEDING, CLASS 4A	ACRE	12.25		$ -
	25000320	SEEDING, CLASS 5	ACRE	12.25		$ -
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1056		$ -
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1		$ -
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2354		$ -
	25100630	EROSION CONTROL BLANKET	SQ YD	193741		$ -
	25200110	SODDING, SALT TOLERANT	SQ YD	3492		$ -
	25200200	SUPPLEMENTAL WATERING	UNIT	4423		$ -
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8268		$ -
	28100105	STONE RIPRAP CLASS A3	SQ YD	237		$ -
BDE	28200200	FILTER FABRIC	SQ YD	63		$ -
	28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	36		$ -
*	30201500	LIME	TON	1000		$ -
*	30201600	FLY ASH	TON	1000		$ -
D1	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2383		$ -
D1	30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	10113		$ -
D1	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	67016		$ -
D1	30300116	AGGREGATE SUBGRADE IMPROVEMENT 16"	SQ YD	105		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
					DOLLARS	DOLLARS
	31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	110		$ -
D1	31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	54481		$ -
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	984		$ -
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	29219		$ -
*	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9686		$ -
	40600535	LEVELING BINDER (HAND METHOD), N70	TON	15		$ -
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	764		$ -
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	407		$ -
	40603085	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	142		$ -
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1983		$ -
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	1449		$ -
	42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	122		$ -
*	42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	2288		$ -
*	42000406	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SQ YD	8361		$ -
*	42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	30811		$ -
*	42000541	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQYD	515		$ -
	42001300	PROTECTIVE COAT	SQ YD	87756		$ -
*	42100200	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	5992		$ -
*	42100340	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	1480		$ -
*	42100360	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"	SQ YD	662		$ -
*	42100615	PAVEMENT REINFORCEMENT	SQ YD	8114		$ -
*	42101112	LUG SYSTEM COMPLETE 12'	EACH	6		$ -
*	42101416	LUG SYSTEM COMPLETE 16'	EACH	1		$ -
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17354		$ -
	42400800	DETECTABLE WARNINGS	SQ FT	97		$ -
D1	44000100	PAVEMENT REMOVAL	SQ YD	24350		$ -
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	5173		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4689		$ -
	44000600	SIDEWALK REMOVAL	SQ FT	10590		$ -
	44003100	MEDIAN REMOVAL	SQ FT	1470		$ -
	44004250	PAVED SHOULDER REMOVAL	SQ YD	20178		$ -
	44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	50		$ -
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	7171		$ -
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1269		$ -
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	2463		$ -
	48203049	HOT-MIX ASPHALT SHOULDERS, 13"	SQ YD	8197		$ -
D1/*	48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SQ YD	18468		$ -
D1/*	48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	55		$ -
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2		$ -
	50102400	CONCRETE REMOVAL	CU YD	668		$ -
	50104400	CONCRETE HEADWALL REMOVAL	EACH	1		$ -
	50104650	SLOPE WALL REMOVAL	SQ YD	289		$ -
	50157300	PROTECTIVE SHIELD	SQ YD	5280		$ -
	50200100	STRUCTURE EXCAVATION	CU YD	13389		$ -
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	1383		$ -
GBSP	50300225	CONCRETE STRUCTURES	CU YD	3474.9		$ -
GBSP	50300255	CONCRETE SUPERSTRUCTURE	CU YD	4630.4		$ -
	50300260	BRIDGE DECK GROOVING	SQ YD	9470		$ -
	50300280	CONCRETE ENCASEMENT	CU YD	43.0		$ -
	50300300	PROTECTIVE COAT	SQ YD	16335		$ -
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	1605.0		$ -
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1		$ -
	50500505	STUD SHEAR CONNECTORS	EACH	43728		$ -
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2106230		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	50800515	BAR SPLICERS	EACH	670		$ -
	50800530	MECHANICAL SPLICERS	EACH	90		$ -
	51100100	SLOPE WALL 4 INCH	SQ YD	3262		$ -
	51201800	FURNISHING STEEL PILES HP14x73	FOOT	14703		$ -
	51202305	DRIVING PILES	FOOT	14703		$ -
	51203800	TEST PILE STEEL HP14x73	EACH	20		$ -
	51204650	PILE SHOES	EACH	452		$ -
	51500100	NAME PLATES	EACH	10		$ -
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	565		$ -
	52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	34		$ -
	52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	17		$ -
	52100520	ANCHOR BOLTS, 1"	EACH	436		$ -
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	68		$ -
	52200010	TEMPORARY SHEET PILING	SQ FT	2790		$ -
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	23894		$ -
	52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	2405		$ -
	52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	12182		$ -
	52200250	UNTREATED TIMBER LAGGING	SQ FT	5694		$ -
BDE	52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	44766		$ -
BDE	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2		$ -
BDE	54261324	CONCRETE END SECTION, STANDARD 542001, 24", 1:3	EACH	1		$ -
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	625		$ -
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	877		$ -
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	849		$ -
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	655		$ -
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	454		$ -
	550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	993		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	770		$ -
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	498		$ -
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2289		$ -
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1172		$ -
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	367		$ -
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	5		$ -
	550A1050	STORM SEWERS, CLASS A, TYPE 4 36"	FOOT	22		$ -
	55100500	STORM SEWER REMOVAL 12"	FOOT	882		$ -
	55100700	STORM SEWER REMOVAL 15"	FOOT	5		$ -
	55101200	STORM SEWER REMOVAL 24"	FOOT	99		$ -
	55101600	STORM SEWER REMOVAL 36"	FOOT	36		$ -
	55101900	STORM SEWER REMOVAL 48"	FOOT	57		$ -
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	3262		$ -
	58700300	CONCRETE SEALER	SQ FT	20074		$ -
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1777		$ -
*	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	14		$ -
	60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	21		$ -
BDE	60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	863		$ -
	60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	26914		$ -
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	12		$ -
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3		$ -
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8		$ -
	60201005	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	2		$ -
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1		$ -
	60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	5		$ -
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	17		$ -
	60203605	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2		$ -
	60207205	CATCH BASINS, TYPE C, TYPE 4 FRAME AND GRATE	EACH	6		$ -
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	6		$ -
	60208210	CATCH BASINS, TYPE C, TYPE 20 FRAME AND GRATE	EACH	5		$ -
BDE	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2		$ -
BDE	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8		$ -
BDE	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2		$ -
BDE	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4		$ -
BDE	60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		$ -
BDE	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1		$ -
BDE	60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1		$ -
BDE	60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1		$ -
	60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	3		$ -
	60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	4		$ -
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	4		$ -
	60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	4		$ -
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	3		$ -
D1	60250200	CATCH BASINS TO BE ADJUSTED	EACH	26		$ -
D1	60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2		$ -
*	60255410	CATCH BASINS TO BE CLEANED	EACH	6		$ -
D1/*	60255500	MANHOLES TO BE ADJUSTED	EACH	42		$ -
D1/*	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6		$ -
D1	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	14		$ -
D1/*	60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	8		$ -
D1	60260100	INLETS TO BE ADJUSTED	EACH	8		$ -
	60270050	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	EACH	20		$ -
	60270055	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES	EACH	1		$ -

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					DOLLARS	DOLLARS
	60404910	FRAMES AND GRATES, TYPE 20	EACH	14		$ -
	60404930	FRAMES AND GRATES, TYPE 22	EACH	2		$ -
	60500050	REMOVING CATCH BASINS	EACH	40		$ -
	60500060	REMOVING INLETS	EACH	11		$ -
	60602800	CONCRETE GUTTER, TYPE B	FOOT	1474		$ -
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1550		$ -
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2260		$ -
	60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	458		$ -
	60608600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	51		$ -
	60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	36		$ -
	60610900	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	51		$ -
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	6133		$ -
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	2033		$ -
	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	6538		$ -
	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6		$ -
	63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	5		$ -
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6		$ -
	63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1		$ -
	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6		$ -
	63200310	GUARDRAIL REMOVAL	FOOT	7458		$ -
*	63700180	CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT	FOOT	101		$ -
*	63700380	CONCRETE BARRIER, VARIABLE CROSS-SECTION 44" HEIGHT	FOOT	5271		$ -
	63700900	CONCRETE BARRIER BASE	FOOT	101		$ -
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	28425		$ -
	64300260	IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3	EACH	8		$ -
	64301090	ATTENUATOR BASE	SQ YD	14		$ -
	66400205	CHAIN LINK FENCE, 5'	FOOT	50		$ -

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	66400305	CHAIN LINK FENCE, 6'	FOOT	4688		$ -
	66401700	CHAIN LINK GATES, 5' X 4' SINGLE	EACH	1		$ -
	66401800	CHAIN LINK GATES, 5' X 5' SINGLE	EACH	1		$ -
	66407200	CHAIN LINK GATES, 5' X 22' DOUBLE	EACH	1		$ -
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	9360		$ -
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	8		$ -
*	66901001	REGULATED SUBSTANCES PRE- CONSTRUCTION PLAN	L SUM	1		$ -
*	66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	400		$ -
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1		$ -
BDE	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7800		$ -
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	3449		$ -
BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	161165		$ -
BDE	70300905	PAVEMENT MARKING TAPE, TYPE IV 5"	FOOT	10471		$ -
BDE	70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	39026		$ -
BDE	70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	18827		$ -
BDE	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	10514		$ -
BDE	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	1113		$ -
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	15300.5		$ -
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	27812.5		$ -
*	70400500	TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	1075.0		$ -
	70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	14		$ -
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3		
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	25		$ -
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3		
	72000100	SIGN PANEL - TYPE 1	SQ FT	14		$ -
	72000200	SIGN PANEL - TYPE 2	SQ FT	235		$ -
	72000300	SIGN PANEL - TYPE 3	SQ FT	7837		$ -
	72100100	SIGN PANEL OVERLAY	SQ FT	7		$ -
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	20		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	14		$ -
	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	167		$ -
	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	9160		$ -
	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	19		$ -
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	14		$ -
	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	52		$ -
	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	7		$ -
	72600100	MILE POST MARKER ASSEMBLY	EACH	3		$ -
	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	13267		$ -
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	36		$ -
	73000100	WOOD SIGN SUPPORT	FOOT	853		$ -
	73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	329		$ -
	73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	155		$ -
	73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	91		$ -
	73302150	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (24" X 5'-6")	FOOT	25		$ -
	73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	64		$ -
	73400100	CONCRETE FOUNDATIONS	CU YD	40.6		$ -
	73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	357.2		$ -
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2		$ -
	73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	3		$ -
	73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	4		$ -
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8		$ -
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8		$ -
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	5		$ -
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16646		$ -
	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5407		$ -
	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2339		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
					DOLLARS	DOLLARS
BDE	78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	2090		$ -
BDE	78004355	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 5"	FOOT	3400		$ -
	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1353		$ -
	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	35320		$ -
	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	6933		$ -
	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	12986		$ -
	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	6137		$ -
	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	373		$ -
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	807		$ -
	78100300	REPLACEMENT REFLECTOR	EACH	461		$ -
	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	78		$ -
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	1646		$ -
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	405		$ -
D1	80400100	ELECTRIC SERVICE INSTALLATION	EACH	4		$ -
D1	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		$ -
D1	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2221		$ -
D1	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	135		$ -
D1	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	347		$ -
D1	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	3487		$ -
-	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	69		$ -
D1	81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	198		$ -
D1	81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	5495		$ -
D1	81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	3895		$ -
D1	81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	395		$ -
D1	81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	35		$ -
D1	81101000	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL	FOOT	324		$ -
	81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	525		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	46		$ -
	81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	39		$ -
	81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	2		$ -
	81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	3		$ -
D1	81400100	HANDHOLE	EACH	1		$ -
TSC	81400200	HEAVY-DUTY HANDHOLE	EACH	8		$ -
D1	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	8315		$ -
D1	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	17665		$ -
D1	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	933		$ -
D1	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1866		$ -
D1	81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	6635		$ -
D1	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	20060		$ -
D1	81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350 MCM	FOOT	2105		$ -
D1	81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	12450		$ -
D1	81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1413		$ -
D1	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	550		$ -
D1	82110016	LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION I	EACH	74		$ -
D1	82110022	LUMINAIRE, LED, UNDERPASS, WALL MOUNT, OUTPUT DESIGNATION E	EACH	20		$ -
D1	82110027	LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION E	EACH	26		$ -
D1	82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240 VOLT, 30 AMP	EACH	1		$ -
D1	83502900	LIGHT TOWER, 100 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	1		$ -
D1	83504700	LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	13		$ -
D1	83505700	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	2		$ -
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	9.5		$ -
	83700300	LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	25.5		$ -
	83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	293.0		$ -
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	50		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	84200804	REMOVAL OF POLE FOUNDATION	EACH	30		$ -
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1		$ -
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2		$ -
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3		$ -
	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2		$ -
D1	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		$ -
	87200400	SPAN WIRE	FOOT	3334		$ -
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	311		$ -
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	255		$ -
TSC	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2181		$ -
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	368		$ -
D1	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12		$ -
TSC/D1	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	16		$ -
	87900200	DRILL EXISTING HANDHOLE	EACH	19		$ -
D1	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2		$ -
D1	88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	2		$ -
D1	88600700	PREFORMED DETECTOR LOOP	FOOT	431		$ -
	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3		$ -
	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1		$ -
	89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1		$ -
	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3		$ -
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	74249		$ -
	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	527		$ -
*	89502380	REMOVE EXISTING HANDHOLE	EACH	14		$ -
	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7		$ -
*	X0320025	CLOSED CIRCUIT TELEVISION CABINET, ATTACHED TO STRUCTURE	EACH	1		$ -
*	X0320622	FIELD MEASUREMENTS	L SUM	1		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE	AMOUNT
					DOLLARS	DOLLARS
*	X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	1862		$ -
GBSP	X0321963	MICRO-PILES	EACH	46		$ -
*	X0322208	TEMPORARY STORM SEWER PLUGS	EACH	5		$ -
*	X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1		$ -
*	X0322400	PILE EXTRACTION	EACH	26		$ -
*	X0322434	LIGHT TOWER, SERVICE PAD, SPECIAL	EACH	16		$ -
*	X0322924	RETAINING WALL REMOVAL	SQ FT	2979		$ -
*	X0322936	REMOVE EXISTING FLARED END SECTIONS	EACH	3		$ -
GBSP	X0323433	MICROPILE PROOF LOAD TEST	EACH	8		$ -
*	X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	15		$ -
TSC	X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	8		$ -
TSC	X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	2		$ -
*	X0324866	REMOVE AND REINSTALL SURVEILLANCE CABINET	EACH	7		$ -
D1	X0325085	TEMPORARY PAVEMENT (INTERSTATE)	SQ YD	9453		$ -
*	X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	1313		$ -
*	X0326133	TEMPORARY WOOD POLE, 45 FEET, CLASS 5	EACH	6		$ -
*	X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, WITH 15 FT. MAST ARM	EACH	9		$ -
*	X0326266	ETHERNET SWITCH	EACH	1		$ -
*	X0326382	CONCRETE BARRIER BASE (SPECIAL)	FOOT	5454		$ -
*	X0326812	CAT 5 ETHERNET CABLE	FOOT	100		$ -
TSC	X0326948	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 50 FT. MOUNTING HEIGHT	EACH	1		$ -
*	X0326949	CLOSED CIRCUIT TELEVISION CAMERA FOUNDATION, 30" DIAMETER	FOOT	7		$ -
*	X0326966	JUNCTION BOX, POLE OR POST MOUNTED	EACH	6		$ -
*	X0327004	TEMPORARY WOOD POLE, 60', CLASS 4	EACH	23		$ -
*	X0327032	TEMPORARY VIDEO DETECTION	EACH	2		$ -
*	X0327131	DRAINAGE STRUCTURES, NO. 1	EACH	3		$ -
BDE	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	84326		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	X0327999	ANTI-GRAFFITI COATING	SQ FT	40876		$ -
*	X0350810	BOLLARD REMOVAL	EACH	2		$ -
*	X1400003	TEMPORARY WOOD POLE, 80 FT, CLASS 4, 15 FT. MAST ARM	EACH	34		$ -
TSC	X1400179	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1		$ -
*	X1700084	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	82		$ -
*	X2040805	FURNISHED EXCAVATION (SPECIAL)	CU YD	40000		$ -
BDE	X2700012	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 6"	FOOT	4592		$ -
D1	X4060002	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	694		$ -
D1	X4060006	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT,12.5, N80	TON	4160		$ -
*	X4400198	CONCRETE BARRIER REMOVAL (SPECIAL)	FOOT	121		$ -
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	24653		$ -
*	X4403800	MEDIAN SURFACE REMOVAL	SQ FT	5760		$ -
GBSP	X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION 400K	EACH	34		$ -
*	X6430110	REMOVE IMPACT ATTENUATORS, SALVAGE	EACH	4		$ -
*	X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	2773		$ -
*	X6640300	CHAIN LINK FENCE REMOVAL	FOOT	2927		$ -
*	X6640310	CHAIN LINK GATES REMOVAL	EACH	1		$ -
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1		$ -
D1	X7010240	TRAFFIC CONTROL SURVEILLANCE (SPECIAL)	CAL DA	570		$ -
D1	X7010410	SPEED DISPLAY TRAILER	CAL MO	19		$ -
D1	X7011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	L SUM	1		$ -
D1	X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	700		$ -
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	105485		$ -
*	X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	726		$ -
*	X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	41506		$ -
*	X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	4251		$ -
*	X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	5077		$ -

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					DOLLARS	DOLLARS
*	X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	16384		$ -
*	X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	7818		$ -
*	X7040650	REMOVE TEMPORARY CONCRETE BARRIER	FOOT	638		$ -
*	X7333095	OVERHEAD SIGN STRUCTURE - SPAN (SPECIAL)	FOOT	190		$ -
*	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	686		$ -
BDE	X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	5051		$ -
*	X8100105	CONDUIT SPLICE	EACH	1		$ -
*	X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	30		$ -
D1	X8131168	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 21" X 11" X 08"	EACH	2		$ -
D1	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1		$ -
D1	X8251398	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	2		$ -
*	X8440102	RELOCATE EXISTING LUMINAIRE	EACH	1		$ -
TSC	X8710027	FIBER OPTIC CABLE 4 FIBERS, SINGLE MODE	FOOT	1182		$ -
TSC	X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1394		$ -
TSC	X8730246	ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR	FOOT	1217		$ -
TSC	X8730249	ELECTRIC CABLE IN CONDUIT, NO. 19 6/C	FOOT	492		$ -
TSC	X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	2153		$ -
*	X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	1563		$ -
TSC	X8650102	INDUCTION LOOP	FOOT	307		$ -
*	Z0001903	STRUCTURAL STEEL REMOVAL	POUND	19401		$ -
*	Z0004552	APPROACH SLAB REMOVAL	SQ YD	514		$ -
*	Z0010600	CLEANING DRAINAGE SYSTEM	FOOT	3012		$ -
GBSP	Z0012102	CONCRETE BRIDGE DECK SCARIFICATION (3/8 INCH)	SQ YD	7801		$ -
GBSP	Z0012193	BRIDGE DECK THIN POLYMER OVERLAY 3/8"	SQ YD	7801		$ -
D1/*	Z0016400	DRAINAGE STRUCTURE TO BE ADJUSTED	EACH	15		$ -
D1/*	Z0016600	DRAINAGE STRUCTURE TO BE RECONSTRUCTED	EACH	3		$ -
D1	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	400		$ -

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SCHEDULE OF PRICES

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
D1	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	24		$ -
BDE	Z0034105	MATERIAL TRANSFER DEVICE	TON	4854		$ -
GBSP	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	545		$ -
GBSP	Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	622		$ -
D1	Z0062456	TEMPORARY PAVEMENT	SQ YD	556		$ -
*	Z0073346	SLEEPER SLAB	SQ YD	90		$ -
*	JI211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3504		$ -
*	JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	120		$ -
*	JI213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	160		$ -
*	JI282010	SUBGRADE FILTER FABRIC	SQ YD	11414		$ -
*	JI312022	STABILIZED SUBBASE - WMA, 3"	SQ YD	4207		$ -
*	JI312024	STABILIZED SUBBASE - WMA, 4"	SQ YD	1129		$ -
*	JI406107	ASPHALT TACK COAT	POUND	490		$ -
*	JI420010	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQ YD	3123		$ -
*	JI440010	CONCRETE MEDIAN BARRIER AND BASE REMOVAL	FOOT	38		$ -
*	JI481040	AGGREGATE SHOULDERS, TYPE B	TON	97		$ -
*	JI481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	256		$ -
*	JI482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	4338		$ -
*	JI482112	WARM-MIX ASPHALT SHOULDERS (9 IN.)	SQ YD	46		$ -
*	JI483400	PORTLAND CEMENT CONCRETE SHOULDERS (JOINTED) 9"	SQ YD	55		$ -
GBSP	JI503020	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	481		$ -
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	118		$ -
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4340		$ -
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	10		$ -
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	6		$ -
*	JI606015	GUTTER, TYPE G-2, MODIFIED	FOOT	1226		$ -
*	JI630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 9 FOOT POSTS	FOOT	975		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	1		$ -
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1		$ -
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1		$ -
*	JI637003	CONCRETE BARRIER, DOUBLE FACE, 42 INCH	FOOT	20		$ -
*	JI637013	CONCRETE BARRIER BASE, VARIABLE HEIGHT	FOOT	86		$ -
*	JI637014	CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT	FOOT	19		$ -
*	JI637015	CONCRETE BARRIER, DOUBLE FACE, REINFORCED, VARIABLE HEIGHT	FOOT	28		$ -
*	JI637016	CONCRETE BARRIER, DOUBLE FACE, REINFORCED, VARIABLE HEIGHT, TRANSITION	FOOT	58		$ -
*	JI637052	CONCRETE BARRIER BASE, 7'	FOOT	20		$ -
*	JI637056	CONCRETE BARRIER BASE, VARIABLE HEIGHT, 7'	FOOT	19		$ -
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	1932		$ -
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	1		$ -
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	4		$ -
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	2		$ -
*	JI680120	SLOPED HEADWALL, TYPE III, 6", 1:3	EACH	4		$ -
*	JI680122	SLOPED HEADWALL, TYPE III, 15", 1:3	EACH	1		$ -
*	JI680125	SLOPED HEADWALL, TYPE III, 24", 1:3	EACH	2		$ -
*	JI680130	SLOPED HEADWALL, TYPE III, 6", 1:4	EACH	4		$ -
*	JI704000	TEMPORARY CONCRETE BARRIER	FOOT	4525		$ -
*	JI704005	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1688		$ -
*	JI782012	GUARDRAIL BARRIER DELINEATOR, REFLECTOR MARKER, TYPE B	EACH	13		$ -
*	JI782020	CONCRETE BARRIER DELINEATOR, REFLECTOR MARKER, TYPE C	EACH	47		$ -
*	JI782110	TERMINAL MARKER - DIRECT APPLIED	EACH	1		$ -
*	JI811280	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	30		$ -
*	JI821105	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8		$ -

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*	JI821114	TEMPORARY LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION J	EACH	34		$ -
*	JI986040	ELECTRIC CABLE NO. 18, 1-3 PAIR, TWISTED, SHIELDED	FOOT	1563		$ -
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	1474		$ -
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	12		$ -
**	JS120710	ENERGY ATTENUATOR	EACH	1		$ -
**	JS120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	115		$ -
**	JS250220	SEEDING, CLASS 2E	ACRE	0.25		$ -
**	JS250305	SEEDING, CLASS 3E	ACRE	2.75		$ -
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	24		$ -
**	JS280050	SILT FENCE	FOOT	17465		$ -
**	JS280051	RE-ERECT SILT FENCE	FOOT	3493		$ -
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	2403		$ -
**	JS280100	SUPER SILT FENCE	FOOT	480		$ -
**	JS280150	TEMPORARY STABILIZATION WITH STRAW MULCH	ACRE	18.5		$ -
**	JS280151	SAME-DAY STABILIZATION	SQ YD	26303		$ -
**	JS280180	RECTANGULAR INLET PROTECTION	EACH	53		$ -
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	189		$ -
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	524		$ -
**	JS670C00	FIELD OFFICE, TYPE C	CAL MO	24		$ -
**	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1		$ -
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1		$ -
**	JS733060	OVERHEAD SIGN STRUCTURE, SPAN TYPE (ALUMINUM) (60 FT)	FOOT	60		$ -
**	JS733100	OVERHEAD SIGN STRUCTURE, SPAN TYPE (ALUMINUM) (100 FT)	FOOT	100		$ -
**	JS733B30	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOOT	30		$ -
**	JS733B10	OVERHEAD SIGN STRUCTURE, AET RAMP ENTRANCE MONOTOBE TYPE (STEEL)	FOOT	39		$ -
**	JS733B30	OVERHEAD SIGN STRUCTURE, AET RAMP EXIT MONOTOBE TYPE (STEEL)	FOOT	39		$ -
**	JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	169.4		$ -
**	JS734B10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE	CU YD	40.0		$ -

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**	JS734F10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, RAMP MONOTUBE TYPE	CU YD	52		$ -
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	190		$ -
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	165		$ -
**	JS810881	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 6" DIA.	FOOT	420		$ -
**	JS812023	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2160		$ -
**	JS812027	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	330		$ -
**	JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	3		$ -
**	JS816072	UNIT DUCT, WITH 2-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	90		$ -
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	575		$ -
*	JS817014	ELECTRIC CABLE IN CONDUIT NO. 14 3/C	FOOT	1563		$ -
**	JS817214	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2455		$ -
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	9520		$ -
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	11		$ -
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	1		$ -
**	JS830014	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	10		$ -
**	JS836001	LIGHT POLE FOUNDATION (ROADWAY) STEEL HELIX (7 FT) OR CONCRETE	EACH	1		$ -
**	JS846001	MAINTAIN LIGHTING SYSTEM	L SUM	1		$ -
*	JT131526	PLAZA ELECTRICAL WORK	L SUM	1		$ -
*	JT131641	PREFABRICATED CONTROL BUILDING, LOCATION 1	L SUM	1		$ -
*	JT131651	CONTROL BUILDING FOUNDATION, LOCATION 1	L SUM	1		$ -
*	JT132700	VES CAMERA HIGH PRESSURE WASH SYSTEM	L SUM	1		$ -
*	JT135100	CONCRETE FILLED PIPE BOLLARDS	EACH	3		$ -
TSC	JT160192	FIBER OPTIC INNERDUCT 1" DIA.	FOOT	648		$ -
*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	5043		$ -
*	JT421360	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT AND SHOULDER (SPECIAL)(12 IN.)	SQ YD	191		$ -
*	JT421960	PAVEMENT REINFORCEMENT (12 IN.)	SQ YD	191		$ -
*	JT421999	PLAZA PAVEMENT GROOVING (LONGITUDINAL)	SQ YD	191		$ -

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GBSP	JT525125	BONDED PREFORMED JOINT SEAL, 2IN.	FOOT	62		$ -
GBSP	JT570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1		$ -
GBSP	JT570P52	PERFORMANCE BASED RETAINING WALL, LOCATION 2	L SUM	1		$ -
*	JT599040	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ FT	16907		$ -
*	JT599P01	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1	L SUM	1		$ -
*	JT599P02	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 2	L SUM	1		$ -
*	JT599P03	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 3	L SUM	1		$ -
*	JT599P04	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 4	L SUM	1		$ -
*	JT637050	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE BARRIER, 42 INCH	FOOT	1601		$ -
*	JT637054	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE, 44 INCH	FOOT	453		$ -
*	JT637056	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE, L-SHAPE, 44 INCH	FOOT	1511		$ -
*	JT637058	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE BARRIER, 54 INCH	FOOT	116		$ -
*	JT637100	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 42"	FOOT	1601		$ -
*	JT637110	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 44"	FOOT	453		$ -
*	JT637115	CONCRETE BARRIER, SINGLE FACE, REINFORCED, L-SHAPE, 44"	FOOT	1511		$ -
*	JT637120	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 54"	FOOT	116		$ -
*	JT640002	SNOW PROTECTION FENCE (SPECIAL)	FOOT	16		$ -
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	330		$ -
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	425		$ -
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	130		$ -
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	32		$ -
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	10		$ -
*	JT701035	SUPPLEMENTAL MAINTENANCE OF TRAFFIC	DAY	70		$ -
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	50		$ -
*	JT701200	PORTABLE CHANGEABLE MESSAGE SIGN	CAL DAY	130		$ -
*	JT701210	PORTABLE CHANGEABLE MESSAGE SIGN	WEEK	32		$ -
*	JT701220	PORTABLE CHANGEABLE MESSAGE SIGN	CAL MO	10		$ -

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	JT720110	SIGN INSTALLATION, TYPE 2	SQ FT	240		$ -
*	JT720120	SIGN INSTALLATION, TYPE 3	SQ FT	5727		$ -
*	JT733950	MODIFY OVERHEAD SIGN STRUCTURE, SPAN TYPE	L SUM	1		$ -
*	JT780300	MULTI-POLYMER PAVEMENT MARKING - LINE 4"	FOOT	9613		$ -
*	JT780310	MULTI-POLYMER PAVEMENT MARKING - LINE 6"	FOOT	1206		$ -
*	JT780320	MULTI-POLYMER PAVEMENT MARKING - LINE 10"	FOOT	3818		$ -
*	JT780325	MULTI-POLYMER PAVEMENT MARKING - LINE 12"	FOOT	734		$ -
*	JT780JA1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE	FOOT	9613		$ -
*	JT780JC1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE	FOOT	1206		$ -
*	JT780JE1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE	FOOT	3818		$ -
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	267		$ -
*	JT810674	UNDERGROUND CONDUIT, COILABLE NONMETALIC CONDUIT, SDR 11, 1 1/2" DIA.	FOOT	1280		$ -
*	JT900088	SETTLEMENT MONITORING	CAL MO	9		
*	JT900521	EMBANKMENT MODIFICATION	CU YD	10000		$ -
						$ -
						$ -
					TOTAL AMOUNT OF CORE WORK	$ -
*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	$ 1,168,000.00	$ 1,168,000.00
*	JT154001	PAVEMENT PATCHING AND TRAFFIC CONTROL	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154004	SAWCUTTING AND REMOVAL OF EOGE DETERIORATION REPAIR	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154005	EMERGENCY PAVEMENT AND SHOULDER REPAIRS	UNIT	20000	$ 1.00	$ 20,000.00

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*	JT154006	TEMPORARY IMPACT ATTENUATOR REPLACEMENT/REPAIR	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154007	TEMPORARY CONCRETE BARRIER WALL REPLACEMENT/REALIGNMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	30000	$ 1.00	$ 30,000.00
*	JT154009	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND MAINTENANCE	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154045	CONTRACT ALLOWANCE FOR COLD WEATHER PAVEMENT MARKINGS	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154067	CONTRACT ALLOWANCE FOR CONSTRUCTIONWORKS APPRENTICES	UNIT	100000	$ 1.00	$ 100,000.00
*	JT154078	CONTRACT ALLOWANCE FOR ILLINOIS STATE POLICE SERVICES	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154112	ALLOWANCE FOR ADDITIONAL ELECTRICAL AND COMMUNICATION WORK	UNIT	10000	$ 1.00	$ 10,000.00
*	JT154150	ALLOWANCE FOR STEEL COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154160	ALLOWANCE FOR FUEL COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154161	ALLOWANCE FOR BITUMINOUS MATERIALS COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154168	ALLOWANCE FOR HAUL ROAD MAINTENANCE	UNIT	40000	$ 1.00	$ 40,000.00
*	JT155100	COMMUNITY HIRING INCENTIVE	HOURS	100000	$ 1.00	$ 100,000.00
*	999ADJ45	CONSTRUCTIONWORKS APPRENCTICES WAGE RATE PAYMENT	HOUR		$ 15.00	$ -
	999NEG31	DAMAGE TO ELECTRICAL FACILITIES PER TOLLWAY SUPPL. SPEC. 107.30(b)	INC/DAY		$ (1,000.00)	
	999NEG32	LIQUIDATED DAMAGES FOR DELAY IN SUBMITTAL OF PROGRESS SCHEDULE PER S.P. 108.02 (e)	DAY		$ (300.00)	
	999NEG33	NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 (b)(1)	INC/DAY		SEE NOTE 1	
	999NEG35	FAILURE TO RESPOND TO REGULATORY AGENCY REQUESTS, PER TOLLWAY SUPPL. SPEC. 280.02 (b) (2)	OCCUR		$ (25,000.00)	
	999NEG36	FAILURE TO COMPLY WITH OCCUPANCY DATE OR PROVIDE COMPLETE FACILITIES. FIELD OFFICE OR LAB PER STD. SUPPL. SPEC. 670.01 (b)	DAY		$ (500.00)	
	999NEG37	NON-COMPLIANCE WITH TOLLWAY MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(1)	INC/DAY		$ (2,500.00)	
	999NEG38	FAILURE TO RESPOND TO RE-ESTABLISH DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(2)	OCCUR		$ (2,500.00)	
	999NEG39	FAILURE TO RESPOND TO REPAIR IMPACT ATTENUATORS PER TOLLWAY SUPPL. SPEC. 701.01 (b)(3)	OCCUR		$ (2,500.00)	
	999NEG40	LOSS OR DAMAGE TO TOLLWAY OWNED DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(4)	SQ. FT.		$ (100.00)	
	999NEG41	NON-COMPLIANCE WITH IDOT MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b) (5)	INC/DAY		$ (2,500.00)	
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL. DAY		$ (12,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL. DAY		$ (12,000.00)	
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.3	CAL. DAY		$ (12,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		$ (10,000.00)	

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	999NEG53	NON-COMPLIANCE WITH CONTRACTOR QUALITY PROGRAM SPECIAL PROVISION	OCCUR		$ (1,000.00)	
TSC		LIQUIDATED DAMAGES FOR IDOT TSC COMMUNICATIONS INTERUPTION PER SPECIAL PROVISION FOR "TEMPORARY AERIAL CABLE WITH MESSENGER WIRE (FIBER OPTIC NO. 62.5/125 96F) "	HOUR		$ (5,000.00)	
D1		ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		$ (3,000.00)	
D1		TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		$ (5,000.00)	
D1		FAILURE TO MAINTAIN THE TRAFFIC SIGNAL INSTALLATION IN PROPER CONDITION PER MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION SPECIAL PROVISION	INC/DAY		$ (5,000.00)	
				TOTAL AMOUNT OF CONTINGENCY WORK + CONTRACTOR'S QUALITY PROGRAM (CQP)		$ 1,588,000.00

TOTAL AMOUNT OF CORE WORK + TOTAL AMOUNT OF CONTINGENCY WORK + CONTRACTOR'S QUALITY PROGRAM = TOTAL AMOUNT OF BASE BID	
ECP BID CREDIT	
AWARD CRITERIA	

Note 1: The deduction will be according to Article 280.02 (b) (1) Table A. The Contractor should leave the unit price blank.

Special Provison Legend:

*	INDICATES SPECIAL PROVISION
**	INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATION
***	INDICATES IDOT RECURRING/SUPPLEMENTAL SPECIAL PROVISIONS
BDE	INDICATES IDOT BDE SPECIAL PROVISIONS
D1	INDICATES IDOT DISTRICT 1 SPECIAL PROVISIONS
GBSP	INDICATES IDOT OR TOLLWAY GUIDE BRIDGE SPECIAL PROVISIONS
TSC	INDICATES IDOT TRAFFIC SYSTEMS CENTER SPECIAL PROVISIONS

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S.P. 103 CONTRACT COMPLETION DATE, SUBSTANTIAL AND INTERIM COMPLETION DATES

S.P. 103.1 CONTRACT COMPLETION DATE

The Contractor shall complete all work under this Agreement for the performance of Contract I-19-4464 on or before 11:59 p.m. on **November 24, 2021** and as specified in Article 108.05 of the Illinois Tollway Supplemental Specifications.

S.P. 103.2 SUBSTANTIAL COMPLETION DATE

The Contractor shall have completed all roadway and bridge work, shoulder work, installation of permanent pavement markings, installation of permanent signing, installation of permanent lighting and establishment of the traffic lanes to the final proposed traffic lane configuration such that permanent lane closures are no longer required under this Agreement for the performance of Contract I-19-4464 on or before 11:59 p.m. on **October 29, 2021.**

S.P. 103.3 INTERIM COMPLETION DATE

The Contractor shall implement I-57 Winter Stage Traffic Control as depicted in the plans on or before **December 1, 2020.**

S.P. 104 NOTICE TO PROCEED/COMMENCEMENT OF ON-SITE WORK

In accordance with Article 103.08 of the Illinois Tollway Supplemental Specifications, it is anticipated the Notice to Proceed will be issued after the Contract is approved by all parties; including a work commencement date no earlier than **January 15, 2020**. The Illinois Tollway will not issue the Notice to Proceed until all documents required by the Contract, including bonding and insurance requirements, are submitted by the Contractor and approved by the Illinois Tollway. A Time Extension Request shall not be considered should the Notice to Proceed be delayed due to the failure of the Contractor to submit contract documents in compliance with the specified requirements. There shall be no damages or additional compensation due the Contractor for delays, if any, in issuing the Notice to Proceed.

S.P. 104.1 WORK RESTRICTION

The Contractor will not have access to I-57 and Ramp L for the purpose of beginning work until **June 1, 2020**.

S.P. 105 LIQUIDATED DAMAGES FOR DELAY(S) AND INCENTIVE PLAN(S)

S.P. 105.1 Liquidated Damages

S.P. 105.1.1 Liquidated Damages for Non-Completion Per S.P. 103.1

In accordance with the provisions of Article 108.09 of the Illinois Tollway Supplemental Specifications, the Contractor shall pay to the Illinois Tollway the sum of **$12,000.00** per day, as liquidated damages for each and every calendar day beyond the Completion Date stipulated in S.P. 103.1 that the work, or any part thereof, remains incomplete.

S.P. 105.1.2 Liquidated Damages for Non-Completion Per S.P. 103.2

In accordance with the provisions of Article 108.09 of the Illinois Tollway Supplemental Specifications, the Contractor shall pay to the Illinois Tollway the sum

of **$12,000.00** per day, as liquidated damages for each and every calendar day beyond the Substantial Completion Date stipulated in S.P. 103.2 that the work, or any part thereof, remains incomplete.

S.P. 118 RIGHT-OF-WAY

Proposed right-of-way and easements for the performance of the Work may not be available when Notice to Proceed is issued. The Contractor shall verify the status of right-of-way parcels to be acquired prior to the preparation of the Baseline Schedule. The Baseline Schedule should reflect construction sequencing necessary to work only within acquired right-of-way parcels, and the Contractor shall take all appropriate measures to ensure that construction operations do not encroach on parcels not acquired. The Contractor shall be required to adjust the work schedule as needed to coincide with parcel acquisition from time to time to work only within available right-of-way, and shall prepare revised Baseline Schedule(s) in compliance therewith as directed by the Engineer.

The final configuration of the Project Right-of-Way requires the acquisitions of several land parcels. This listing identifies these individual parcels and provides the acquisition status. The Contractor's bid proposal shall have been submitted with the understanding that access to the proposed right-of-way and easements will be provided no earlier that the date indicated in the "Projected Acquisition Date" column in the table below.

Parcel ID #	Projected Acquisition Date	Actual Acquisition Date
TW-1C-18-001.T	5/1/2020	
TW-1C-18-002.T	5/1/2020	
TW-1C-18-003.T	5/1/2020	
TW-1C-18-004.T	5/1/2020	
TW-1C-18-005.T	5/1/2020	
TW-1C-18-006.T	5/1/2020	
TW-1C-18-007.T	5/1/2020	
TW-1C-18-008.T	5/1/2020	

However, the Illinois Tollway reserves the right not to issue the Notice to Proceed until sufficient right-of-way, as deemed by the Engineer, is available for commencement of the Work. In any event, there shall be no damages or additional compensation due to the Contractor for delays due to delay in furnishing the right-of-way, and the Contractor's sole remedy, where applicable, shall be an extension of time.

S.P. 119 AVAILABLE GEOTECHNICAL INFORMATION

The following is a listing of the geotechnical reports prepared by GEO Services, Inc. that are available for review in the Illinois Tollway on-line plan room.

- I-57 Mainline Geotechnical Report (3 Volumes)
- MWRD Soil Stockpile (2 Reports) and Ogden Avenue Stockpile (3 Reports)

FURNISHED EXCAVATION

Description:

The Illinois State Tollway Highway Authority (Tollway) has obtained a permit from the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC) allowing use of suitable soil material which is currently stockpiled at the site location, hereinafter referred to as MWRD STOCKPILE SITE, identified and detailed in the Plans. The contractor is required to use this material and suitable excavated material that is obtained from locations specified in the contract plans to construct the proposed embankments. No borrow excavation from within the improvement limits or borrow from any other source will be allowed. Furnished excavation shall consist of excavating suitable materials obtained from MWRD STOCKPILE SITE and transporting the materials to various locations throughout the limits of the contract. The work shall also include stockpile site maintenance as detailed in the plans.

Delete Section 204 of the Standard Specifications in its entirety and replace with the following:

General Conditions and Requirements:

The soil material located at the MWRD STOCKPILE SITE has generally been determined as suitable by the Tollway. Unsuitable material encountered shall be removed from the MWRD STOCKPILE SITE in accordance with Section 202 of the Standard Specifications. Any material not meeting the requirements for Zone "A" Embankment Material outlined in Special Provision EMBANKMENT (ILLINOIS TOLLWAY) shall not be allowed to be used to construct the proposed embankment. Topsoil encountered during excavation will be removed and stockpiled at the locations detailed on the plans.

The Contractor must adhere to all conditions and provisions as outlined in the above referenced permit that was issued to the Tollway by MWRDGC. A copy of the permit requirements can be obtained from the Tollway.

The Contractor will be required to coordinate material removal operations at this stockpile with the Engineer and with the MWRDGC. The Contractor will be required to observe all District, State and municipal requirements regarding access, hours of operation and maintenance of local streets and haul roads. The Contractor will not be allowed to remove materials from the MWRD STOCKPILE SITE below Elevation 670.00 unless otherwise directed by the Engineer in writing. All material transported to the construction site shall be ticketed and confirmed by the Engineer.

The District will not charge the Contractor for use of this material. The Contractor will be responsible for maintenance of the haul road that provides access to the stockpiled material and any haul roads that the Contractor deems necessary for excavating the stockpiled material. During excavation, the top of the material shall be sloped at 2% maximum and the side slopes no steeper than 1:3 (V:H). The Contractor will be responsible for all costs associated with restoration of the premises as detailed on the plans to the satisfaction of the Engineer.

Construction vehicles will not be allowed to cross Higgins Road to or from Nicholas Boulevard to

enter or exit the site but must turn either left or right to or from Higgins Road. Flaggers shall be required to facilitate truck/vehicle movements entering and exiting the site; the Contractor shall be responsible for all associated costs. These costs will not be paid separately, but included in the unit price of Furnished Excavation.

Upon commencement of their hauling operations, the Contractor shall be responsible for the maintenance of the District stockpile site including haul roads, pipeline protection systems, erosion control systems, fencing, signs and gates for the duration of their use. The aforementioned items shall remain in place for use in other contracts. Any portion of the stockpile that remains upon the completion of this contract shall be left in stable condition with the top of the remaining material sloped at 2% maximum and the side slopes no steeper than 1:3 (V:H). The Contractor is advised that other contracts may concurrently be hauling suitable excavated materials or topsoil from the MWRD STOCKPILE SITE. In addition to complying with S.P. 106, the Contractor will be required to coordinate their operations with other contractors that may be working at the site. The coordination would include making reasonable accommodations and modifications to the Contractor's operations so as not to impede the progress of other contractors working at the site.

Settlement Platforms:

Should the Contractor request credit for the placement of any additional embankment due to possible settlement during construction, Settlement platforms shall be erected as directed by the Engineer and as hereinafter specified. Notification by the Contractor shall be made to the Engineer in writing prior to the start of construction.

Settlement platforms shall be placed on natural soil, where practical, after the roadway area has been cleared, disked and compacted. Compacted granular bedding material up to 6 in. (150 mm) thick may be used to properly seat the platform. Granular material to be used for bedding may consist of any fine aggregate meeting the approval to the Engineer. The subgrade or bedding shall be prepared and leveled in such a manner that the platform makes uniform contact.

A 3/4 in. (19 mm) diameter steel pipe shall be attached to a 1/8 in. (3 mm) thick by 4 ft (1.2 m) square steel plate with a threaded malleable iron floor flange welded to the plate. 4 ft (1.2 m) lengths of 3/4 in. (19 mm) diameter pipe shall be added as the height of the embankment increases. The tip of the grade pipe shall at no time extend more than 4 1/2 ft (1.4 m) or less than 6 in. (150 mm).

The Contractor shall exercise extreme caution when placing material adjacent to the settlement plates and no equipment shall pass within 5 ft (1.5 m) of the settlement plate until the height of fill is 3 ft (1 m) above the plate.

A casing of 2 1/2 in. (64 mm) diameter steel pipe (standard) shall be installed around the vertical pipe.

Settlement platforms shall be maintained by the Contractor in the required positions at all times during the construction of the embankment. All movement or disturbance, other than normal settlement, of the settlement platforms shall be immediately corrected by the Contractor by repairing or replacing them as directed by the Engineer. All extensions to the grade pipes shall be added under the supervision of the Engineer.

Settlement readings will be taken by the Engineer as required prior to and after construction of the embankment. The final readings will be taken after the top grade of the embankment has been constructed and has been approved by the Engineer.

When the settlement platform has served its purpose, the pipe extensions shall be removed to at least 2 ft (600 mm) below subgrade, the pipe capped, and the area backfilled and compacted.

Method of Measurement:

Furnished excavation will be measured for payment as follows.

Measured Quantities. Furnished excavation will be computed for payment in cubic yards (cubic meters) as follows.

Furnished Ex. = Embankment - [Suitable Ex. x (1 - Shrinkage Factor)]

Where:

Embankment = the volume of fill in its final position computed by the method of average end areas and based upon the existing ground line as shown on the plans, except as noted in (1) and (2) below;

Suitable Excavation = earth excavation, rock excavation, and other on-site excavation suitable for use in embankments as shown in the Earthwork Schedule on the plans;

Shrinkage Factor = As shown on the plans.

(1) If the Contractor so requests, the Engineer will reestablish the existing ground line after the clearing and tree removal have been performed according to Section 201 and the top 6 in. (150 mm) of the existing ground surface has been disked and compacted.

(2) If settlement platforms are erected, the Engineer will reestablish the Existing ground line after the embankment is complete from elevations taken on the grade pipes of the settlement platforms. In reestablishing the existing ground line, no change in elevation from that shown on the plan cross sections will be assumed to have occurred at the intersection of the embankment side slopes and the existing ground. Contract quantities will be recalculated based on the difference between the existing ground line shown on the plans and the new ground line established from the settlement platforms.

The quantity for furnished excavation will not be recalculated when surplus, suitable materials are utilized in embankments according to Article 202.03.

Basis of Payment:

Excavation of materials from the MWRD STOCKPILE SITE, hauling the materials to embankment locations throughout the limits of the contract and constructing the proposed

roadway embankment, and all work described herein will be measured in place and paid for at the contract unit price per cubic yard for FURNISHED EXCAVATION.

Pay Item Number	Designation	Unit of Measure
20400800	FURNISHED EXCAVATION	CU YD

The cost of reinforcement bars shall be included in the cost of the CONCRETE BARRIER, SINGLE FACE, REINFORCED.

The cost of reinforcement bars shall be included in the cost of the CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE BARRIER

Protective coat will be measured for payment in place and the area computed in square yards."

Revise Article 637.12 of the Standard Specifications to read as follows:

"637.12 Basis of Payment. This work will be paid for at the contract unit price per foot for CONCRETE BARRIER BASE, of the width specified; CONCRETE BARRIER, DOUBLE FACE, and height specified; CONCRETE BARRIER, SINGLE FACE, REINFORCED, of the shape and height specified; CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE BARRIER of the shape and barrier height specified; CONCRETE MEDIAN BARRIER TRANSITION, of the type specified.

Protective coat will be paid at the contract unit price per square yard."

Pay Item Number	Designation	Unit of Measure
JI637003	CONCRETE BARRIER, DOUBLE FACE, 42"	FOOT
JI637013	CONCRETE BARRIER BASE, VARIABLE HEIGHT	FOOT
JI637014	CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT	FOOT
JI637015	CONCRETE BARRIER, DOUBLE FACE, REINFORCED, VARIABLE HEIGHT	FOOT
JI637016	CONCRETE BARRIER, DOUBLE FACE, REINFORCED, VARIABLE HEIGHT, TRANSITION	FOOT
-	-	-
-	-	-
JI637052	CONCRETE BARRIER BASE, 7'	FOOT
JI637056	CONCRETE BARRIER BASE, VARIABLE HEIGHT, 7'	FOOT

PLAZA ELECTRICAL WORK

Description. This work shall consist of furnishing and performing all operations necessary for the complete installation and execution of the PLAZA ELECTRICAL WORK for the remote toll zone, as well as control building, as shown on the contract plans (Plans) and hereinafter specified, complete and operational in every respect. All electrical work at the remote toll plaza, including the connections between the building and the toll zone as well all electrical work for all electronic tolling equipment on monotubes for the tolling zone shall be included in this pay item.

Also included in this pay item shall be all fiber optic and ITS power lateral conduits to the inside of toll plaza control buildings from nearest outside power and communication handholes on the duct bank.

Wiring of roadway lighting poles connected to Plaza uninterruptible power supply (UPS) circuit, as shown on plan sheets shall be part of Plaza Electrical Work. The cost of wiring shall be paid under this special provision. The cost of poles, mast arms, luminaires, or light pole foundations shall not be included in the cost of this pay item.

Apparatus, appliances, material or work not shown on the Plans, but mentioned in these special provisions, or vice versa, or any incidental accessories necessary to make the plaza electrical work complete and ready for operation, even though not specified or shown on the Plans shall be furnished and installed by the Contractor under this pay item at no additional cost to the Illinois Tollway.

Materials. The main components of the plaza electrical work are as described below. All other ancillary items required for a fully functional and complete installation are included as part of the work under this special provision. Materials and installations shall conform to the applicable Codes and Standards.

The following equipment will be furnished and installed by the Illinois Tollway:

- Automatic Toll Collection and Violation Equipment (including treadle sensors).
- VES Camera Housings
- VES Cameras and Computers
- Data Logger Computer
- I-PASS Readers
- I-PASS Antenna
- Loops. Details include, but are not limited to, the following:
    1. Saw cuts for IDRIS and Main Loops
        a. Installation of all loops back to the barrier wall junction boxes
        b. Splicing of all loop to loop lead-in cables inside the barrier wall junction boxes

The following equipment shall be furnished and installed by the Contractor:

- All Power and Communication Conduit Runs, Fittings, and Bushings
- All Wires and Cables – 600 Volt
- All Special Cables and Associated Hardware (if required)
- All Enclosures for Electrical Equipment and Fittings
- All Pull Boxes and Junction Boxes

- All Outlet Boxes
- All Wiring Devices
- All Cable Trays-Fiberglass
- All Panelboards
- All Building Lighting Fixtures
- A Card Access System
- A Fire Alarm System
- An Uninterruptible Power Supply (UPS) System
- All Equipment Racks
- A Data logger Camera Video Power Junction Box
- A Data logger Camera, Video System
- A Front and Rear Violation Enforcement System (VES) Camera Video Power Junction Box
- Security Video Camera System
- All Service Entrance Equipment
- All Electrical Identification
- A Reader Enclosure
- All Power and Communication Cable Runs (as shown on the Plans)
- A Lighting Control Panel (Roadway Lighting)
- All underground raceways and other infrastructure, as shown on the contract plans, for connectivity to the Illinois Tollway fiber backbone at the remote toll plaza building
- A complete Grounding Electrode System
- All VES Camera Power and Communication Cabling
- All VES Camera Power Supplies
- All Automatic and Manual Bypass Switches
- All Electrical Testing
- All Loop Lead-in Cabling run from inside the toll plaza to the barrier wall junction boxes
- All I-Pass Antenna Cabling and Mounting Hardware
- All I-Pass Antenna Cable Connectors (connectors to be installed by Illinois Tollway)
- All Fiber Optic Patch Panels and Connector Housing
- Wiring of light poles connected to plaza UPS system.

The following are the specific materials for the components described above:

Conduit, Fittings, and Bushings

- Galvanized Rigid Steel (GRS) Conduit. GRS conduit shall be heavy wall type, hot-dipped galvanized with zinc-coated threads, and must be Underwriters' Laboratory (UL) labeled. GRS conduit and couplings shall be threaded, rigid steel, hot-dipped galvanized. The GRS conduit shall meet the requirements of Section 810 of the Standard Specifications. Acceptable manufacturers shall be Allied Tube & Conduit, Republic Conduit, Wheatland Tube Company, or approved equal.
- PVC Coated GRS Conduit. PVC coated rigid steel conduit, including elbows and couplings, shall meet the requirements of Section 810 of the Standard Specifications. Acceptable PVC coated manufacturers shall be Robroy Industries or approved equal.
- Rigid Nonmetallic Conduit. The conduit, fittings, and accessories shall be manufactured from polyvinyl chloride complying with ASTM D 1784 and with all applicable

requirements of NEMA Publication No. TC2, UL Standard 651 for EPC-40-PVC and EPC-80-PVC. Acceptable manufacturers shall be Allied Tube & Conduit, Cantex, Carlon, or approved equal.

- Flexible Conduit. Plastic-coated, flexible metal conduit shall be in accordance with UL 360, type UA with PVC outer jacket and integral ground conductor as manufactured by Anamet, Electro Flex, International Metal Hose Company, or approved equal. Flexible conduit installed in wet locations, exterior locations, and at motors shall be liquid-tight type and shall meet the requirement of Section 810 of the Standard Specifications. Flexible liquid-tight conduit shall be galvanized steel with a UL listed moisture and oil-proof plastic coated jacket.
- Conduit Bushings. Conduit bushings shall be malleable iron body with 150 degrees C insulating ring. Insulating material shall be self-extinguishing, locked in place, and non-removable. Acceptable manufacturers shall be Appleton Model Series BU75I, OZ/Gedney Model Series IBC, or approved equal.
- Conduit Fittings. All conduit fittings shall be of the types specified and in accordance with UL 514 for normal application and UL 886 for use with plastic-coated flexible metal conduit.

Breather-drain fittings, when required, shall be manufactured by Crouse-Hinds Co., Appleton Electric Co., or approved equal.

Wires and Cables-600 Volts

- Wires and cables shall be soft copper, properly refined, and shall have minimum conductivity of 98 percent. Conductors for power and lighting shall not be less than size 12 AWG, shall conform to the latest NEC, and shall bear Underwriters' Laboratory label. Wires for signal and control systems shall be stranded size 14 AWG, unless otherwise indicated on the Plans or in other items of these special provisions.
- Wires and cables shall be delivered to the job site in original packing or on factory reels. All wires and cables shall bear tagging or marking on the finish at regular intervals consisting of manufacturer's name as well as the insulation type, voltage rating, UL listing and date of manufacturing.
- Wire and cable shall have factory color-coded insulation and shall be installed and connected as follows:

  1. Color coding for voltage system of 250 volts and less shall be:
     "A" Phase: Black
     "B" Phase: Red
     "C" Phase: Blue
     Neutral: White
     Ground: Green
  2. Color coding for voltage system of over 250 volts and less than 600 volts shall be as follows:
     "A" Phase: Brown
     "B" Phase: Orange
     "C" Phase: Yellow
     Neutral: Grey
     Ground: Green
  3. Green shall be used for grounding only.
- The insulation shall be applied tightly to the conductor and shall be free stripping.

- Branch circuit wiring shall be solid copper size 12 AWG unless otherwise specified.
- Wires size 10 AWG and larger shall be stranded copper unless otherwise specified.
- Wires type THHN/THWN thermo-plastic insulated, rated 90°C dry and 90°C wet shall be used for lighting, power, and other wiring applications not otherwise specified.
- Wires type SF-2 silicone insulated glass braid jacket, size 12 AWG (minimum size), 200°C-rated shall be used for fixture wiring and for recessed incandescent fixtures.
- Wires type THHN thermo-plastic insulated, 90°C-rated, shall be used for continuous row fluorescent fixture wiring.
- Teflon insulated wires, 200°C-rated, shall be used for wiring applications within five (5) feet of boilers and one (1) foot of heating pipes.
- Single conductor cables installed outdoors in exposed conduit installations shall be ethylene-propylene-rubber (EPR) insulated with a Hypalon jacket. The cables shall be UL listed as Type RHH/RHW-2/USE-2, VW-1, 600-volt rated at conductor temperatures not exceeding 90°C in wet or dry locations. The cable shall be manufactured in accordance with ICEA Standard S-68-516 and UL Standards 44 and 854. The insulation shall be Type II EPR in accordance with ICEA S-68-516. The jacket shall be Chlorosulfonated Polyethylene in accordance with ICEA S-68-516.
- Ground cables shall be soft drawn, annealed, stranded copper with green insulation in required sizes and quantities for all equipment grounding.
- The 600-volt insulated wires and cables shall be factory tested prior to shipment in accordance with ICEA standards for the insulation specified.
- Samples and reports on the results of shop tests for all wire and cables, descriptive literature for splices and terminations shall be submitted to the Engineer.

Acceptable cable manufacturers for 600-volt rated cable shall be American Insulated Wire Corp., General Cable, Prysmian, Southwire, or approved equal.

Connectors

- Compression connectors shall be long barrel, tin-plated copper, and closed end compression type. The barrel for each cable lug shall be sized for the exact cable size specified.
- Copper-Aluminum connectors are not acceptable. Mechanical or set-screw types are not acceptable. The cables shall be terminated with the die type compression tools.
- Conductors size 2 AWG and larger shall terminate in two (2)-hole solderless lugs.
- Conductors size 8 AWG through size 3 AWG inclusive shall terminate in one (1)-hole lugs. Acceptable manufacturers shall be Burndy Type YA, Anderson Type VHCL, Panduit Series LCB or LCC, Thomas & Betts Co., Series 54800 and 54900, or approved equal.

Special Cables and Associated Hardware

- The Contractor shall furnish and install shielded control cables, shielded power cables, shielded data cables, telecom cables and coaxial cables as shown on the Plans and as specified herein. All cables shall be identified at both ends per EIA/TIA Standard TIA-606 for labeling of telecommunication components.
- Multi-Conductor Shielded Power and Control Cable. The conductor shall be stranded, uncoated, annealed, bare copper. The cable shall be color-coded per ICEA/NEC (K2) specifications, unless otherwise indicated. The binder shall be a polyester tape.

- Each cable assembly shall have an overall shield. The shield shall be aluminum/polyester with a drain wire. Stranded tinned copper size 18 AWG wire shall have size 20 AWG drain wire. Stranded tinned copper size 16 AWG wire shall have size 18 AWG drain wire. Stranded tinned copper size 14 AWG, size 12 AWG and size 10 AWG wire shall have size 16 AWG drain wire.
- The jacket shall be black PVC with a nylon rip cord. The voltage rating shall be 600 Volt. The temperature rating shall be 90°C dry and 75°C wet.
- The multi-conductor shielded cable shall be Manhattan Type PTN-TC "Foil-Shield" overall for direct burial. The multi-paired shielded cable shall be Manhattan Type MMIC-TC "Foil-Shield" overall for direct burial.
- Loop extension cable shall be 1-pair size 14 AWG multi-conductor shielded cable, Belden 603133 or approved equal.
- Shielded Power Cable. Multi-conductor normal AC and UPS 120 volt shielded power cable shall be color coded BLACK (Ground), RED (Hot) and BLUE (Neutral), and shall have cable ID markers at each end. The neutral shall be white taped at both ends in all junction boxes and terminal boxes where the cable overall jacket is removed. The ground shall be green taped at both ends in all junction boxes and terminal cabinets where the cable overall jacket is removed. The cable shall be 3/C size 12 AWG, Manhattan M-33867 or 3/C size 10 AWG, Manhattan M-33903, or approved equal.
- 24 Volt AC Multi-conductor Camera Power Cable. The multi-conductor cable for cameras shall have color coding - BLACK (Ground), RED (Hot) and BLUE (Neutral). The neutral shall be white taped at both ends where the cable overall jacket is removed. The ground shall be green taped at both ends in all junction boxes, terminal cabinets where the cable overall jacket is removed. The cable shall be 3/C size 16 AWG, Manhattan M-33828, or approved equal.
- Data and Communication Cable. All outdoor data and communication cables shall be temperature hardened and Outside Plant (OSP) rated cable.
  1. Individually Shielded Cables:
     a. The conductor shall be stranded, tinned, annealed copper.
     b. The insulation shall be color-coded polyethylene.
     c. Each pair shall be individually shielded with an aluminum/polyester shield and size 22 AWG stranded tinned copper drain wire.
     d. The jacket shall be red Teflon.
     e. The voltage rating shall be 300 volts.
     f. The temperature rating shall be 80°C.
  2. Six (6) pair size 22 AWG shielded cable shall be Belden number 88778 or Manhattan number M43106.
  3. Three (3) pair size 22 AWG shielded cable shall be Belden number 88777 or Manhattan number M43103.
  4. Four (4) pair size 23 AWG or size 24 AWG, outside plant rated CAT-6 cable shall be Belden number 7953A or Berk-Tek number 10139885. This cable shall be used for all outdoor device connections. This outdoor cable shall transition to the indoor CAT-6 cable (item #5) at the surge protection device for the respective line.
  5. Four (4) pair size 23 AWG or size 24 AWG, indoor CAT-6 cable shall be Belden number 2412 or Berk-Tek number 10136342. This cable shall be used for all indoor cabling and interconnections. This indoor cable shall transition to the outdoor CAT-6 cable (item #4) at the surge protection device for the respective line.
  6. Four (4) pair size 24 AWG, RS-422 cable, shall be Belden number 88104 or Quabbin number 8221.
- Coaxial Cable – I-Pass Antennas. Coaxial cable for I-Pass antennas shall be

Commscope number HELIAX® LDF4-50A, no substitutions are allowed. I-Pass antenna mounting hardware shall be furnished and installed by the Contractor as shown on the Plans.

- Coaxial Cable Connectors – I-Pass Antennas. Coaxial cable connectors for the I-Pass antennas shall be Commscope number L4TNM-PSA, no substitutions are allowed. The Contractor shall procure two (2) connectors per coaxial cable, as shown on the Plans, and four (4) additional connectors as spare, and provide them to the Engineer. Connector installation shall be done by Illinois Tollway.

Enclosures for Electrical Equipment and Fittings

Enclosures for electrical equipment shall conform to the area classification noted on the Plans. NEMA Type 12 enclosures shall be used in indoor dry areas. NEMA Type 4 or 4X enclosures shall be used for all outdoor panels and junction boxes.

Pull Boxes and Junction Boxes

- Pull boxes and junction boxes shall meet the requirements of Section 813 of the Standard Specifications, except as modified on the Plans and as required by this special provision. Outdoor boxes shall be JIC NEMA Type 4X, minimum 16 gauge, 316 stainless steel with stainless steel hinged cover and fasteners, unless otherwise noted on the Plans.
- Indoor boxes shall be NEMA Type 12 gasketed, 14 gauge, continuously welded seam, galvanized box and cover. Each cover shall be secured with round, recessed, pan head, or flat head stainless steel screws.

Acceptable manufacturers shall be Appleton Electric, Austin,, Cooper Crouse-Hinds, Hoffman, Keystone, OZ/Gedney, or approved equal.

Outlet Boxes

- Outdoor outlet boxes shall be malleable iron cast type.
- Outlet boxes for exterior fixtures, receptacles and switches shall be malleable iron with malleable iron covers complete with gaskets.
- Outlet boxes in interior areas, installed concealed shall be galvanized, pressed steel, knockout type, punched or partially punched.
- Exposed boxes for switches, receptacles, etc., inside the building shall be the solid box type. Outlet boxes shall conform to UL 514 standard.

Acceptable manufacturers shall be Appleton, Killark, Raco, Steel City, or approved equal.

Wiring Devices

- All wiring devices shall be installed in cast FS boxes with FS covers.
- Switches. Toggle switches shall be rated 20 amperes, 120/277 volts, single-pole, and

shall conform to Federal Specification W-C-596. The switches shall be Hubbell number LHIR, or approved equal

- Receptacles. Convenience outlets for general use shall be duplex, 3 wire, 20 ampere, 125 volts, NEMA 5-20R grounding type, Hubbell number HBL5362, or approved equal. Outlets shall be brown or ivory as approved by the Engineer.
- UPS receptacles shall be orange in color, duplex, 3 wire, 20 ampere, 125 volts, isolated ground type, Hubbell number IG5362, or approved equal.

Cable Trays-Fiberglass

- Cable tray system shall be made of straight sections, fittings, and accessories as defined in the latest NEMA FG-1. The system shall consist of cable tray, vertical bends, horizontal bends, covers with clamps, splice plates, end plates, tray to box splice plates, and necessary mounting hardware. The hardware shall be fiberglass reinforced vinyl ester resin made of the same material as the cable tray system.
- The cable tray system shall be B-Line Series 24, Fiberglass Vinyl Ester Resin, B-Line Material FV, with a ventilated trough over a 12 inch rung spacing and necessary mounting.
- Straight section structural elements and splice plates shall be pultruded from glass fiber reinforced polyester resin. Pultruded shapes shall be constructed with a surface veil to ensure a resin-rich surface and ultraviolet resistance. Shapes shall meet ASTM E 84, Class 1 flame rating and self-extinguishing requirements of ASTM D 635.
- Side rails shall be inward C-shape configuration and shall be pre-drilled to accept splice plates. Loading depths for cable tray system shall be in accordance with NEMA FG-1 tolerances. Loading classifications and test specimens shall be in accordance with NEMA FG-1.
- Molded fittings shall be formed with a minimum of three (3) inch tangent following the radius. Fitting radii shall be 12 inches or 24 inches for three (3) inch loading depths. Fittings that are not 90 degrees or 45 degrees shall be of mitered construction.
- Straight and expansion splice plates shall be of L-shaped lay-in design with an eight-bolt pattern in five (5) inch fill trays and four-bolt pattern in three (3) inch and two (2) inch fill systems. Dimension tolerances shall be in accordance with NEMA FG-1.
- Cable tray supports shall be supplied by same manufacturer as that of the cable tray system. Supports shall be as shown on the Plans and as required by the system.

Acceptable manufacturers shall be Cooper B-Line Systems, Inc., or an approved NEMA FG-1 member.

Panelboards

- Each panelboard shall have voltage characteristics, bus size, main lugs only or main circuit breakers, surface mounted or recessed mounted cabinet, and number and size of branch circuit breakers as shown on the Plans. In general, panelboards shall be enclosed in 14 gauge (minimum) steel cabinet of dead front type, having steel trim, and door with continuous piano concealed hinges and cylinder type locks including two (2) keys thereof. Each panelboard shall be UL rated for short circuit rating as specified. Series integrated ratings are not acceptable.
- Cabinets. Cabinets shall comply with applicable NEMA standards and shall be suitable

for flush or surface mounting in locations as shown on the Plans. The cabinets shall provide a minimum of six (6) inches clear space for wiring gutters at top, bottom, and sides. Each cabinet shall be a minimum of 24 inches wide. Each cabinet shall be large enough to accommodate external cables and any special lug bus required to connect to oversized cable due to voltage drop.

- Doors and Trims. Doors shall have concealed hinges. Trims shall be fastened with self-adjusting clamps. Double doors shall be provided where necessary, or as indicated on the Plans.
- Circuit Breakers. Circuit breakers shall be of "bolt on" type, and shall have a minimum interrupting rating of 65,000 amperes at 240 volts AC.
  1. All busses shall be hard drawn electrolytic copper having 98 percent conductivity and sized on a basis of 1000 amperes maximum per square inch of cross sectional area.
  2. Circuit breakers for all panels shall be thermal-magnetic with each pole providing inverse time delay and instantaneous circuit protection.
  3. Circuit breakers shall be back connected to bus bars, molded case heavy-duty type.
  4. Each panel-board shall be furnished with a full-length ground bus drilled and tapped to accommodate a ground cable for each circuit breaker. Cable terminals shall be provided.
  5. Branch circuit breakers shall be single or multiple-pole with capacities and trip ratings as specified or as shown on the Plans.
  6. Each branch circuit breaker shall be identified by a card holder or designating button mounted adjacent to the circuit breaker to properly identify each circuit.
  7. Neutral cables, where called for, shall be grouped and arranged on a common bus and each terminal shall be stamped to indicate number of breakers with which it is associated.
- Panelboards Interior. Each panel interior shall be provided with adjustable brackets to permit leveling and aligning in cabinets. All lugs and terminators shall be copper. Aluminum copper connectors are not acceptable. Interchangeable locking devices shall be provided to lock breakers in an "Off" or "On" position.

Acceptable manufacturers shall be Eaton, General Electric, Siemens, Square D/Schneider Electric, or approved equal.

Local Control

- All enclosures for local control equipment shall have proper NEMA rating for the area in which they are installed.
- Safety switches shall be rated at 250 volts AC for 208 and 120 volts AC circuits. Each safety switch shall be heavy duty, non-fusible, horsepower rated.
- Circuit breakers for 120 volts and 208 volts service shall be 240 volt rated, "bolt-on" type, and shall have an interrupting rating of 65,000 amperes at 240 volts AC.
- Each circuit breaker and disconnect switch shall have an external handle that can be padlocked in the "OFF" position. Handle operation shall be quick-make, quick-break, tease-proof mechanism.

Acceptable circuit breaker manufacturers shall be Eaton, General Electric, Siemens, Square D/Schneider Electric, or approved equal. Acceptable disconnect switch manufacturers shall be Allen-Bradley Co., Crouse-Hinds, Div. of Cooper Industries, Inc., Siemens Energy & Automation, Inc., or approved equal.

Lighting Fixtures

- Interior and exterior lighting fixtures shall be complete with all necessary mounting hardware, fittings, starters, reflectors, etc., and shall be ready for installation.
- Light Emitting Diode (LED) Fixtures. LED fixtures shall be of the type called for on the Plans. The Contractor shall provide auxiliary supports for proper fixture mounting and installation.
- Exterior Lighting. Exterior lighting shall be equipped with photo-cells, hand-off-auto selector switch, and contactor-controlled as indicated on the Plans.
- Lamps. The Contractor shall furnish and install all lamps. Acceptable manufacturers shall be General Electric, Sylvania, North American Philips, or approved equal.
- Emergency Lighting. The Contractor shall furnish and install material necessary to provide wall mounted, battery-powered, emergency lighting as indicated on the Plans. Each battery-powered emergency lighting unit shall be provided with wall mounting bracket. The Contractor shall furnish and install all materials necessary to provide wall mounted "EXIT" signs, as indicated on the Plans.
- Light Control. Contactors shall be 600 volts AC, and ampere-rated as required, electrically operated, mechanically held type, with auxiliary relay for hand-off-auto and remote photo-cell control. Contactors shall be installed in NEMA type enclosures as shown on the Plans.

Photo-cell control shall conform to the requirements of Article 1068.01(e) of the Standard Specifications.

Card Access System

- The card access system shall have a minimum capacity of 25 cardholders, expandable to a maximum of 100 at the access point. Each card record file shall include employee name, department, title, and phone number. The system shall maintain up to eight issue levels for each card, and retain the original card number and other access parameters should the card be lost, stolen, or re-assigned. Every time a card is re-issued or re-assigned with a new issue level, the previously issued card shall be automatically voided. Acceptable Manufacturer shall be Hirsch Electronics, Inc. model "Hirsch Management System 8".
- The work specified in this Section shall include, but not be limited to, the following:
  1. DIGI*Trac 8 Door Controller
  2. Card Readers
  3. Power Supply
  4. Supervised Magnetic Switch
  5. DIGI TRAC Controller Software
  6. Cables
  7. Raceway
- Components:
  1. M8 Model 8 Controller Board
  2. BPS 24-4 Power Supply – Securitron (used for door strikes)
  3. SNIB2 Secure Network Interface Board
  4. AEB8 Alarm Expansion Boards (Quantity four (4))

5. MB2 Mounting Boxes with MRIA (one (1) per door access)
6. XMS Motion Sensors (one (1) per door)
7. CR20LBL HID Card Reader (one (1) per door)
8. D80 Electric Door Lever (one (1) per door)
9. Ademco Recessed Door Contacts (one (1) set per door)
10. TSB-C Door Cards (one (1) per door)
11. MELM-1 (32-used for alarms)
12. Belden No. 8723, 2-pair cable (2 cable runs from Hirsch Panel to each door)
13. Belden No. 8760, 2 conductor cable (1 cable run from Hirsch panel to each door)
14. Belden No. 9431, 3-pair cable (run from the Hirsch Panel to the TSIC board – Phoenix Contact)
15. Belden No. 8777, 3-pair cable (run from any alarm point to the Phoenix Contact Terminal block on the TSIC board)
16. Phoenix Terminal Block-PN# UK5N (Quantity 32)
17. DIN Rail

- Central Controller. The controller shall incorporate a state-of-the-art, multi-user, multi-tasking Central Processing Unit (CPU) specifically designed as a security management system. The system shall be listed by Underwriters Laboratories.
- System Software. The software shall have the capability to provide Time and Attendance. The software shall report and control entry and exit during user-defined work day using standard working shifts or flexible time schedules.
- Cards. The Contractor shall provide a total of 25 security cards.
- All readers shall be heavy duty construction with a tough cast metal housing and shall have tamper switch alarm monitoring.

Fire Alarm System

- The fire alarm system shall include, but not limited to, one (1) Fire Alarm Control Panel (FACP), Transponder Panel (TXP), fire alarm initiating and indicating devices, power supply conduit and wire, fire extinguisher units, and accessories required to provide a complete and operational system.
- Fire Alarm Control Panel (FACP). The FACP shall provide power, annunciation, supervision, detection, and alarm for fire and smoke detection. The FACP shall be an intelligent system with a microprocessor and memory. The FACP shall use intelligent analog detector technology. The FACP shall be UL-listed independently as a fire alarm control unit in addition to being listed as a critical component of a proprietary multiplex system.
- Central Processing Unit (CPU). The central processing unit (CPU) shall be incorporated in the FACP and shall be microprocessor-based and provide the necessary system logic circuitry and interrogate/response polling to perform required automatic control-by-event, time of day functions, and trouble switching as delineated by the drawings or specifications.
  1. The CPU shall include Electrically Erasable Programmable Read-Only Memory (EEPROM) memory for emergency file lists and system program instructions. Programming instructions and basic life safety software shall be completely nonvolatile. The system shall not utilize moving disk technology where dust, humidity, or temperature can cause adverse operating performance.
  2. The CPU shall be software equipped to provide automatic control-by-event programming, whereby the receipt of an alarm point may be programmed to operate

any or all of the control points within the system. Automatic control-by-event actions for life safety functions shall be retained in nonvolatile memory for reliability.

3. The CPU unit shall be completely field-programmable on site by the manufacturer's representative. Systems requiring Programmable Read-Only Memory (PROM) burning without on-site editing capability from this panel shall not be acceptable. Edited changes shall be nonvolatile. The central processing unit and memory shall have the capability of supporting a minimum of 25 addressable supervised inputs and outputs.

- Transponder Panel (TXP). A transponder panel (TXP) shall contain input and output electronic control boards to accept dry contacts from other devices with the signal voltage being provided by the TXP. The transponder shall receive its commands for outputs from the FACP and shall transmit input data to the FACP. The transponder shall operate in a master/slave configuration whereas the transponder is not required to operate as a stand-alone NFPA 72 FACP. The transponder shall communicate with the FACP by means of a two-wire multiplex data communication line.
- Smoke Detector - Photoelectric Type. The photoelectric type smoke detector unit shall be of the two-piece construction, a plug-in detector with the electronics and a mounting base.
- The detector shall operate on the light refractory principle and shall have a rate compensation circuit to increase detection sensitivity upon rapid buildup of smoke. The detector shall automatically adjust the sensitivity to compensate for the effects due to dirt and dust accumulation on the sensor.
- The detector shall be a closed contact on alarm type. A trouble condition shall annunciate at the Hirsch control panel if the detector is inoperable due to internal or wiring failure.
- Manual Stations. The manual station shall consist of die-cast aluminum housing with a hinged back-plate, along with a provision for mounting on a standard outlet box. The station shall have terminals for in and out wiring of the initiating circuit manual. A test means shall be provided for each station. The manual stations shall be of the addressable type. Stations shall be designed for either surface or semi-flush mounting. The stations shall be red with a high gloss enamel finish. Inscriptions, text, and marks shall be on the front plate in white raised, cast letters. Target background shall be white.
- Single Action Type. The single action type shall consist of a handle which, when pulled, shall activate the alarm contacts. A key-locked front hinged cover shall be opened to reset the station.
- Keys and Locks. All keys for the manual stations reset locks with the FACP shall be keyed alike.
- Wires and Cables. Wires and cables installed for fire alarm systems shall be copper, solid, and shall be sized as per manufacturer's recommendations. The Contractor shall verify with the manufacturer of the fire alarm system the requirement of wire types and sizes for the proposed fire alarm system. The following wire and cable characteristics shall be met:
  1. Initiating Device Signal Circuits:
     a. Type: Twisted, shield, pair.
     b. Size: 16 AWG.
     c. Application: Initiating circuits connected to smoke detectors and pull station.
  2. Communication Lines:
     a. Type: Twisted, shield, pair.
     b. Size: 14 AWG for communications between the Hirsch control panel and Demark terminal.

c. Application: Communication circuit to headquarters.

3. 24 Volt DC Power:
   a. Type: THHN/THWN.
   b. Size: 12 AWG.
   c. Application: Circuits for addressable devices.

- Sequence of Operation: The actuation of any signal initiating device shall cause all alarm signals to be transmitted to the office center until the actuating device is restored to normal and the control panel is reset. This shall also cause the air handling units to shut down. In the event of operating power failure, an open circuit or ground in the system, the system trouble lamp and trouble signal shall actuate.

Acceptable manufacturers shall be Simplex Time Recorder Co., Cerberus Pyrotronics, Fenwal, or approved equal.

Fire Extinguisher.

- Fire extinguishers shall be class BC Carbon Dioxide (CO2) type and shall be provided as shown on the Plans. Acceptable manufacturers shall be AMEREX Model No. 331, or approved equal

Uninterruptible Power Supply (UPS) System – All Electronic Tolling Equipment

- The Contractor shall furnish and install an uninterruptible power supply system in toll plaza building as shown on the Plans and specified herein.
- Uninterruptible power supply systems shall include: UPS unit, line conditioner, bypass switches, receptacles, plugs, and all interconnecting conduits and wiring.
- Uninterruptible Power Supply (UPS) with Battery Unit. Each UPS unit shall be rated for 120 volts, single phase, 60 Hertz input and output at 3000VA/2100W, and shall be furnished with the standard internal batteries mounted in the same enclosure. The UPS unit shall be supplied with a 6-foot input power cord with a NEMA Type L5-30P plug, four (4) NEMA Type 5-15R, two (2) NEMA Type 5-20R and one (1) NEMA Type L5-30R output receptacles. The UPS enclosure shall be 14.2 inches high, 8.6 inches wide, 18.6 inches deep and approximately 88 pounds in weight.
- Line Conditioner (L/C). Each Line Conditioner shall be rated for 120 volts, single phase, 60 Hertz input and output at 3100VA/2200W. Each unit shall be supplied with a 6 foot input power cord with a NEMA Type L5-30P plug, four (4) NEMA Type 5-15R and one (1) NEMA Type L5-30R receptacles, output power indicator light and on/off switch.
  1. The line conditioner enclosure shall be approximately 11-3/8 inches high, 11-1/8 inches wide, 18-3/4 inches deep and approximately 122 pounds in weight.
  2. The Line Conditioner shall be Wiremold (Sentrex) Model Number CLC-3100-AAA.
- Bypass Switch. The bypass switch shall be rated for 30 amperes, 300 volts AC, single phase, 60 Hertz. The switch shall be make-before-break with flat plate jumpers removed as required for two (2) input power sources. The switch enclosure shall be approximately 12 inches high, 10 inches wide, 3 inches deep, and approximately 9 pounds in weight.

The UPS shall be a General Electric (GE), model number VH-3000 UL with **2** battery packs. Each UPS shall be provided with a GE UPS 16400 SNMP internal module. The Contractor shall furnish and install CAT 6 cable from each UPS to the future CISCO network switch.

The Bypass Switch shall be Powerware/Best model number BPE-01-MBB-1A.

Equipment Racks

- The Contractor shall provide three (3) 4-post equipment racks in the remote toll plaza building, as shown on the Plans.
- The equipment racks shall be heavy duty steel 4-post equipment racks, gray, and shall be provided with two (2) 12-outlet power strip.

Acceptable manufacturers shall be Cooper B-line, model number SB837090CFB, or approved equal.

Data Logger Camera and Security Camera Video Power Junction Box

- Each data logger camera video junction box shall be equipped with a Power over Ethernet (PoE) mid-span injector, Category 6 line surge protection device, and ground bar as shown on the Plans and specified herein.
- Each security camera video junction box shall be equipped with a Power over Ethernet (PoE) mid-span injector, Category 6 line surge protection device, and ground bar as shown on the Plans and specified herein.
- Enclosures shall be 20" x 16" x 8" single door, NEMA Type 1 with back panel. Enclosures shall be Hoffman model number A-20N16BLP with back panel model number A-20N16MP, or approved equal.
- PoE mid-span injector for Data Logger Camera system shall be rated 60 watts with 120 volts primary and shall be Axis Communications model number T8124, no substitutions allowed.
- PoE mid-span injector for Security Camera system shall be rated 30 watts with 120 volts primary and shall be Axis Communications model number T8133, no substitutions allowed.
- Surge protection device for the Category 6 (CAT-6) line shall be Ditek model number DTK-MRJPOES.
- Ground bar shall be Hoffman model number PG2SK, or approved equal.
- Panel wiring shall be size 12 AWG stranded copper with Type SIS cross-linked polyethylene insulation.
- A laminated plastic nameplate with 3/8 inch black letters on a white background shall be installed on the front of each junction box, and laminated plastic nameplates with 1/4 inch black letters on white background shall be installed at terminal blocks with self-tapping stainless steel screws.
- Each video junction box shall be assembled in accordance with the details shown on the Plans.
- One (1) Digital Logger DIN Relay IV in each toll plaza building.
- CAT 6 Jumper cables as needed.

Data Logger Camera System and Fiber Optic Equipment

- The Contractor shall furnish and install data logger camera(s) including associated

power supplies.

- Data Logger Camera Assemblies. Each data logger PTZ camera assembly shall consist of the following items:
  1. An Axis Q-60 Series dome camera. Axis model number Q6055-E.
  2. All pole mounting attachments and accessories as recommended by Axis.
  3. The dome camera assembly shall include a 1080p IP color camera, 32X optical/12X digital zoom lens, pan/tilt and receiver in an environmentally sealed pendant enclosure. The enclosure shall be suitable for extremely low temperature operation (-40°C).
  4. Axis high Power over Ethernet (PoE) 60 watts midspan injector. Axis model number T8124. The injector will be used to power and communicate with the Axis data logger camera. The PoE injector shall be installed inside the video power junction box in the toll plaza building.
  5. Veracity Outreach Max XT device when the distance from the PoE Injector and the IP camera is greater than 300 feet. The Contractor shall include a small stainless steel enclosure to mount and terminate the Outreach Max XT device.
  6. The total distance shall be no greater than 600 feet with the intention of placing the Outreach device in the middle of the path.

Fiber Optic Equipment:

- Fiber Optic Cable Closed Connector Panel Housing. The Contractor shall provide six (6) rack mounted connector panel housing in each toll plaza building for fiber cross-connection and interconnections – three (3) mounted on the ITS equipment rack and three (3) shall be mounted on the IT equipment rack. The connector housing panel mounted on the IT equipment racks shall have locking mechanism for security. The connector panel housing shall be Corning System part number CCH-04U, no substitutions allowed. The connector panel housing shall be able to accept twelve (12) single-mode fiber panels and shall be four (4) rack units high.
- Fiber Optic Cable Connector Panels: The Contractor shall provide twelve (12) single mode fiber optic Connector Panels with duplex SC connectors, per Connector Panel Housing noted above. The Connector Panels shall be Corning System part number CCH-CP12-59, no substitutions allowed.

Front and Rear Violation Enforcement System (VES) Camera Video Power Junction Box

- The Contractor shall furnish and install the front and rear VES camera video junction box as shown on the Plans. Each front and rear VES camera video junction box shall be equipped with VES camera power supplies, fuses, circuit breakers, terminal blocks and ground bar as shown on the Plans and specified herein.
- Front and rear VES camera video power enclosure for the main toll plaza shall be 48" x 24" x 8" single door, NEMA Type 1 with back panel, Hoffman model number A-48N24BLP with model number A-48N24MP back panel, or approved equal.
- Additional equipment required to be provided by the Contractor is as listed below:
  1. Power supply shall be a 24 volt, 4.5 ampere max current module and shall be TDK-Lambda model number QM7FSDL 24/24DMS 24/24DMS 24/24DMS 24/24DMS 24/24DMS 24/24DMS .
  2. Fused terminal blocks shall be rated 30 amperes, 57 volts and shall be equipped with 5 ampere Bussman Type FNM. Fused terminal blocks shall be Allen-Bradley model number 1492-FB1M30-D1 (with red LED), or approved equal.
  3. Terminal blocks shall be rated 35 amperes, 600 volts. Terminal blocks shall be Allen-

Bradley model number 1492-CD8, or approved equal.

4. Surge suppressor for the Category 6 (CAT-6) line shall be Ditek model number DTK-MRJPOES, and for the 24 volts AC/DC line shall be Cooper Crouse-Hinds MTL model number 24580.
5. Power distribution block shall be rated 175 amperes and shall be Marathon model number 1322580.
6. Miniature circuit breaker shall be rated 15 amperes, 1-pole and shall be Schneider Electric model number QOU115.
7. Panel wiring shall be size 12 AWG stranded copper with Type SIS cross-linked polyethylene insulation.

Security Video Camera System

The Contractor shall furnish and install internal security camera assemblies, including associated power supplies and any other required items, as shown on the Plans.

- Internal Security Camera Assembly. Each security camera assembly shall consist of an internal fixed dome camera assembly, including a 720p IP color camera with remote zoom and focus, in an environmentally sealed IK10-rated vadal resistant enclosure. The camera shall be able to handle scenes with strong variations in light. The camera assembly shall be suitable for operation temperature range of (0°C to 65°C). The security camera shall be an Axis P-33 Series fixed dome camera, Axis model number P3374-V.
- Power Supply. The camera assembly shall include a 30-watt Power over Ethernet (PoE) midspan injector – Axis model number T8133. The PoE injector shall be installed inside the security camera video power junction box in the toll plaza building, as shown on the Plans.
- The Contractor shall furnish and install all wall mounting attachments and accessories as recommended by the camera manufacturer, required for mounting the camera as shown on the plans. .

Electrical Identification

- Electrical equipment labeling shall conform to the latest Intelligent Transportation Systems (ITS) Labeling Guide as published by the Illinois Tollway.
- The Contractor shall provide white with black core laminated phenolic nameplates with 3/8 inch lettering etched through outer covering. Each nameplate shall be fastened with stainless steel screws to each piece of equipment.
- All major electrical equipment shall be identified, this includes disconnect switches, panels, switches, etc. Disconnect switches serving feeders and over-current protective devices mounted in a switchboard shall be so identified. Embossed self-adhering plastic tape labels shall not be used.
- Cable/wire markers shall be installed on both ends of all conductors. All wire and feeder cables shall be labeled with wire markers in all junction boxes, pull boxes, control panels, panel-boards, switchboards, etc. Cable and wire markers shall be per TIA-606 Standard for labeling telecommunication equipment and be approved by the Illinois Tollway. The markers shall be attached to all cables where entering or leaving a conduit run. Cable designation and circuit use shall appear on the tag.

Acceptable manufacturers shall be Brady, Panduit, 3-M, Thomas and Betts, or approved equal.

Motor Voltage Operation

- Unless otherwise noted, AC motors under 1/2 horsepower shall be 115 volts AC, single-phase, 60 hertz. Motors 1/2 horsepower and larger shall be 200 volts AC, three-phase, 60 hertz for use on a 208-volt system.
- AC motor type enclosure and other design requirements shall be as specified in this Special Provision.

CONSTRUCTION REQUIREMENTS

The Contractor shall closely coordinate his/her work and submittals with the Engineer. This includes, but is not limited to, the following:

Pre-Procurement Documentation Approval

- Within 10 business days from the Notice to Proceed (NTP), the Contractor shall submit to the Engineer for review and approval through Illinois Tollway Web Based Program Management (WBPM) system, a detailed schedule showing dates for: product submittals and approvals; request for device configuration by the Illinois Tollway, if required; construction/installation; testing; burn-in period; and warranty of each system component. This detailed schedule shall be included in the Baseline Schedule, as required per Illinois Tollway Supplemental Specifications Article 108.02.
- Within 10 business days from the Notice to Proceed (NTP), the Contractor shall submit to the Engineer for review and approval a completed Contractor Submittal Checklist.
- Materials and installation shall conform to the applicable codes and standards.
- Material data information shall include, but not be limited to, installation drawings, schematic wiring, single line diagrams, lighting panel schedules, conduit and cable schedules, grounding, symbols and legends, etc.
- The equipment manufacturers' schematic diagrams shall be "JIC" ladder type.
- The equipment manufacturers' wiring diagrams shall show terminal blocks for external wiring.
- The equipment manufacturers' internal point to point and external wiring diagrams between cubicles, panels and components within the equipment line up shall be provided.
- The Contractor must obtain approval of the schedule, model cut sheets, wiring diagrams, and calculations from the Engineer prior to purchasing any equipment and subsequently performing the installation per the approved documents, Plans, and specifications.

Shop drawings submittal shall include, but not limited to, the following items:

- Power and Data Wires and Cables
- Receptacles and Switches
- Panelboards

- Uninterruptible Power Supply System
- Disconnect Switches
- Contactors
- LED Lights
- Emergency Lighting Units
- Cable Tray
- Bypass/Isolation Switches
- Photoelectric Cell
- Data Logger Camera System
- Security Camera Sytem
- Fiber Optic Equipment
- Equipment Racks
- Card Reader Equipment
- Special Cables
- Video Power Junction Boxe

Shop drawings shall consist of a complete list of materials including manufacturer's descriptive and technical literature, model cuts, drawings, installation instructions, mounting details, single line and control schematic diagrams of equipment, where applicable.

Additional shop drawing submittal requirements for the toll plaza electrical work components are as follows:

- Card Access System:
  1. Product data and model cuts information shall also be submitted for:
     a. Card readers
     b. Card reader terminal controller
     c. Card reader smart terminal interface
     d. Card access programmer
  2. A complete list of materials including manufacturer's descriptive and technical literature, model cuts, drawings, and installation instruction. Shop drawings shall include, but not be limited to, the following:
     a. Special fabricated component which are not a manufactured standard product
     b. Plan drawings indicating the location of all product data indicating material proposed, connections, raceway requirements, power supply requirements, the methods of construction and all log penetrations
     c. Mounting details
     d. Parts list

Pre-Installation Requirements

- Thirty (30) days prior to the scheduled field installation of the toll plaza electrical system, the Contractor shall notify the Engineer of the anticipated delivery date of any toll plaza component, to the Illinois Tollway Central Administration (CA) Building for configuration and labeling prior to installation by the Contractor. The Contractor shall provide a form to the Engineer during acceptance of the equipment at CA showing the equipment, each equipment specific serial number, and the field location of each piece of equipment. This form will be signed by both the Engineer and the Contractor.
- Equipment and material shall be delivered to the job site or storage facility in its original

containers, and shall be suitably sheltered from any adverse element and mechanical damage. The equipment and material shall be readily accessible for inspection until installed. Items subject to moisture damage shall be stored in dry heated spaces. Manufacturer's directions shall be followed in the delivery, handling, storage, protection, installation and operation of all equipment and materials.

- The Contractor shall coordinate with the Engineer the movement of heavy machinery, equipment and heavy parts thereof brought into or onto the building or premises.
- The Contractor shall secure and pay for all required permits, governmental fees, taxes and licenses necessary for the proper execution and completion of the Work.

The Contractor shall notify the Engineer of any proposed materials or apparatus believed to be inadequate, unsuitable, in violation of laws, ordinances, rules or regulations of authorities.

INSTALLATION

General

- The Contractor shall perform all Work with trained mechanics of the particular trade involved in a neat and workmanlike manner as approved by the Engineer.
- Materials and installation shall comply with codes, laws and ordinances of Federal, State, and local governing bodies having jurisdiction. Should any work performed by the Contractor be deemed by the Engineer non-compliant with the applicable building codes, State and Federal laws, local ordinances, industry standards and utility company regulations, changes for compliance shall be completed by the Contractor at no additional cost to the Illinois Tollway.
- In the event of any conflict between building codes, State and Federal laws, local ordinances, utility company regulations, and the contract documents, the most stringent code shall govern.
- All equipment and materials acquired for this Project shall conform to any acts, laws, rules and regulations of the following organizations:

1. National Electrical Code (ANSI/NFPA70)
2. National Electrical Safety Code (NESC/ANSI C2)
3. American National Standards Institute (ANSI)
4. National Fire Protection Association (NFPA)
5. Institute of Electrical and Electronics Engineers (IEEE)
6. Insulated Cable Engineers Association (ICEA)
7. National Electrical Manufacturers Association (NEMA)
8. Illuminating Engineering Society of North America (IESNA)
9. Underwriters Laboratories Inc. (UL)
10. Canadian Standards Association (CSA)
11. Occupational Safety and Health Administration (OSHA)
12. Motorola R56

- Unless otherwise specified herein in these special provisions, all equipment and materials acquired and installed under this contract must comply with all applicable requirements of the latest edition of the Standard Specifications.
- The Contractor shall perform all Work in cooperation with other trades and schedule to

allow speedy and efficient completion of the Project.

- The Contractor shall furnish other trades with advance information on locations and sizes of frames, boxes, sleeves and openings needed for the Work, and also furnish information and shop drawings necessary to permit trades affected to install their work properly and without delay.
- Where there is evidence that work of one (1) trade will interfere with the work of other trades, all trades shall assist in working out space conditions to make satisfactory adjustments and shall be prepared to submit and revise coordinated shop drawings and installation drawings.
- Work installed before coordinating with other trades so as to cause interferences with the work of such other trades shall be changed as directed by the Engineer to correct such condition without additional cost to the Illinois Tollway.
- Minor changes in the locations of outlets, fixtures and equipment shall be made prior to rough-in at the direction of the Engineer and at no additional cost to the Illinois Tollway.
- The Contractor shall cooperate with other trades and coordinate the Work to eliminate conflicts with other work.
- Locations of electrical outlets, lighting panels, cabinets, equipment, etc. are approximate and exact locations shall be determined by the Contractor at the Project site.
- The Contractor shall refer to Contract Documents for details, reflected ceiling plans, and large scale plans.
- The Contractor shall protect the materials and work of other trades from damage during installation of the Work provided under this Contract.
- The Contractor shall install equipment in accordance with approved shop drawing and equipment manufacturer's recommendations.
- All equipment shall be installed with workspace clearances as required by applicable codes, and to permit maintenance and replacement of components. The Contractor shall adjust the location of equipment to accommodate the installation in accordance with field conditions encountered.
- Equipment furnished shall have the manufacturer's name, address, and model number and rating on the manufacturer's nameplate securely affixed in a conspicuous place. The nameplate of a distributing agent is not acceptable. Code ratings, labels or other data, including any that are die-stamped into the surface of the equipment, shall be placed in a visible location.

Equipment Noise Limitation

- Noise levels of electrical devices and equipment shall be within acceptable limits as established by NEMA or other valid noise rating agencies. The Illinois Tollway's acceptance will be based on practical and reasonable considerations of occupancy requirements.
- The Contractor shall check and tighten the fastenings of sheet metal plates, covers, doors, and trims to prevent vibration and chatter under normal conditions of use.
- Transformers and lamp ballasts shall be designed and rated for "quiet" operation.
- The Contractor shall remove and replace any individual electrical item or device that is found to produce a sound energy output exceeding that of other identical devices installed on this Project.

Transmission of Vibration

- Electrical equipment, conduit, and fittings shall not be mounted to or supported by

elements subject to vibration except by methods that shall prevent transmission of vibration thereof.

- Where flexible conduit lengths are utilized as a mean of isolating equipment and conduit systems vibration, care shall be exercised to assure continuity of ground throughout. Flexible conduit lengths shall be kept to a minimum.

Protection

- The Contractor shall protect conduit and cable tray openings against the entrance of foreign matter by means of plugs or caps.
- The Contractor shall cover fixtures, materials, equipment and devices furnished or installed under this Contract or otherwise protect against damage, before, during, and after installation.
- Fixtures, materials, equipment, or devices damaged prior to final acceptance of the Work shall be restored to their original condition or replaced.
- Equipment shall be inherently safe and moving parts shall be secured appropriately.

Equipment Bases

- The Contractor shall furnish and install concrete pedestals, bases, pads, curbs, anchor blocks, anchor bolts, slab inserts, channels, etc., for installation of electrical equipment and apparatus that is floor-mounted.
- Concrete pads shall be six (6) inches high, unless otherwise indicated on the Plans, complete with steel reinforcing and necessary bolts, anchors, etc. Where concrete pad is set directly on concrete floor, dowels in floor to tie base to floor shall be provided. These pads shall be extended at least four (4) inches beyond the equipment outline on all four (4) sides, unless otherwise indicated on the drawings.

Hangers

- The Contractor shall furnish and install adequate supports for all equipment, either suspended from the construction above, or by means of struts to the construction below.
- The Contractor shall furnish and install straps, clamps, threaded rods, turnbuckles and anchors and all miscellaneous specialties for the attachment of hangers and supports to the structure. Conduit hangers for single conduit threaded rod supports shall be a maximum of seven (7) feet long. Threaded rod supports shall be sized in accordance with the hanger manufacturer's requirements.

Sleeves

- The Contractor shall furnish and install sleeves where conduits pass through walls as required by the Plans, and/or as directed by the Engineer.
- Sleeves shall be 18 gauge galvanized sheet metal or plastic, as approved by code, of sufficient length to finish flush with finished surfaces at both ends of sleeves. Sleeves shall be not less than one (1) inch larger than outside diameter of conduit.
- Where conduits pass through floors on grade or exterior walls, the Contractor shall caulk sleeves with non-hardening sealant at both ends to ensure waterproofing around the conduit.
- Sleeves shall be set true to line level plumb and position and shall be so maintained during construction.

- Where sleeves are provided in poured concrete, the Contractor shall inspect each sleeve during and after concrete is poured to ensure proper position and to correct any deviation.

Painting

- All electrical equipment not specified for factory finish painting under other Special Provision Items shall be painted as specified herein.

Patching

- The Contractor shall provide all cutting and patching of building materials required for the installation of the Work herein specified. No structural members shall be cut without the approval of the Engineer. Roof deck is considered a structural member. Approved cutting shall be done with concrete saws or core drills.
- Patching shall be provided by mechanics of the particular trade involved and done in a neat and workmanlike manner.

Cleaning

- All rubbish and debris shall be collected, removed from the jobsite, and disposed of legally on daily basis. The Contractor shall ensure the installation environment is free of any construction debris, packing materials or any other debris that may cause a safety/trip hazard. All floors shall be kept in a broom clean condition.
- In addition to using preventative measures, such as, keeping conduits capped, keeping gaskets intact and covers/doors closed on boxes and enclosures, and covering equipment as needed; the Contractor shall clean the inside of the conduits as required before pulling wires and cables. The Contractor shall clean the interiors of equipment enclosures, lighting fixtures, light standards and panels as needed before installing field mounted equipment and devices. The Contractor shall clean the interiors and exteriors of all enclosures, fixtures, and panels as needed or as directed by the Engineer.
- After completion of the electrical installations, the entire system shall be thoroughly cleaned to remove all foreign materials from the conduits, boxes and enclosures, equipment, lighting fixtures, light standards, panels, cords, etc.
- Cleaned shall mean the thorough removal of, but not limited to, dust, dirt, oil, grease, cement, plaster, welding spatters and paint spatters. All cleaning agents and methods shall be in accordance with the electrical equipment manufacturers' recommendations and subject to approval of the Engineer.

Conduit

- The conduit system shall be installed complete with all accessories, fittings, and boxes, in an approved and workmanlike manner to provide proper raceways for electrical conductors. Conduit shall be installed concealed or exposed as shown.
- Exposed conduit runs shall be installed true, plumb, parallel with or at right angles to adjacent structural members, and must present an orderly, neat and workmanlike appearance.
- Field bends shall be carefully made to prevent conduit damage or reduction in internal areas. Field bends shall be made with proper tools for the size and type of conduit being used. The bending radius shall be not less than six (6) times the nominal diameter of the

conduit, with carefully matched bends on parallel runs to present a neat appearance. The number of crossovers shall be kept to a minimum. In addition to the above requirements, all cables installed in conduits requiring bends shall adhere to the allowable bend radius per the cable manufacturer specifications and any additional requirements per the device manufacturer for which the cable is used.

- All conduit cut on the job shall be carefully reamed after threading to remove burrs. All field cut threads shall be tapered. No running threads shall be permitted. All field cut threads on steel conduit shall be given a coat of zinc dust in oil, or other approved compound.
- All threaded joints shall be watertight and ensure a low resistance ground path in the conduit system.
- All conduits shall be carefully cleaned before and after installation and all inside surfaces shall be free of imperfections likely to injure the cable. After installation of complete runs, all conduits shall be snaked with an approved tube cleaner equipped with an approved cylindrical mandrel of a diameter not less than 85 percent of the nominal diameter of the conduit. Any conduits through which the mandrel will not pass shall be removed and replaced. After snaking, the ends of the dead-ended conduits shall be protected with standard malleable metal caps to prevent the entrance of water or other foreign matter.
- Lines of nylon or polypropylene, propelled by carbon dioxide or compressed air, shall be used to snake or pull wire and cable into conduits. Flat steel tapes or sparks tapes may be used where GRS conduit runs are shorter than 50 feet. Steel cables are not acceptable.
- Where conduits are connected to boxes or equipment enclosures, drilled holes or full size knockout openings shall provide electrical continuity for grounding and shall be assured by the use of bonding type locknuts. Where connections are at eccentric knockouts, jumper type grounding bushings and wire jumpers shall be installed.
- At pull boxes and junction boxes that have any box dimension in excess of 18 inches and having a total of more than four (4) conduit terminations, jumper-type grounding bushings shall be installed on conduit ends and jumper wires shall be installed to bond all conduits and to bond conduits to boxes.
- Conduit bends that are crushed or deformed in any way shall not be installed.
- Conduit systems shall be installed, with fittings, double locknuts and bushings, and made up tight to ensure ground continuity throughout the system.
- Conduit connections to NEMA Type 3R, NEMA Type 4, and NEMA Type 4X enclosures shall terminate in a threaded hub with an insulated throat to provide a positive seal, an electrical ground and a water tight connection. Each hub shall be OZ/Gedney Type CH-T, or approved equal.
- As far as practicable, conduit shall be pitched slightly to drain to the outlet boxes, or otherwise installed to avoid trapping of condensate. Where necessary to secure drainage, a breather-drain fitting shall be installed in the boxes or fittings at low points. Each breather drain fitting shall be manufactured by Cooper Crouse-Hinds Co., Appleton Electric Co., or approved equal.
- Conduit shall not run through columns or beams unless so specifically detailed on the installation drawings.
- Where installed in the concrete slab, the conduit shall be placed in the center of slab and no closer than three (3) diameters from adjacent conduits. The maximum outside diameter of conduits in slab shall be no greater than 1/3 of slab thickness. The conduit shall be installed in the middle 1/3 of the slab.
- Where installed in pads or concrete islands the conduit shall be placed in the locations shown on the Plans.

- Joints for conduit installed in pads, concrete slabs and islands shall be made watertight. Tape is not acceptable.
- Conduit openings shall be temporarily plugged with metal caps to exclude water, concrete, plaster, and other foreign material.
- Conduits embedded in concrete shall be blocked and braced in place by use of adequate conduit separators to prevent displacement during the placing of concrete. The Contractor shall be held responsible for proper position of conduits and shall rearrange any conduit that may be displaced while concrete is placed. In addition to the above requirement, all embedded conduits shall be clearly labeled at both ends for clear and proper conduit run identification.
- Conduits run in floor slabs or islands shall be a minimum of one (1) inch in size, and as shown on the Plans.
- The number of 90 degree bends shall be limited to three (3) or a total of 270 degrees including all offsets, sweeps, kicks, etc. This shall be between panelboards, switchboards, pull boxes, outlet boxes, fittings, or between outlet to fitting including bends located immediately adjacent to outlet or fittings. The maximum run without pull boxes shall be 150 feet. The number of 90 degree bends for the Fiber Optic Treadle conduit shall be limited to two (2) or a total of 180 degrees.
- All wiring systems shall be "pullable" and use of "BX" is prohibited.
- Conduits entering free standing panels, and free standing control cubicles shall be fitted with jumper type insulated grounding bushings, bonded together and to the structure of the enclosure by a continuous bonding wire.
- Conduits and concrete type boxes, masonry boxes, and other flush mounted boxes shall be installed concealed in masonry walls, plaster walls, dry wall and concrete walls.
- All concealed conduits shall be placed in walls, floors, or islands at the proper time, in accordance with the progress of the structural work.
- When work is not in progress, open ends of conduit and fittings shall be securely closed so that no water, earth or other substance will enter.
- Pull cords shall be installed in empty conduits. All conduits with cables installed shall have a pull cord installed in the event of the need for future use.
- Conduit shall be terminated at the conduit connection points of electric motors, devices, and equipment. Terminations of conduits at such locations shall permit direct wire connections to the motors, electrical devices, or other equipment.
- Conduit connections shall be made with rigid conduit if the equipment is fixed and not subject to adjustment, mechanical movement, or vibration. Rigid conduit connections shall have union fittings, to permit removal of equipment without cutting or breaking the conduit.
- Conduit connections shall be made with approved flexible metallic conduit if the equipment is subject to adjustment, mechanical movement, or vibration. Flexible conduit connections shall be watertight.
- All conduits run underground and under pavements or in concrete shall be PVC conduit unless noted otherwise on the Plans. Coilable Non-Metallic Conduit (CNC – HDPE SDR 11 – Interior Ribbed Wall) shall be utilized for fiber optic cable and power runs as shown on the Plans.
- All underground raceways shall have a minimum depth of 33 inches below the finished grade unless otherwise indicated on the Plans. Raceways under pavement shall be installed at a minimum depth of 45 inches below the top of pavement to avoid conflicts with the underdrain unless otherwise indicated on the Plans or directed by the Engineer.
- The minimum size conduit shall be 3/4 inch, unless otherwise indicated.
-

Wires and Cables-600 Volts

- All cable and wire shall be installed in conduit or cable tray. Conduits shall be swabbed to remove any debris or accumulated moisture before cables or wires are pulled in. No splices shall be permitted between terminals, except at approved junction or terminal box points, as required by Code for pull lengths. Cable and wire runs shall be looped through pull boxes without cutting and splicing where possible.
- Feeders shall be installed with the sizes as indicated on the Plans and shall be connected as required for the proper operation of the equipment they serve.

Splices and Terminations

- No splicing shall be permitted except in junction boxes. Terminations shall be made with compression type connectors and lugs. The lug manufacturer's recommended tools shall be used. Mechanical type fittings shall not be acceptable. Lugs shall be one (1) or two (2) hole, color keyed. Lug bolting shall include flat washer, beveled washer, and a locknut.
- Each cable splice shall be covered with either a cold shrink connector insulator or heat shrink connector insulator. The insulator material shall be rated for 1000 volts and shall be rated for direct burial installation.
- All splices and pigtail connections for indoor lighting and receptacle wire for cable sizes 10 AWG and smaller may be made up with pre-insulated spring connectors, 3M Company "Scotchlock," Ideal Industries, Inc., wire nuts, or approved equal.
- Splices for cable sizes 8 AWG and larger shall be butt splice type consisting of long barrel copper only type compression connector. Each connector shall have internal cable stops and color-coded for proper die size and number of crimps. Acceptable manufacturers shall be Anderson Model Type VHS, Burndy Model Type YS, Panduit Model Type SCL, or approved equal.

Special Cable and Associated Hardware

- The Contractor shall provide the equipment and personnel, as recommended by the manufacturer, for uncoiling, feeding, gripping, pulling, and terminating of the cable. Cable pull lengths shall not exceed the maximum pull tensions as recommended by the manufacturer or 200 pounds maximum whichever is less. In addition to the requirement for cable length the Contractor shall follow NEC standards on allowable conduit fill ratios.
- Sufficient slack/loops shall be left in pull boxes and hand-holes to allow for thermal expansion and contraction.
- The Contractor shall purchase and use the proper specialized tools for stripping jackets, coring and assembling the cable connectors and splice connectors.
- After all Work has been completed, tested and accepted by the Engineer, one (1) complete set of these tools shall become the property of the Illinois Tollway.
- All coaxial cable shall be installed without splices from the field equipment to the termination cabinet. Three (3) feet of cable shall be left at the equipment housing end. If the cable cannot be coiled in the housing, the end shall be sealed with a shrink wrap end cap and left exposed. The cable from field equipment shall have six (6) feet coiled in the termination cabinet.
- Shielded Cable Grounding. Shielded control and data cables shall have the shields grounded at one end. The shield shall be insulated from the conductors, equal to that of

the original cable insulation, at each splice. Coaxial cable shields shall be insulated from ground throughout the length of the cable run. The shields shall be grounded at, and only at, the coaxial connector terminating in the equipment on each end of the cable run. Shielded power cables shall have shields grounded at the load ends. Shielded data cables shall have shields grounded at the Data Cabinet or source ends. Shields shall be insulated from the conductors.

Toll Equipment Wiring and Requirements

- The Contractor shall furnish and install all single and multi-conductor toll equipment cable as shown on the Plans and as required by this Section. The Contractor shall make all final wiring connections of cable unless specifically identified by this Section or the Plans as being terminated by the Illinois Tollway.
- The Contractor shall comply the following procedures during installation of tolling equipment, conduits and cables, as shown on the Plans and as directed by the Engineer:
    a. Data cables shall be marked at both ends by the Contractor, indicating the lane number to which they have been pulled.
    b. Cable ends shall be sealed to prevent moisture/water entry.
    c. Power and control terminations at the Automatic Toll Collection Equipment installed by the Illinois Tollway will be by the Illinois Tollway.
    d. Terminal strips in the prefabricated building shall be furnished and installed by the Contractor as shown on the Plans.
    e. All wire terminations shall be made with terminals approved by the Engineer.
    f. Crimping of terminations on wire shall be made with the proper crimping tool.
    g. All terminations and final connections of the data cable shall be as shown on termination drawings provided by the Illinois Tollway during Construction.
    h. All wiring shall be dressed in a professional manner with each section of each cable running without crossing other cables and sections.
    i. After all new cable and wire has been installed, each conductor shall be tested for insulation resistance and electrical continuity.
    j. Installation of the connectors on the coaxial cables for the I-Pass antennas shall be performed by the Illinois Tollway's Toll System Integrator. The Contractor shall be responsible for procuring the connectors, as specified herein, and providing them to the Engineer.
- The Contractor shall inform the Engineer in writing when the new conduits have been installed from the control building or cabinets to the lanes. A time of five (5) working days shall be allowed by the Contractor during which time the conduits and stubs for the new lanes will be checked by the Engineer to isolate errors. The conduit layout verification by the Engineer and the Illinois Tollway's Toll Systems Integrator shall occur prior to concrete pouring operations.
- The Contractor shall inform the Engineer in writing when construction of all civil infrastructure, conduits and cables have been completed in the plaza control building, the toll lanes and inside the entrance and exit monotube, as shown on the Plans. Following the notification, a time of five (5) working days shall be allowed by the Contractor during which time the Engineer along with the Contractor and the Illinois

Tollway's Toll Systems Integrator shall complete the Pre-Integrator Site Inspection Checklist, included herein. The checklist shall be signed off by the Contractor, the Engineer and the Illinois Tollway's Toll Systems Integrator.

- Following the acceptance of the Pre-Integrator Site Inspection Checklist by the Engineer, and after the control buildings and toll collection lanes have been cleaned of construction debris, the Illinois Tollway will commence the installation, testing and commissioning of the all electronic toll equipment. A period of ten (10) business days of uninterrupted access per toll zone will be allocated for the installation of toll equipment by the Illinois Tollway Toll Integrator – a toll zone being defined as a set of entrance and exit monotubes.
- Upon completion of the Toll Equipment installation, two (2) working days of testing shall be made available to the Illinois Tollway.
- At any time that tolling equipment testing for the toll zone, defined herein, is being performed by the Illinois Tollway Toll Integrator, the Contractor shall have a licensed electrician in attendance so that any error or wiring problems shall be resolved as they occur.

Pull Boxes and Junction Boxes

- Pull boxes and junction boxes shall be installed as shown on the Plans, and shall be supported independently from the conduit system. The Contractor shall add pull boxes where needed even though not shown on the Plans to ensure that finished cable will not be damaged.

Outlet Boxes

- Outlet boxes shall generally be four (4) inches square or octagonal as indicated on the Plans.
- In masonry walls, where conduit is installed concealed, each outlet box shall be square cut masonry boxes.
- In concrete walls and floor slabs, where conduit is installed concealed, boxes shall be suitable and constructed for installation in concrete.
- In exposed work, surface outlet boxes shall be used for switches and receptacles. The NEMA Type shall be as described in this Section.
- Outlet boxes for use with rigid conduit shall be of the threaded hub, malleable iron cast metal type, with malleable iron cast covers and gaskets.
- In finished plaster walls, drywall, etc., raised device covers on outlet boxes shall be provided.
- Where 1-1/4 inch conduit is required, the box size shall be a minimum of 4-11/16 inches square.
- Proper covers on boxes mounted flush shall be provided.
- All ceiling outlets shall have adequate supports and shall be equipped with adequate devices to carry and mount the light fixtures provided fixtures do not weigh more than five (5) pounds.
- Orientation of outlet boxes for single and multiple gang light switches and convenience receptacles shall be such that the devices shall be installed in accordance with the wiring device installation.
- An outlet box shall be provided at each location requiring one (1).
  1. Outlet box locations as shown on the Plans shall be considered as approximate only.
  2. Exact locations shall be determined from the Plans or from field instructions. The

Contractor shall coordinate box locations with the work of other trades.

3. Each outlet box shall be installed true and plumb, so that the covers or plates shall be level, and at uniform elevations for the type of outlets contained.
4. A plaster ring shall be installed for each outlet to provide horizontal mounting.
5. Each outlet box shall be supported independently from the conduit system.
6. Boxes for toggle switches and pilot lights at doorways shall be located at the strike side of the **door.**

- There shall be no more openings made in any box than are required for the conduits entering same. Depths of boxes shall be such as to allow for easy wire pulling and proper installation of wiring devices. Where extra openings occur, proper closures shall be installed.
- Switches and receptacles shall be ganged in a common box only as indicated on the Plans.

Device Boxes

- Fixtures that weigh more than five (5) pounds shall be supported independently of the outlet box. Surface mounted wall bracket fixtures (concealed conduit) shall have four (4) inch square sheet steel box with plaster ring as required for the fixture.
- Ceiling outlets and wall bracket outlets (exposed conduit) in dry locations shall have four (4) inch sheet steel octagon box with 3/8 inch fixture stud.
- Outlet boxes on exposed conduit run in wet or damp locations shall have four (4) inch cast box with threaded hubs and gasketed covers.

Wiring Devices

- All wiring devices shall be installed in cast FS boxes with FS covers. The Contractor shall install equipment in strict accordance with approved shop drawings and equipment manufacturer's recommendations.
- The Contractor shall adjust the location of equipment to accommodate Work in accordance with field conditions encountered.
- The Contractor shall install each convenience receptacle with grounding pole on bottom when mounted vertically or on right when mounted horizontally.
- The Contractor shall install plates on all switch and receptacle outlets and shall install blank plates on all boxes without wiring devices.
- The Contractor shall install devices and plates level.
- Each switch shall be mounted four (4) feet above finished floor and each receptacle shall be installed 1 foot six (6) inches above finished floor, unless otherwise shown on the Plans.
- The Contractor shall test complete wiring device installations to assure proper operation.

Cable Trays – Fiberglass

- Cable trays shall be supported from the main structure of the buildings and shall be installed in strict accordance with the approved shop drawings, manufacturer's instructions, and NEMA VE-1.
- The Contractor shall install fiberglass channels with fiberglass rods, nuts, channel nuts with springs, flat washers, and other miscellaneous hardware to support the cable tray from the ceiling.
- The Contractor shall provide cable tray cover openings for cables entering and leaving

through the top. Each opening shall have a non-metallic grommet for each cable. Each cable tray cover shall be a maximum of 18 inches in length where that cover section has a cable opening.

- Any fiberglass material ends which have been cut or modified in the field shall be resealed. The resin seal kit shall be as recommended by the cable tray manufacturer.

Panelboards

- Surface mounted panelboards shall be supported and mounted away from walls with "C" shaped galvanized steel channel.
- Minimum separation between equipment and wall shall be one (1) inch. Panelboards shall be installed clear of all openings with swinging or moving doors, partitions or access panels. Each panelboard and control equipment enclosure shall be mounted with top a maximum of 6 feet - 6 inches above finished floor unless shown otherwise on the Plans.
- Each cabinet shall be thoroughly cleaned and bonderized before painting. Painting shall consist of enamel or lacquer over a rust inhibitor, ANSI 61 light gray color.

Local Control

- Local control equipment shall be installed clear of all openings with swinging or moving doors, partitions or access panels.
- Disconnect switches and circuit breakers shall be installed five (5) feet above finished floor unless shown otherwise on the Plans.
- The Contractor shall test complete local control installations to assure proper operation and correct sizing of all motor overload units and/or fuses.

Building Lighting Fixtures

- The Contractor shall furnish and install lamps in lighting fixtures. Lamps shall be installed as the work progresses. At the time of acceptance of the work, any burned out, broken, or inoperative lamps shall be replaced by the Contractor at no additional cost to the Illinois Tollway.
- Each light fixture shall be complete with necessary fittings, starters, sockets, etc. Fixtures shall be wired with colored wires to indicate the polarity.
- Each lighting fixture shall be rigidly supported from the building construction and shall include, but not be limited to, suspension hangers devices and miscellaneous steel, brackets, as required for fixture support.
- Suspended fixtures shall be hung on ball and cushion swivel flexible fixture hangers, as manufactured by Appleton Electric Co., or approved equal which shall be furnished by the Contractor and shall be adjusted as necessary during installation to ensure that fixtures in the same room or area are a uniform height from the floor. Mounting height shall be as specified, detailed, or noted on the drawings.

Card Access System

- The Contractor shall provide required coordination between the Card Access System and the prefabricated building to ensure any newly furnished prefabricated building structures shall readily accept the installation of the Card Access System.
- All sequence of operations and programming information shall be approved by the

Engineer prior to installation.

- The Contractor shall install cables, raceways and outlet boxes required for a complete card access system. All readers shall be flush or semi-flush mounted as indicated on the Plans.

Fire Alarm System

- The Contractor shall furnish and install a fire alarm and detection system, analog, and electrically supervised. The system shall be fully tested and placed into operation. The system shall be in accordance with applicable codes and standards specified herein.
- This work shall include, but not be limited to, providing the following:
  1. Alarm initiating devices
  2. Alarm indicating devices
  3. Manual stations
  4. Connections to the Hirsch Access Control System
- Power service to the panel and equipment shall be served from the facility's 120 volt AC, single phase power system. The Contractor shall provide a circuit breaker in the emergency power panel and provide conduit and wire to the panel and equipment as required.
- The following items shall be zoned individually and shall be monitored and annunciated individually:
  1. Each detector
  2. Each Pull Station
- Wiring between fire alarm system and component shall be in accordance with the manufacturer's wiring requirements and codes as stated herein. Code requirements shall take precedence in case of conflicts.
  1. Wiring shall be in metallic raceways.
  2. Wires shall have permanent wire marker at each termination to identify the wire.
- Final connections between system wiring shall be made under the supervision of the manufacturer's service technician as herein specified.
- Wiring splices shall not be permitted.
- Terminal strips shall have labeled wire numbers.

Uninterruptible Power Supply (UPS) System – 3kVA

The UPS equipment shall be installed in each building (main toll plaza and remote toll plaza) as shown on the Plans and recommended by the manufacturer.

Equipment Racks

- Prior to the installation of the equipment racks the Contractor shall verify the location and arrangement of equipment with the Engineer.
- Equipment racks shall be installed by the Contractor as shown on the plans. The racks shall be installed so that components and equipment can be replaced without any physical conflicts with other equipment inside the control building.
- The Contractor shall install equipment racks, in accordance with the equipment manufacturer's written instructions, and in compliance with applicable requirements of NEC and UL standards. It shall be the Contractor's responsibility to note the wiring of the equipment and to connect for proper operation.

Data Logger Camera Video Power Junction Box

- The data logger video junction box shall be supported and mounted away from the wall inside the toll plaza building with galvanized steel strut support system.
- The minimum separation between the equipment and the wall shall be one (1) inch.
- The junction box shall be mounted with the top a maximum of 6 feet 6 inches above the finished floor.

Data Logger Camera, Video System, Fiber Optic Equipment

- The Plans only depict general location(s) of the cameras. Final camera locations are to be approved by the Engineer prior to installation.
- The Contractor shall aim the camera such that it will provide complete view of the toll zone to be monitored – toll zone being defined as the area of the pavement between the entrance and exit monotubes.
- The video system shall be installed as indicated on the Plans, in accordance with equipment manufacturer's written instructions, within recognized industry practices, and in compliance with applicable requirements of NEC and UL standards.
- Cables shall be installed as indicated on the Plans. Cables shall be labeled at both ends as to which camera they serve, per TIA-606 Standard for labeling telecommunication equipment. All cables, as they enter the toll plaza building, shall be surge protected before they are terminated on the end devices.
- The Contractor shall install furnish and install all material, equipment and accessories, as shown on the Plans, in accordance with the manufacturer's recommendation.
- All components shall be installed in the appropriate rack(s) as listed above, or as directed by the Engineer. All interconnecting cables shall be installed in a neat and workmanlike manner. Cables shall be supported between devices.
- All cables shall be identified at both ends per EIA/TIA Standard TIA-606 for labeling telecommunication components and per Illinois Tollway labeling standards.

Front and Rear Violation Enforcement System (VES) Camera Video Power Junction Box

- The VES camera video junction box shall be supported and mounted away from the wall inside the toll plaza building with galvanized steel strut support system.
- The minimum separation between the equipment and the wall shall be one (1) inch.
- The junction box shall be mounted with the top a maximum of 6 feet 6 inches above the finished floor.

Security Video Camera System

- The Security Camera shall be installed in the control building in general location shown on the Plans and as directed by the Engineer. Installation shall be performed in accordance with equipment manufacturer's recommended methods.

- The security camera shall be installed such that it provides unobstructed viewing of the entrance door to the equipment and generator rooms. Camera setting adjustments shall be performed by the Contractor to provide a clear image of the camera field of view. The image quality shall be reviewed and approved by the Engineer.

- Cable shall be installed as indicated on the Contract Plans. Cables shall be labeled at

both ends as to which camera they serve, per TIA-606 Standard for labeling telecommunication equipment.

Electrical Identification

- The Contractor shall provide identification markings on each circuit breaker, disconnect switch, contactor, and motor starters.
- The identification markings shall include feeder name, number, voltage, phase, and item identification of equipment controlled.
- The Contractor shall provide white with black core laminated phenolic nameplates with 3/8 inch lettering etched through outer covering. Each nameplate shall be fastened with stainless steel screws to each piece of equipment.
- All major electrical equipment shall be identified, which shall include disconnect switches, panels, switches, etc. Disconnect switches serving feeders and over-current protective devices mounted in a switchboard shall be so identified. Embossed self-adhering plastic tape labels shall not be accepted.
- The Contractor shall provide a typewritten directory with frame and plastic face of circuits in lighting and power panels, and shall provide panel identification in black alkyd paint stenciled inscriptions on inside of door, directly above centerline of directory frame, or on vertical and horizontal centerline of doors without directory frames.
- The Contractor shall provide on-device nameplates for local toggle switches, toggle switch type manual starters, pilot lights, and other electrical items whose function is not readily apparent, engraved suitable inscriptions on laminate phenolic nameplates describing equipment controlled or indicated. Each nameplate shall be fastened with a minimum of two (2) self-tapping stainless steel screws. This shall not change NEMA rating of enclosure.
- For wire, cable and bus identification, each wire and each cable shall be labeled at terminals and at all accessible points in equipment, panel-boards, manholes, hand-holes, and pull boxes. Cable/wire markers of wrap-around self-adhesive type, with factory or mechanically printed numbers, letters, and symbols shall be used.
- All conductors shall be tagged in cabinets at time wires are pulled in and tested and markers shall not be removed for any reason. Cable/wire markers shall be installed on both ends of all conductors.
- Cable and wire markers must be per TIA-606 Standard for labeling telecommunication equipment and be approved by the Illinois Tollway. The markers shall be attached to all cables where entering or leaving a conduit run. Cable designation and circuit use shall appear on the tag.

Grounding System Requirement

- The entire power and lighting systems shall be permanently and effectively grounded in accordance with the latest issue of the National Electrical Code and Motorola R56. The items covered shall include but not be limited to panels, motor frames, lighting fixtures and associated switches and other exposed, non-current carrying parts of the electrical equipment and as shown on the Plans.
- Continuity of ground shall be maintained throughout the conduit systems. Where continuity is not maintained, the Contractor shall furnish and install a ground wire into the conduit system to maintain ground continuity as required by the National Electrical Code.

- Ground bushings and jumpers shall be used wherever normal conduit termination does not ensure continuity of ground. Concealed or inaccessible grounding connections shall be made with exothermic process. Unless otherwise shown on the Plans, accessible grounding connections shall be bolted or clamp type. Soldered connections shall NOT be permitted in the grounding system. Grounding connections made below grade shall include the installation of waterproof tape.
- Grounding conductors shall be protected from mechanical damage, and shall be supported in an approved manner. Where ground conductors are run in conduit or other raceway, the ground conductor shall be bonded to the conduit or raceway at each end.
- The equipment ground conductor shall be distinct and separate from the system neutral ground conductor and shall not be used as a load current-carrying conductor. The conductor shall be electrically and mechanically continuous from the distribution equipment ground bus to the equipment to be grounded. The conductor shall provide a low impedance path for line-to-ground fault currents and bond all non-current carrying enclosures together including raceways, fixtures, receptacles, panels, controls, motors, disconnect switches, and exterior lighting standards.
- Where building type conductors are installed in a raceway, the equipment ground conductor shall have a minimum size conductor of 12 AWG copper. Where green insulation is not available, on large size cable, black insulation shall be used and shall be identified with green colored tape at each junction box or device enclosure.
- All metallic conduits, including rigid electrical metallic tubing and flexible conduits shall be connected at each end to the equipment ground conductor utilizing a conduit grounding bushing, O-Z type BL, or approved equal.
- Switchboards, panelboards and panels shall be provided with an equipment ground bus (including lug or screw terminals) and shall be securely bonded to the enclosure. Junction boxes and other enclosures (sizes above five (5) inches by five (5) inches) shall utilize an equipment ground bus or lug as required to securely bond the equipment ground conductor to the enclosure.
- Light fixtures, receptacles and motors shall be securely connected to the equipment ground conductor.
- Bolts, nuts, and washers utilized to connect the ground conductor to motors, equipment or enclosures shall be bronze, cadmium plated steel, or other non-corrosive material.
- The system neutrals, for grounded transformers, shall be a white insulated current-carrying conductor over which unbalanced neutral load currents may flow. The neutral conductor shall originate at the grounded secondary of each transformer. The secondary ground of each transformer shall be bonded to the enclosure and then be connected to the electrical power system ground via a ground conductor run with the power conductors.
- Single Point Ground System shall be installed by the Contractor as shown on the Plans.
- The single point ground system shall consist of ground wire and single point ground bus.
- The single point ground bus shall consist of a 1/4 inch thick by two (2) inches wide by six (6) feet long (minimum) copper bar installed near the Automatic Transfer Switch (ATS).
- Panelboard grounds, UPS system grounds, terminal strip interconnect center ground bars, and other equipment grounds shall be connected to this single point ground bus as shown on the Plans. The single point ground bus shall be connected to the building ground loop with a size 4/0 AWG green insulated ground cable. Each connection shall be made using an exothermic process. This service entrance ground shall comply with the NEC and the local utility requirements.
- If applicable, install ground rod at the Data/Power cabinets. Connect a size 6 AWG from rod to each ground bus in each cabinet. Cabinets are to be grounded to the bus.

- Ground each end of the Pest Duct shield where it originates and terminates. Continuity to be maintained by installing ground clips and wires at each LDJB.
- Grounding conductors, other than bus bars, shall be stranded copper wire with type XHHW green, 600 volt rated insulation, sized and installed in accordance with Code requirements, and as noted on the Plans.
- Ground rods shall be 3/4 inch diameter solid stainless steel, ten (10) feet long, unless noted otherwise. The maximum resistance of a driven ground rod shall not exceed five (5) ohms. If this resistance rating cannot be obtained with a single ground rod, a sufficient number of additional rods shall be installed, not closer than six (6) feet on centers. All connections to the ground rod shall be made inside a ground well. The ground well shall not be placed in pavement. Exothermic weld connections shall be made to the ground rod. Ground rods shall be located in the ground loop outside the building perimeter. Stainless steel ground rods shall be formed of an austenitic stainless steel of the 18 percent chromium, 8 percent nickel type (UL 467-2004, section 9.2.6).
- The Contractor shall furnish and install a ground loop of insulated green colored cable outside the perimeter of each signing frame foundation and control building. The ground loop cable size shall be as shown on the Plans. The ground loop shall be connected at suitable locations to all major electrical equipment and steel columns.
- Buried ground cable shall be solid bare tinned copper.

TESTING

The Contractor shall be required to perform the following tests after the installation of the toll plaza electrical equipment. The Contractor shall use the test plans within this special provision to conduct the following tests in the presence of the Engineer.

- Product Validation Certification
- Site Test
- Electrical and Communication Tests
  1. General
  2. Card Access System
  3. Data Logger Camera System
  4. Security Camera System
  5. Fiber Optic Equipment
  6. Local Control
  7. UPS
  8. Wire and Cable – 600 Volts
  9. Wiring Devices
  10. Fire Alarm System
  11. Grounding Electrode System
- Pre-Integrator Site Inspection
- ETCC Equipment Test Support
- System Test
- 30-Day Burn-in Period
- Final System Acceptance and Training

Product Validation Certification

- For each of the toll plaza electrical equipment items listed below, the Contractor must obtain from the manufacturer a product validation certification illustrating that the manufacturer has followed their quality processes and verifies that the product meets the requirements of this special provision.
- This certificate must be submitted to the Engineer for review and approval for the Product Validation Certification:
  1. Panelboards
  2. Local controls
  3. Building Lighting Fixtures
  4. Card Access System
  5. Fire Alarm System
  6. Uninterruptible Power Supply (UPS) System-3000VA
  7. All Video Systems and Fiber Optic Equipment

Site Test

- The purpose of the Site Test is to have the Contractor demonstrate to the Engineer that all toll plaza electrical and communication equipment has been installed, connected, labeled, and configured correctly as per Plans, the manufacturers' requirements and the contract requirements.
- For the Site Test to be accepted, the Contractor must demonstrate:
  1. The installation has been performed as per Plans, as per the manufacturer's recommendations and in accordance with the contract requirements.
  2. All connections were made tight and cannot be dislodged by incidental contact from the Engineer.
  3. All equipment inside the toll plaza has been properly labeled as per the Illinois Tollway's Intelligent Transportation Systems (ITS) Labeling Guide (located on the Illinois Tollway website).
  4. All CCTV security cameras have been tested in the presence of the Engineer to verify that a clear (no visible distortion) camera video stream can be viewed and that the camera can be panned, tilted, and zoomed. The Contractor records the camera's performance on the CCTV Camera Site Test form provided within this Special Provision.
  5. The Grounding Electrode System Test has been fully completed and demonstrates that the resistance to ground is 5 ohms or less, was witnessed and signed by the Engineer and provided to the Illinois Tollway ITS GEC via the WBPM system.
  6. The Site Acceptance Test plan, provided by the Illinois Tollway, has been fully completed successfully, witnessed and signed by the Engineer and provided to the Illinois Tollway via the WBPM system.

Electrical and Communication Test

- General:
  1. The Contractor shall furnish all meters, instruments, cable connections, equipment or apparatus necessary for performing all tests.
  2. Electrical Test shall cover the tests and checks that shall be made on all electrical equipment and wiring to ensure compliance with the applicable codes and standards and with the Plans, Special Provisions and Contract requirements. Whenever possible, all checks and tests shall be made just prior to energizing the equipment or circuits and shall be coordinated with the field schedule and field conditions.

3. Before testing and energizing a system, all necessary precautions shall be taken to ensure the safety of personnel and equipment. All conductors and all electrical equipment shall be properly insulated and enclosed. All enclosures for conductors and equipment shall be properly grounded. Insulation resistance measurements must have been made and approved on all conductors and energized parts of electrical equipment.
4. The following tests are required but shall not be limited to this list. Tests will be supervised and witnessed by the Engineer:
   a. Proper phase rotation
   b. Short circuits
   c. Improper grounds
   d. Power and control electrical circuits for circuit continuity and function test
5. The Contractor shall check and test all transformers, power panels, feeders, power and control cables, connections, and motors to assure correct phase sequence and rotation. Phase sequence shall be A-B-C as follows:
   a. Top to bottom, left to right and front to rear when facing protective or disconnecting mechanism.
   b. Phasing shall be accomplished by using distinctive colors for various phases, as indicated in this Special Provision.
6. After wires and cables are in place and connected to devices and equipment, the system shall be tested for short circuits, improper grounds, and other faults. If fault condition is present, the trouble shall be rectified and the wiring system shall be re-tested.
7. Phase conductors, if shorted, grounded or at fault shall be removed, shall be replaced and the wiring system shall be re-tested.
8. A voltage test shall be made at each lighting panel, distribution panel and at the last device on each circuit at full load. If drop in potential exceeds three (3) percent, the Contractor shall correct the condition by locating the ground or high resistance splice or connection and retest.
9. Any wiring device, electrical apparatus, or lighting fixture grounded or shorted on any integral "live" part, shall be removed and the trouble rectified by replacing the defective parts or materials.
10. Upon completion of the toll plaza electrical work, the Contractor shall place the entire installation in operation, test for proper function, and show systems and equipment to be free of defects. Motors and driven equipment shall not be run until properly lubricated. The Contractor shall test and record motor maximum load amperage and terminal voltage when uncoupled and coupled for each motor.
11. The Engineer will conduct from time to time such tests as may be required to any part of the equipment to determine if it is installed in accordance with these Special Provisions. The Contractor shall extend to the Engineer all facilities to this end and shall furnish skilled or unskilled help required. All tests shall be witnessed by the Engineer and three (3) copies of the verified test results shall be given to the Engineer promptly upon completion of a test.
12. The Contractor shall provide assistance to the various equipment manufacturers' field engineers as required in the testing and adjusting of the electrical power and control equipment. Cooperation of the Contractor shall be such that a minimum of time is required for equipment testing.
13. A log shall be maintained for all tests. This log shall be certified before completion of the job, both as to test value and date of test.
14. Any faults in the work performed by the Contractor or in materials or equipment furnished by the Contractor shall be corrected or replaced promptly by the Contractor

at no additional cost to the Illinois Tollway.

15. Any faults in materials or equipment furnished by the Contractor which are the result of careless, incompetent or improper handling or installation by the Contractor shall be corrected or replaced promptly by the Contractor at no additional cost to the Illinois Tollway.
16. All tests shall be made and certification of the tests shall be submitted to the Engineer. If any failures occur during the tests, the Contractor shall replace the faulty item and retest.
17. All electrical tests shall be recorded on the following forms:

Form Number	Description
FORM 1306-ET – 1	MULTIPLE CONDUCTOR CABLE MEGGER TEST, 300 VOLTS OR LESS
FORM 1306-ET – 2	SINGLE and MULTIPLE CONDUCTOR POWER CABLE MEGGER TEST, 600V or LESS

FORM 1306-ET – 1

MULTIPLE CONDUCTOR CABLE MEGGER TEST, 300 VOLTS AND LESS

WIRING - SIGNAL AND COMMUNICATION CABLE:

Testing shall be performed before connecting the cables to the terminals at either end. Continuity of each conductor shall be checked at this time.

Each conductor shall be checked with a 500 volt megger to ground, with all other conductors in the cable and shield, grounded. The minimum acceptable megger resistance shall be 50 Megohms for each conductor to ground.

DATE_____
PROJECT NAME_____
FEEDER NUMBER_____ LOCATION_____
FROM MANHOLE_____ TO MANHOLE_____
CABLE SIZE_____ CABLE LENGTH_____
NUMBER OF CONDUCTORS_____ INSULATION TYPE_____
MANUFACTURER_____ LINE VOLTAGE_____
TEMPERATURE_____ HUMIDITY_____
MEGGER TYPE_____ SERIAL NUMBER_____
TEST VOLTAGE_____ MULTIPLIER_____
REMARKS_____

CONDUCTOR NO.	MEGOHMS		CONTINUITY		CONDUCTOR NO.	MEGOHMS		CONTINUITY	
	C/C	C/S	PASS	FAIL		C/C	C/S	PASS	FAIL

TEST PERFORMED BY: _____ _____
Signature Date

TEST WITNESSED BY: _____ _____
Signature Date

FORM 1306-ET – 2

SINGLE AND MULTIPLE CONDUCTOR POWER CABLE MEGGER TEST, 600 VOLTS AND LESS

WIRING - FEEDER CIRCUITS

Testing shall be performed before connecting the cable to the terminals at either end. Continuity of each conductor shall be checked at this time.

Each conductor shall be checked with a 1000 volt megger to ground, with all other conductors in the cable and shield, grounded. The minimum acceptable megger resistance shall be 250 Megohms for each conductor to ground.

DATE_____
PROJECT NAME_____
FEEDER NUMBER_____ LOCATION_____
FROM_____ TO_____
CABLE SIZE_____ CABLE LENGTH_____
NUMBER OF CONDUCTORS_____ INSULATION TYPE_____
MANUFACTURER_____ LINE VOLTAGE_____
TEMPERATURE_____ HUMIDITY_____
MEGGER TYPE_____ SERIAL NUMBER_____
TEST VOLTAGE_____ MULTIPLIER_____
REMARKS_____

If applicable, all shields must be properly grounded prior to testing.

Cable No.	MEGOHMS Phase A	MEGOHMS Phase B	MEGOHMS Phase C

TEST PERFORMED BY: _____ _____
Signature Date

TEST WITNESSED BY: _____ _____
Signature Date

- Card Access System Test:
  1. The card access system test shall be conducted the Contractor in the presence of the Engineer. The following operational features must be observed during the test:
     a. When a card is read at a reader, the facility code is verified at the reader, and the card number and issue level are sent to the central controller. If the reader is equipped with a keypad, a four (4) or five (5)-digit PIN number may be entered and verified at the reader.
     b. The cardholder may enter a special duress code that will grant access and, at the same time, alert security personnel at the central controller or a remote location.
     c. If access is granted, the central controller shall send a signal to the appropriate reader to activate the door lock and light the green visual indicator.
     d. If access is denied, the central controller shall send a signal to the appropriate reader to light the red visual indicator and not activate the door lock.
     e. In the event of power failure, the door locking device shall fail secure (locked position).
     f. The system shall be capable of accepting a pushbutton contact, located in the secured area to release the door locking mechanism via its local door processing unit.
     g. The readers shall monitor door status via a door or lock contact, and shall report an alarm when the door is not closed and locked, and when the door is forced open.
     h. All readers shall provide a red and green visual indicator for granted and denied access, and tamper detection capability.
     i. Outdoor readers shall be supplied with special weather-resistant housings.
     j. The intelligent terminal controller shall store from 4,000 up to 20,000 random card numbers, programmable individually or in blocks.
     k. In the event the intelligent terminal controller receives card information not stored in its memory, it shall pass the information to the central controller for verification.
     l. The central controller shall download to the intelligent terminal controller all access parameters necessary for it to control access at its readers and full reporting of alarms.

- Data Logger Camera and Fiber Optic Equipment Test:
  1. The complete system shall be installed and tested as an assembly after individually testing and determining the operation of the components. Test results shall be submitted to the Engineer for approval.
  2. The Contractor shall demonstrate that the Data Logger camera units will pan, tilt, and zoom on command, will produce a clear and defined image without any distortion and interference/noise at the monitors, will select and record specific images on command, and that the heater/blower assembly in the outdoor housing functions as required to ensure reliable cold and/or inclement weather operation.

- Video System Test:
  1. Upon completion of installation of the video system, and after circuitry has been energized, the Contractor shall test the system to demonstrate capability and compliance with requirements.
  2. Subsequent to connecting wires and cables, the Contractor shall energize the system circuitry and demonstrate functioning of equipment in accordance with requirements.

3. Upon completion of the installation the Contractor shall arrange with the Engineer a demonstration of the system's operation and maintenance.

- Security Video Camera

1. Upon completion of installation of the Security Camera, and after circuitry has been energized; the camera shall be calibrated to ensure clear distortion free image of the camera field of view is received from the camera unit.

2. The Contractor shall then test the security system as an assembly, to demonstrate capability and compliance with requirements. The Contractor shall demonstrate that the units will zoom on command, will produce a clear and defined image without any distortion and interference/noise at the monitors, and will select and record specific images on command. The Contractor shall replace any malfunctioning equipment or system component with new units and proceed to retest, if required. The test results shall be provided to the Engineer for approval.

3. Upon completion of the installation arrange with the Tollway a demonstration of the system operation and maintenance.

- Local Control Test:
  1. The Contractor shall test complete local control installations to assure proper operation and correct sizing of all motor overload units and/or fuses.

- Wire and Cable-600 Volts Test:
  1. 600 volt insulated wires and cables shall be factory tested prior to shipment in accordance with ICEA Standards for the insulation specified.
  2. The following 600 volt wires and cables, size 6 AWG and larger, shall be tested after installation but before final connections are made.
     a. Incoming power feeder from the utility transformer to the Main Distribution Panelboard.
     b. Feeders to and from the Automatic Transfer Switch.
     c. All feeders to 208/120 volt panelboards.
  3. For the above listed wires and cables, a DC high potential test voltage, as specified in ICEA, shall be applied for a period, as specified in the Standard, between all conductors specified in the Standard, between all conductors in the same conduit and between each conductor to ground.

- Wiring Devices Test:
  1. The Contractor shall test complete wiring device installations to assure proper operation.

- Fire Alarm System Test:
  1. Fire alarm wiring shall be checked for grounds, opens, and shorts prior to termination at panels.
  2. The minimum resistance to ground or between any two (2) conductors shall be ten (10) Megohms:
     a. Test equipment in accordance with the requirements of NFPA 72H and in the presence of the Engineer.

b. Conduct any other tests as recommended by the equipment manufacturer.

- Grounding Electrode System Test:
  1. Grounding electrode system tests shall employ the services of an independent and qualified testing service company, hired and paid for by the Contractor, specializing in electrical and ground system testing.
  2. The Contractor shall submit the independent testing service company's qualifications to the Engineer for approval. Acceptable independent testing company shall be, Fortier Testing and Sales Company, or approved equal.
  3. The testing of the grounding systems shall be conducted by employing the 3-point Fall-of-Potential method with a null balance instrument.
  4. The test meter shall be Associated Research Vibroground test set with null balance, James A. Biddle Megger Earth-Tester-Null Balance, or approved equal.
  5. The two (2)-point method of ground system testing shall only be used where there is no or insufficient "open earth" area to use the 3-point Fall-of-Potential method. All ground system tests shall be performed in accordance with the procedures outlined in the Instruction Manuals of the ground system test equipment.
  6. Individual ground rods when tested separately shall be isolated from all metallic connections, such as from the ground rod to other grounded structures and electrical system neutrals.
  7. Multiple ground rod grids shall be isolated from all metallic connections, such as from grid under test to other grounded structures and electrical system neutrals.
  8. The grounding electrode system test shall be conducted in the presence of the Engineer. The test results shall be recorded on FORM 1306-A and submitted to the Engineer via the WBPM system.

FORM 1306-A

GROUND ROD RESISTANCE TO EARTH TEST RECORD

1. DATE _____
2. PROJECT NAME _____
3. LOCATION OF TEST _____
4. DRAWING NO. _____
5. GROUND ROD TYPE _____

   DIAMETER _____

   LENGTH _____
6. TEST METHOD _____

   INSTRUMENT TYPE _____

   SERIAL NO. _____
7. REQUIRED MAXIMUM RESISTANCE TO EARTH _____
8. MEASURED RESISTANCE TO EARTH ROD 1 _____

   ROD 2 _____

   ROD 3 _____

TEST PERFORMED BY: _____
Signature

TEST WITNESSED BY: _____
Signature

Pre-Integrator Site Inspection and ETCC Equipment Tests

The following checklists outline all site test requirements that shall be completed in an All Electronic Tolling (AET) zone before the zone can be populated with electronic tolling equipment by the Illinois Tollway's Integrator. This checklist is acceptable for use with Mainline AET zones and Ramp AET zones utilizing an enclosure or building.

Specifics regarding quantity, size, and locations for conduits and cabling are detailed in Plans and this special provision document for the contract. This checklist must be completed, dated, and signed prior to scheduling equipment for integration.

PRE-INTEGRATOR SITE INSPECTION CHECKLIST

ORT / AET Pre-Integrator Checklist		
Roadway:_____	Plaza: _____	Date: ___/___/___
Illinois Tollway Representative: _____		
Contractor Representative: _____		
Plaza Building Requirements		

	Task / Item	Date Verified	Verification by
☐	Building erected meeting the following requirements: weather tight and dust free.		
☐	Heat exchanger and/or thermostat installed and in proper working order.		
☐	Computer racks to be installed, powered, and properly tied into the grounding system.		
☐	Power and lighting is present and on.		
☐	Fiber optic cable present and terminated at both ends and fully tested and accepted.		
☐	Normal power panels and receptacles installed with the appropriate terminations, in accordance with Plans.		
☐	UPS power panel, receptacles, and unit installed with the appropriate terminations, in accordance with Plans.		

☐	Power and data cables for security cameras are present. (See special provisions and Plans for additional detail.)		
☐	Conduits for power are present allowing interconnect to monotube.		
☐	Conduits for data are present allowing interconnect to monotube.		
☐	VES camera cabling from ORT zone is present with appropriate labeling.		
☐	Antenna coax cables from entry monotube are properly feed to reader with appropriate labeling.		
ORT / AET Zone Requirements			
	Task / Item	**Date Verified**	**Verification by**
Grounding Requirements			
☐	Ground Rods with connections to toll plaza ground system present		
☐	Ground testing documentation completed showing a resistance to ground of 5 Ohms or less.		
☐	Ground present on monotube(s), properly connected to the toll plaza grounding system.		
	Task / Item	**Date Verified**	**Verification by**
Monotubes			
☐	Foundations present for entry and exit monotubes containing the correct number of conduits (See Plans for additional detail).		
☐	Monotubes properly erected with hand holes on the downstream portion of the monotube.		
☐	Equipment support structure present, level, and correctly located. This is inclusive of mounting pipes for VES cameras and AVI antennas. (See Plans for additional detail.)		
☐	Power cables pulled through monotube. (See Plans and special provisions for additional detail.)		

☐	Video data cables pulled through monotube. (See guide drawing and special provisions for additional detail.)		
☐	Antenna coaxial cables pulled through monotube. (See guide drawing and special provisions for additional detail.)		
	Task / Item	**Date Verified**	**Verification by**
Pavements, Pads, and Barriers			
☐	After Contractor has placed loop conduit in all lanes, he/she shall get final approval of Illinois Tollway prior to concrete pour. Contractor shall give Illinois Tollway five (5) business days to complete inspection. Contractor shall fix any items noted by Illinois Tollway during their inspection.		
☐	ORT Tolling section (inclusive of shoulders and travel lanes) is present with CRC pavement utilizing reinforcement lowered at least 6" from the surface of the pavement. (Refer to special provisions and Plans for additional detail.)		
☐	Loop conduits are present in the correct locations, cut flush to pavement and capped with duct seal.		
☐	After CRC pavement has been poured, there shall be a minimum of 7 days of cure time.		
☐	Barrier wall is present between monotubes containing appropriate conduits, connections, and junction boxes.		
☐	In-barrier junction boxes are present with a minimum of 18" of separation between boxes.		
☐	VES Wash enclosure pad is present having been poured and cured in compliance with guide drawings and special provisions. (Not applicable to locations containing an electronics hut)		

ETCC EQUIPMENT CHECKLIST

The following checklist outlines all ETCC Equipment for various lane types. This checklist is acceptable for use with ramp new build and upgrade contracts. Specifics regarding quantity, size, and locations are detailed in guide drawings and these special provisions document for each project.

ETCC Equipment Checklist

Roadway:_____	Plaza-Lane(s): _____	Date: ___/___/___
Illinois Tollway Representative: _____		
ETCC Representative: _____		

ORT

	Task / Item	Date Verified	Verification by
ORT Zone			
☐	Loops cut and installed properly with L, Q, and R readings within the appropriate ranges.		
☐	In Barrier Junction Box connections properly spliced and sealed		
☐	Loop IDRIS system properly installed and tuned to appropriate levels		
☐	Antenna properly installed in center of lane with correct pitch, connections, and optimally tuned.		
☐	Rear cameras correctly mounted, aligned, and focused with power and data connections present and working.		
☐	Front cameras correctly mounted, aligned, and focused with power and data connections present and working		
☐	AVI reader and modules correctly installed and configured		
☐	Data Logger camera and unit correctly installed, aligned, and configured.		

Computer Room / ORT cabinets			
☐	Lane Controller A and B properly installed, configured, and powered		
☐	Failover module installed and configured with the correct connections		
☐	Lane interface module installed with appropriate connections.		
☐	Loop rack and loop cards properly installed, configured, and powered.		
☐	DPU installed and correctly configured.		
☐	ELPAC/ELPIC installed and correctly configured.		
☐	IFS Rack and appropriate cards present, powered, and configured.		
☐	Communication switch present, configured, and operating.		
☐	Plaza Host Server present configured properly for the particular toll plaza.		
IPO			
	Task / Item	**Date Verified**	**Verification by**
Lane			
☐	Lane Controller properly installed, configured, and powered		
☐	IFS Rack and appropriate cards present, powered, and configured.		
☐	Loops cut and installed properly with L, Q, and R readings within the appropriate ranges.		
☐	Antenna properly installed in center of lane with correct pitch, connections, and optimally tuned.		
☐	Blue and Yellow I-Pass indicator lights installed, powered, and correctly operating.		
☐	Front and Rear cameras installed, configured, aligned, and communicating with ELPAC/DPU.		

ACM			
	Task / Item	**Date Verified**	**Verification by**
Lane			
☐	Lane Controller properly installed, configured, and powered		
☐	ACM installed, tuned, and operating.		
☐	IFS Rack and appropriate cards present, powered, and configured.		
☐	Loops cut and installed properly with L, Q, and R readings within the appropriate ranges.		
☐	Fiber treadle correctly installed and communicating with treadle board accurately.		
☐	Antenna properly installed in center of lane with correct pitch, connections, and optimally tuned.		
☐	Front and Rear cameras installed, configured, aligned, and communicating with ELPAC/DPU.		
☐	Blue and Yellow I-Pass indicator lights installed, powered, and correctly operating.		
☐	Red and Green stanchion lights present and operating (or with LED patron display)		
Manual lane			
	Task / Item	**Date Verified**	**Verification by**
Lane			
☐	Keyboard, display, and receipt printer installed, powered, and operating properly.		
☐	Gate installed and powered with photo cells operating correctly.		
☐	Gate switch installed in booth and operating correctly.		
☐	Properly connected and working overhead indicator light.		
☐	Fiber treadle correctly installed and communicating with treadle board accurately.		
☐	IPass Enunciator installed and working.		

☐	Antenna properly installed in center of lane with correct pitch, connections, and optimally tuned.		
☐	Lane Controller properly installed, configured, and powered		
☐	IFS Rack and appropriate cards present, powered, and configured.		
☐	Blue and Yellow I-Pass indicator lights installed, powered, and correctly operating.		
☐	Loops cut and installed properly with L, Q, and R readings within the appropriate ranges.		

30-Day Burn-in Period

The purpose of the 30-Day Burn-in Period demonstrates that the all toll plaza electrical components specified herein are functioning to meet the operational and functional requirements of the respective system.

For the 30-Day Burn-in Period to be accepted, the Contractor shall:

- Demonstrate that all toll plaza electrical components operated properly during the 30-Day Burn-in Period and without any failure notification(s). For every one (1) day the Contractor is required to mitigate/fix a problem, an additional one (1) day per testing will be added to the 30-Day test.
- Receive written approval from the Engineer verifying the 30-Day Burn-In period has been successfully completed. Where applicable, the TOC Manager will provide the Engineer with a Burn-in Test Log at the end of successful completion.

Final System Acceptance and Training

- Final acceptance of the toll plaza electrical work installation will be made after satisfactory completion of the required "Burn-in" Test periods of all applicable electrical and communication elements. The final inspection of the entire system will be performed by the Engineer in the presence of a representative of the Contractor.
- Final acceptance of all work associated with this pay item will be made after:
  1. Successful completion of the project final walk-through by personnel from the Illinois Tollway's General Engineering Consultant (GEC) team.
  2. Submission (via the WBPM system) and written approval by the Engineer of all Record Drawings and Warranty documents including an electronic computer file (Microstation and PDF) including a sketch of each major electrical and communication element assembly, and user/operator manuals GPS to the Engineer.
- The Contractor shall provide three (3) hard and three (3) electronic (PDF) copies of each of the operation and maintenance manuals of all installed equipment to the Engineer for approval.
- If required by the Illinois Tollway, the Contractor shall conduct two (2) training classes for up to eight (8) Illinois Tollway approved personnel on the toll plaza electrical and communication systems. The training shall cover both classroom and field training and provide a detail review of all major electrical and communication equipment, all enclosure components, connections, wiring, and required maintenance of the system. Training schedule shall be coordinated with the Engineer. Training shall be included as part of the payment of this item.
- Additional training requirements for toll plaza electrical work components are as follows:
  1. Automatic and Non-Automatic Transfer Switches:
     a. The equipment manufacturer shall provide factory-trained technicians at the job site to provide adequate training for the Illinois Tollway's personnel in the proper operation and maintenance of the equipment.
     b. The training classes shall be done at on-site locations selected by the Engineer.
- Notification of Final Acceptance will be sent to the Contractor in writing (via the WBPM system) by the Engineer.

WARRANTY

The toll plaza electrical and communication systems with associated components shall be warranted and guaranteed against defects and/or failure in design, materials and workmanship within the warranty period stated elsewhere in this special provision. The Contractor shall submit the warranty terms as part of each material item's shop drawing submittal for approval.

The warranty shall provide that, in the event of a malfunction during the warranty period, the defective system component shall be replaced with a new component by the manufacturer or his/her representative within five (5) working days.

Any component that, in the opinion of the Engineer, fails three (3) times prior to the expiration of the warranty shall be judged as unsuitable and shall be replaced by the device manufacturer or representative with a new component of the same type at no additional cost to the Illinois Tollway. The unsuitable component shall be permanently removed from the project. A failure shall also be defined as the field device becoming unable to comply with all applicable standards.

Additional warranty requirements for toll plaza electrical work components are as follows:

- Uninterruptible Power Supplies (UPS): The Contractor shall provide a manufacturer's warranty against defects in design, materials, workmanship, and performance for the UPS units within the warranty period.

Method of Measurement. This work will not be measured for payment.

Basis of Payment. This work will be paid at Contract price per lump sum for PLAZA ELECTRICAL WORK, which includes both the Main Toll Plaza and Remote Toll Plaza Buildings performed in accordance with the Plans and Special Provisions.

Pay Item Number	Designation	Unit of Measure
JT131526	PLAZA ELECTRICAL WORK	L SUM

ALLOWANCE FOR ADDITIONAL ELECTRICAL AND COMMUNICATION WORK

Description This Special Provision establishes a budgetary allowance for additional electrical and communications work that may be required to install and connect any unforeseen electronic device at the Tolling Plaza.

The work to be completed under this item will be as directed by the Engineer. This item will provide a line item against which payment will be made since the scope cannot be determined at the time of submittal of the Proposal.

Payment will only be made for that work completed which is directed by the Engineer in writing.

Method of Measurement. This work will not be measured for payment.

Basis of Payment. Payment for this work will be made as specified in Tollway Supplemental Specifications Article 109.04 using a force account basis. Payment for this work will not exceed the costs incurred by the Contractor and approved by the Engineer.

Pay Item Number	Designation	Unit of Measure
JT154112	ALLOWANCE FOR ADDITIONAL ELECTRICAL AND COMMUNICATIONS WORK	UNIT

ALLOWANCE FOR MWRDGC SITE MAINTENANCE

DESCRIPTION

A budgetary allowance is being established for haul road maintenance which may include work maintaining the haul roads, pipeline protection systems, erosion control systems, super silt fence and gates for the duration of the contract which may be required to be performed by the Contractor, the scope of which cannot be determined at the time of submittal of the Proposal. Payment will only be made for that work completed which is directed by the Engineer in writing.

METHOD of MEASUREMENT

This work will not be measured for payment.

BASIS of PAYMENT

Payment for this work will be made as specified in Illinois Tollway Supplemental Specifications Article 109.04 using a force account basis. Payment for this work will not exceed the costs incurred by the Contractor and approved by the Engineer.

Pay Item Number	Designation	Unit of Measure
JT154168	ALLOWANCE FOR HAUL ROAD MAINTENANCE	UNIT

WATER TRANSMISSION MAIN PROTECTION

Description

Contract I-13-4629 has previously performed work for the protection of the Northwest Suburban Municipal Joint Action Water Agency's (NSMJAWA) water transmission main and appurtenances (water main) within the project limits for the duration of the contract, including placement of the double crane pipeline protection mat, fencing and signing. The requirements that also apply to this contract include compliance with all the construction requirements described below, maintenance of previously installed facilities, settlement monitoring and any occurrence of fines for non-compliance. Maintenance and settlement monitoring requirements will begin on March 1, 2020.

Construction Requirements. The following requirements shall be considered by the Contractor when developing methods of construction.

It shall be the Contractor's responsibility to maintain and protect the previously installed construction fencing until completion of the contract, including immediate replacement of any damaged sections of the fence.

Upon completion of this contract all water main protection fencing shall remain in place.

No construction equipment or vehicles shall be allowed in this area except as indicated in the following paragraphs.

Storage of Materials

The Contractor shall not store materials within 15 feet of the water main.

Minimum Pipe Cover Depth

Throughout the duration of the contract the Contractor shall maintain a minimum 3 foot cover depth over the entire length of the existing water main, measured from ground surface to top of water main. Under no circumstance will this cover depth be reduced to less than 3 feet.

Construction Access Points That Cross NSMJAWA Water Mains

- General: It shall be the Contractor's responsibility to ensure that all conditions for the previously installed crossing location are in compliance with the requirements of this special provision. All water main crossing locations will be subject to approval by the Engineer, based on documentation submitted by the Contractor with a minimum of 24 hours advance notice.

All crossings shall be perpendicular to the water main.

• Crossings Where Soil Cover Depths Is Less Than 4 Feet: No vehicles or equipment will be allowed to cross the water main in locations where there is less than 4 feet of soil cover depth over the pipe.

• Crossings Where Soil Cover Depth Is Greater Than 4 Feet But Does Not Exceed 8 Feet:

o Double Crane Mat: Vehicles and equipment with a maximum loaded weight of up to 75,000 pounds shall utilize a double crane mat crossing as shown in the "Crossing Layout Plan for Double Crane Mat" detail provided in the plans. This includes all wheeled and tracked vehicles and equipment.

Vehicles and equipment with a loaded weight in excess of 75,000 pounds will be allowed to utilize a double crane mat crossing if the following criteria is met:

- Tracked Vehicles/Equipment: Divide the maximum loaded weight of the vehicle/equipment (in pounds) by the product of the length of track on ground (in feet) times the width of tracks (from outside edge of left track to outside edge of right track, measured in feet). If this number does not exceed 1,040 pounds per square foot the vehicle/equipment is acceptable to use a double crane mat crossing.

- Wheeled Vehicles/Equipment with Two Axles: Divide the maximum loaded weight of the vehicle/equipment (in pounds) by the product of the wheelbase (from center to center of axles measured in feet) plus 0.83 times the width of wheels (from outside of left tire to outside of right tire, measured in feet). If this number does not exceed 1,040 pounds per square foot the vehicle/equipment is acceptable to use a double crane mat crossing.

- Wheeled Vehicles/Equipment with Three Axles: This applies to vehicles/equipment with two rear axles having a spacing less than 7 feet. Divide the maximum loaded weight on the two rear axles (in pounds) by the product of the wheelbase (from center to center of axles measured in feet) plus 0.83 times the width of wheels (from outside of left tire to outside of right tire, measured in feet). If this number does not exceed 1,460 pounds per square foot the vehicle/equipment is acceptable to use a double crane mat crossing.

• Crossing Documentation to be Submitted for Review and Approval: Prior to the start of construction the Contractor shall submit a Quality Plan for review and approval by the Engineer that provides the following information:

o Location of proposed water main crossing, including the previously installed crossing type (double mat)

o A list of all vehicles proposed to utilize each type of crossing, including an equipment cut sheet for each vehicle that identifies the vehicle manufacturer, weight (unloaded and maximum loaded), and maximum wheel, tire or track loading

o Detailed plan for compliance with the requirements of this specification, including traffic control and enforcement at crossings.

• Required Signage for Water Main Crossings: The Contractor shall maintain previously installed signage on both sides of each water main crossing that identifies the manufacturer and model for each individual type of vehicle and/or piece of equipment that has been approved by the Engineer to utilize the crossing. It shall be the Contractor's responsibility to ensure strict enforcement of the vehicle and equipment limits for each water main crossing.

The Contractor shall maintain two signs on each approach to the water main crossing that identifies the type of crossing. Crossing type is:

o Double Mat

The Contractor will be responsible for providing documentation in each vehicle stating which crossing type an individual vehicle is permitted to use based on approval received from the Engineer. It shall be the Contractor's responsibility to ensure strict enforcement of the vehicle and equipment limits for each water main crossing.

Ground Rutting and Settlement

The Contractor shall maintain ground surface within the limits of the fenced area free from rutting or settlement to the greatest extent practicable.

Prior to using a crossing, the Contractor shall maintain the previously installed settlement platform. Settlement platforms shall be maintained by the Contractor in the required positions at all times while a crossing is open for use. All movement or disturbance of the settlement platform shall be immediately corrected by the Contractor by repairing or replacing them as directed by the Engineer.

Settlement readings will be taken by the Contractor each day that the crossing is open for use. Any locations where settlement, or ground rutting, exceeds six inches above the water main shall be immediately repaired and restored by the Contractor to original conditions prior to further use of the water main crossing. Daily settlement readings shall be recorded in a report format approved by the Engineer and NSMJAWA.

The grade pipe and casing pipe shall remain in place upon the completion of this contract for use by another contract.

Construction Over Water Main

No construction equipment or vehicles are allowed to work, operate, idle or sit in the construction limits designated above without prior acceptance of the Engineer.

Non-Compliance

Any occurrence of non-compliance with this Water Transmission Main Protection special provision shall be subject to a fine of $10,000 per occurrence, and the Contractor shall take immediate corrective action to rectify the non-compliance to the satisfaction of the Engineer.

Upon completion of the work under this contract, the crane mats and construction fencing shall remain in place for use by another contract.

Method of Measurement. This work will be measured for payment in calendar months for SETTLEMENT MONITORING, including maintenance of previously installed facilities.

Basis of Payment. This work will be paid for at the contract price per calendar month for SETTLEMENT MONITORING in accordance with the Drawings and Specifications, which payment shall be full compensation for all labor, equipment, supplies, materials, and performing all operations necessary to complete this item as shown and specified herein.

Pay Item Number	Designation	Unit of Measure
JT900088	SETTLEMENT MONITORING	CAL MO

ELECTRIC SERVICE INSTALLATION (D1)
Effective: January 1, 2012

Description. This item shall consist of all material and labor required to extend, connect or modify the electric services, as indicated or specified, which is over and above the work performed by the utility. Unless otherwise indicated, the cost for the utility work, if any, will be reimbursed to the Contractor separately under ELECTRIC UTILITY SERVICE CONNECTION. This item may apply to the work at more than one service location and each will be paid separately.

Materials. Materials shall be in accordance with the Standard Specifications.

CONSTRUCTION REQUIREMENTS

General. The Contractor shall ascertain the work being provided by the electric utility and shall provide all additional material and work not included by other contract pay items required to complete the electric service work in complete compliance with the requirements of the utility.

No additional compensation will be allowed for work required for the electric service, even though not explicitly shown on the Drawings or specified herein

Method Of Measurement. Electric Service Installation shall be counted, each.

Basis Of Payment. This work will be paid for at the contract unit price each for **ELECTRIC SERVICE INSTALLATION** which shall be payment in full for the work specified herein.

Pay Item Number	Designation	Unit of Measure
80400100	ELECTRIC SERVICE INSTALLATION	EACH

ELECTRIC UTILITY SERVICE CONNECTION (COMED) (D1)

Effective: January 1, 2012

Description. This item shall consist of payment for work performed by ComEd in providing or modifying electric service as indicated. THIS MAY INVOLVE WORK AT MORE THAN ONE ELECTRIC SERVICE. For summary of the Electrical Service Drop Locations see the schedule contained elsewhere herein.

CONSTRUCTION REQUIREMENTS

General. It shall be the Contractor's responsibility to contact ComEd. The Contractor shall coordinate his work fully with the ComEd both as to the work required and the timing of the installation. No additional compensation will be granted under this or any other item for extra work caused by failure to meet this requirement. **Please contact ComEd, New Business Center Call Center, at 866 NEW ELECTRIC (1-866-639-3532) to begin the service connection process. The Call Center Representatives will create a work order for the service connection. The representative will ask the requestor for information specific to the request. The representative will assign the request based upon the location of project.**

The Contractor should make particular note of the need for the earliest attention to arrangements with ComEd for service. In the event of delay by ComEd, no extension of time will be considered applicable for the delay unless the Contractor can produce written evidence of a request for electric service within 30 days of execution.

Method Of Payment. The Contractor will be reimbursed to the exact amount of money as billed by ComEd for its services. Work provided by the Contractor for electric service will be paid separately as described under ELECTRIC SERVICE INSTALLATION. No extra compensation shall be paid to the Contractor for any incidental materials and labor required to fulfill the requirements as shown on the plans and specified herein.

For bidding purposes, this item shall be estimated as $2,000 for each location noted below:

- Electric utility service connection Location 1 shall be for the proposed IDOT Scada lighting controller "I".
- Electric utility service connection Location 2 shall be for the proposed IDOT Scada lighting controller "J".
- Electric utility service connection Location 3 shall be for the proposed Village of Posen lighting controller.
- Electric utility service connection Location 4 shall be for the existing IDOT Scada lighting controller "K1".

Basis Of Payment. This work will be paid for at the contract lump sum price for **ELECTRIC UTILITY SERVICE CONNECTION** which shall be reimbursement in full for electric utility service charges.

Pay Item Number	Designation	Unit of Measure
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM

SLIPFORM PARAPET (IDOT GBSP)
Effective: June 1, 2007
Revised: March 1, 2019

The following shall be added to the end of Article 503.16(b) of the Standard Specifications.

(3) Slipforming parapets. Unless otherwise prohibited herein or on the plans, at the option of the Contractor, concrete parapets on bridge decks may be constructed by slipforming in lieu of the conventional forming methods. Slipforming will not be permitted for curved parapets on a radius of 1500ft (457 m) or less.

The slipform machine shall be self-propelled and have automatic horizontal and vertical grade control. For 34 inch (864 mm) and 39 inch (991 mm) tall parapets the machine shall be equipped with a minimum of four (4) vibrators. For 42 inch (1.067 m) and 44 inch (1.118 m) tall parapets the machine shall be equipped with a minimum of five (5) vibrators. The equipment shall be approved by the Engineer before use.

If the Contractor wishes to use the slipform parapet option for 44 inch (1.067 m) tall parapets he/she shall construct a test section in a temporary location to demonstrate his/her ability to construct the parapets without defect. The test section shall be constructed under similar anticipated weather conditions, using the same means and methods, equipment, operator, concrete plant, concrete mix design, and slump as proposed for the permanent slipform parapets.

The test section shall be at least 50 feet (15 meters) in length and shall be of the same cross section shown on the plans. The contractor shall place all of the reinforcement embedded in the parapet shown on the plans. Upon completion of the test section, the Contractor shall saw cut the test section into 2 foot (600 mm) segments and separate the segments for inspection by the Engineer.

The test section shall demonstrate to the satisfaction of the Engineer that the Contractor can slipform the parapets on this project without defects. The acceptance of the test section does not constitute acceptance of the slipform parapets in place.

The concrete mix design may combine two or more coarse aggregate sizes, consisting of CA-7, CA-11, CA-13, CA-14, and CA-16, provided a CA-7 or CA-11 is included in the blend in a proportion approved by the Engineer.

The slipform machine speed shall not exceed 3 ft (0.9 m) per minute. Any section of parapet placed with the slipform machine moving in excess of the maximum allowed speed will be rejected. Any time the speed of the machine drops below 0.5 ft (150 mm) per minute will be considered a stoppage of the slipforming operation, portions of parapet placed with three or more intermittent stoppages within any 15 ft (4.6 m) length will be rejected. The contractor shall schedule concrete delivery to maintain a uniform delivery rate of concrete into the slipform machine. If delivery of concrete from the truck into the slipforming machine is interrupted by more than 15 minutes, the portion of the wall within the limits of the slipform machine will be rejected. Any portion of the parapet where the slipforming operation is interrupted or stopped within the 15 minute window may be subject to coring to verify acceptance.

If the Contractor elects to slipform, the parapet cross-sectional area and reinforcement bar clearances shall be revised according to the details for the Concrete Parapet Slipforming Option. In addition, if embedded conduit(s) are detailed, then the contractor shall utilize the alternate reinforcement as detailed.

The use of cast-in-place anchorage devices for attaching appurtenances and/or railings to the parapets will not be allowed in conjunction with slipforming of parapets. Alternate means for making these attachments shall be as detailed on the plans or as approved by the Engineer.

All reinforcement bar intersections within the parapet cross section shall be 100 percent tied utilizing saddle ties, wrap and saddle ties or figure eight ties to maintain rigidity during concrete placement. At pre-planned sawcut joints in the parapet, Glass Fiber Reinforced Polymer (GFRP) reinforcement shall be used to maintain the rigidity of the reinforcement cage across the proposed joints as detailed for the Concrete Parapet Slipforming Option.

Glass Fiber Reinforced Polymer (GFRP) reinforcement shall be subject to approval by the Engineer. Other non-ferrous reinforcement may be proposed for use but shall be subject to approval by the Engineer. GFRP reinforcement shall be tied the same as stated in the previous paragraph.

The Contractor may propose supplemental reinforcement for stiffening to prevent movement of the reinforcement cage and/or for conduit support subject to approval by the Engineer.

Clearances for these bars shall be the same as shown for the required bars and these bars shall be epoxy coated. If the additional reinforcement is used, it shall be at no additional cost to the Department.

For projects with plan details specifying parapet joints spaced greater than 20 ft (6 m) apart, additional sawcut joints, spaced between 10 ft (3 m) and 20 ft (6 m), shall be placed as directed by the Engineer. The horizontal reinforcement extending through the proposed joints shall be precut to provide a minimum of 4 in. (100 mm) gap, centered over the joint, between rebar ends. The ends of the reinforcement shall be repaired according to Article 508.04.

After the slipform machine has been set to proper grade and prior to concrete placement, the clearance between the slipform machine inside faces and reinforcement bars shall be checked during a dry run by the Contractor in the presence of the Engineer. The dry run shall not begin until the entire reinforcing cage has been tied and the Engineer has verified and approved the placement and tying of the reinforcing bars. Any reinforcement bars found to be out of place by more than ½ in. (13 mm), or any dimensions between bars differing from the plans by more than ½ in. (13 mm) shall be re-tied to the plan dimensions.

During the dry run and in the presence of the Engineer, the Contractor shall check the clearance of the reinforcement bars from the inside faces of the slipform mold. In all locations, the Contractor shall ensure the reinforcement bars have the minimum cover distance shown on the plans. This dry run check shall be made for the full distance that is anticipated to be placed in the subsequent pour. Reinforcement bars found to have less

than the minimum clearance shall be adjusted and the dry run will be performed again, at least in any locations that have been readjusted.

For parapets adjacent to the watertable, the contractor shall, for the duration of the construction and curing of the parapet, provide and maintain an inspection platform along the back face of the parapet. The inspection platform shall be rigidly attached to the bridge superstructure and be of such design to allow ready movement of inspection personnel along the entire length of the bridge.

The aluminum cracker plates as detailed in the plans shall be securely tied in place and shall be coated or otherwise treated to minimize their potential reaction with wet concrete. In lieu of chamfer strips at horizontal and vertical edges, radii may be used. Prior to slipforming, the Contractor shall verify proper operation of the vibrators using a mechanical measuring device subject to approval by the Engineer.

The top portion of the joint shall be sawcut as shown in the details for the Concrete Parapet Slipforming Option. Sawing of the joints shall commence as soon as the concrete has hardened sufficiently to permit sawing without excessive raveling. All joints shall be sawed to the full thickness before uncontrolled shrinkage cracking takes place but no later than 8 hours after concrete placement. The sawcut shall be approximately 3/8 in. (10 mm) wide and shall be performed with a power circular concrete saw. The joints shall be sealed with an approved polyurethane sealant, conforming to ASTM C 920, Type S, Grade NS, Class 25, Use T, to a minimum depth of 1/2 in. (12 mm), with surface preparation and installation according to the manufacturer's written instructions. Cork, hemp or other compressible material may be used as a backer. The sawcut will not require chamfered edges.

Ends of the parapet shall be formed and the forms securely braced. When slipforming of parapets with cross sectional discontinuities such as light standards, junction boxes or other embedded appurtenances except for name plates, is allowed, the parapet shall be formed for a minimum distance of 4 ft (1.2 m) on each side of the discontinuity.

For acceptance and rejection purposes a parapet section shall be defined as the length of parapet between adjacent vertical parapet joints.

The maximum variance of actual to proposed longitudinal alignment shall not exceed ±3/4 in. (20 mm) with no more than 1/4 inch in 10 ft (6 mm in 3 m). Notwithstanding this tolerance, abrupt variance in actual alignment of 1/2 inch in 10 ft (13 mm in 3 m) will be cause for rejection of the parapet section.

In addition, all surfaces shall be checked with a 10 ft (3 m) straight edge furnished and used by the Contractor as the concrete is extruded from the slipform mold. Continued variations in the barrier surface exceeding 1/4 inch in 10 ft (6 mm in 3 m) will not be permitted and remedial action shall immediately be taken to correct the problem.

The use of equipment or methods which result in dimensions outside the tolerance limits shall be discontinued. Parapet sections having dimensions outside the tolerance limits will be rejected.

Any visible indication that less than specified cover of concrete over the reinforcing bars has been obtained, or of any cracking, tearing or honeycombing of the plastic concrete, or any

location showing diagonal or horizontal cracking will be cause for rejection of the parapet section in which they are found.

The vertical surfaces at the base of the barrier within 3 in. (75 mm) of the deck surface shall be trowelled true after passage of the slipform machine. Hand finishing of minor sporadic surface defects may be allowed at the discretion of the Engineer. All surfaces of the parapet except the top shall receive a final vertical broom finish. Any deformations or bulges remaining after the initial set shall be removed by grinding after the concrete has hardened.

Slipformed parapets shall be wet cured according to either Article 1020.13(a)(3) or Article 1020.13(a)(5). For either method, the concrete surface shall be covered within 30 minutes after it has been finished. The cotton mat or burlap covering shall be held in place with brackets or another method approved by the Engineer. The Contractor shall have the option, during the period from April 16 through October 31, to delay the start of wet curing by applying a linseed oil emulsion curing compound. Exercising this option waives the requirement for protective coat according to Article 503.19. The linseed oil emulsion shall be according to Article 1022.01 and shall be applied according to Articles 1020.13 Notes-General 8/ and 1020.13(a)(4). The delay for wet curing shall not exceed 3 hours after application of the linseed oil emulsion.

A maximum of three random 4 in. (100 mm) diameter cores per 100 ft (30 m) of parapet shall be taken as directed by the Engineer, but no less than three random cores shall be taken for each parapet pour. At least 2 cores shall be located to intercept the top horizontal bar. Unless otherwise directed by the Engineer, coring shall be accomplished within 48 hours following each parapet pour. Separate parapets poured on the same date shall be considered separate pours. Random cores will not be measured for payment.

The Engineer will mark additional locations for cores where, in the sole opinion of the Engineer, the quality of the slipformed parapet is suspect.

The Engineer or his representative will be responsible for evaluation the cores. Any cores showing voids of any size adjacent to the reinforcement bars, or showing voids not adjacent to reinforcement bars of 1/4 square inch (160 square millimeters) in area or more, or showing signs of segregation, or showing signs of cracking shall be considered failures and the parapet section from which it was taken will be rejected. Parapets with less than 1 1/2 inches of concrete cover over the reinforcement shall be rejected.

Rejected parapet sections shall be removed and replaced for the full depth cross-section of the parapet except that concrete covers between 1 inch and 1½ inches may be open to remedial action subject to the approval of the Engineer. Such action could entail up to and including removal and replacement.

The minimum length of parapet removed and replaced shall be 3 ft (1 m). Additional cores may be required to determine the longitudinal extent of removal and replacement if it can not be determined and agreed upon by other means (i.e. visual, sounding, non-destructive testing, etc.).

Any parapet section with more than one half of its length rejected or with remaining segments less than 10 ft (3 m) in length shall be removed and replaced in its entirety.

If reinforcement bars are damaged during the removal and replacement, additional removal and replacement shall be done, as necessary, to ensure minimum splice length of replacement bars. Any damage to epoxy coating of bars shall be repaired according to Article 508.04.

All core holes will be filled with a non-shrink grout meeting the requirements of Section 1024.

Basis of Payment. When the contractor, at his/her option, constructs the parapet using slipforming methods, no adjustment in the quantities for Concrete Superstructures and Reinforcement Bars, Epoxy Coated to accommodate this option will be allowed. Compensation under the contract bid items for Concrete Superstructures and Reinforcement Bars, Epoxy Coated shall cover the cost of all work required for the construction of the parapet and any test section(s) required, and for any additional costs of work or materials associated with slipforming methods.

Capital Program

MEETING MINUTES

PURPOSE/PROJECT #: **I-19-4464**

I-57 Roadway and Bridge Widening (Kedzie Ave. to CSX RR) and I-294 Ramp Construction

Pre-Bid Meeting

MEETING DATE/TIME: **October 10, 2018** **1:00 pm**

CHAIRPERSON: **AJ Pebler**

LOCATION: **Conference Room 175 – Court Room**

MEETING TOPICS

1. Introductions of Tollway and DSE staff.

2. Location: The improvements to be constructed under this contract shall be performed along Interstate 57 (IDOT Jurisdiction), between Mile Post 349.2 and Mile Post 350.6, and Ramp L (Tollway) Mile Post 7.0 to Mile Post 8.5 in Cook County, Illinois.

   Scope of Work – The work under this contract includes, but is not limited to:

- Bridge Demolition and Construction on I-57 over 147th Street.
- Bridge Widening at 149th Street and Dixie Highway.
- Pavement widening and resurfacing of I57.
- Ramp Pavement construction for CD Road A and C, and Tollway Ramp H.
- Partial Reconstruction of Ramps E, F, J and K at 147th Street.
- Constructing double-face barrier separated median and single-face barrier.
- Pavement construction.
- Traffic surveillance improvements.
- Sign removal and replacement including overhead signs.
- Pavement markings.
- Installation of guardrail
- Earth Excavation and Grading
- Construction of storm drainage systems.
- Erosion and sediment control
- Topsoil and Seeding
- Right of Way Fencing
- Maintenance of traffic
- Toll Plaza building and equipment at Ramp L

PURPOSE/PROJECT #: **I-19-4464**

I-57 Roadway and Bridge Widening (Kedzie Ave. to CSX RR) and I-294 Ramp Construction

Pre-Bid Meeting

MEETING DATE/TIME: **October 10, 2018** **1:00 pm**

- All other appurtenant and miscellaneous construction shown on the plans and as required by the Standard Specifications and within these special provisions

The following work will require design by the contractor as it is included in this contract as a performance specification:
1.) Performance Based Retaining Walls.
2.) Performance Based Noise Abatement Walls
3.) Performance-Related Special Provision For High Performance Concrete Mix Designs For Concrete Superstructure

3. Project Schedule
    a. Bid Opening – November 5, 2019
    b. Work Commencement – January 15, 2020
    c. Interim Completion – December 1, 2020
    d. Substantial Completion – October 29, 2021
    e. Contract Completion – November 14, 2021
    f. Liquidated Damages – per S.P. 105.1

4. Diversity
    a. DBE Goal – 30%. Veteran Goal – 2%
    b. EEO Requirements
        i. 19.6% minority workforce participation
        ii. 6.9% female workforce participation
    c. Community Hiring Incentive

5. Insurance Requirements – Refer to SP 107. Note that a Bond for IDOT is also required.

6. Coordination with Utilities and Others Refer to SP 106
    a. Utilities – Expected utilities include ComEd, Nicor, Comcast,
    b. IDOT District One – Lighting cable, Fiber optic, Closed circuit cameras
    c. Village of Dixmoor – water, sanitary sewer, combined sewer, storm sewer
    d. Village of Posen - water, sanitary sewer, combined sewer, storm sewer
    e. Other Contracts – An additional contract on the I-57 at I-294 project is underway in the vicinity of this contract.

MEETING MINUTES

PURPOSE/PROJECT #: **I-19-4464**

I-57 Roadway and Bridge Widening (Kedzie Ave. to CSX RR) and I-294 Ramp Construction

Pre-Bid Meeting

MEETING DATE/TIME: **October 10, 2018** **1:00 pm**

7. Maintenance of Traffic
    a. I-294 – (Tollway) Refer to SP Maintenance of Traffic, page J-166
    b. I-57 – (IDOT) Refer to SP Traffic Control Plan, page J-50

8. Open Discussion –
    1. Will there be an Addendum?

    RESPONSE – Yes.

Capital Program

PURPOSE/PROJECT #: **I-19-4464**

I-57 Roadway and Bridge Widening (Kedzie Ave. to CSX RR) and I-294 Ramp Construction

Pre-Bid Questions

Bid Opening: **November 5, 2018**

Responses to plan holders

Q: I noticed on the upcoming Tollway project for I-19-4464 there are 18 Full Redirective Narrow attenuators listed in the pay items. My understanding was, as per the attached design bulletin (17-01), that only Severe use crash cushions were to be used on Tollway projects. Is there a forthcoming addendum regarding this?

A: Attenuator quantities and items are revised in the addendum.

Q: Can the Tollway please provide grading plans or cross sections detailing the improvements for 147th Street and 149th Street?

A: Refer to Addendum no 1, Cross sections will be issued to successful bidder.

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PART I - INSTRUCTIONS

Bid Schedule and Information	A-1
Construction Bid Checklist	CL-1 – CL-3
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THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

ADVERTISEMENT FOR SEALED BIDS

Bid Schedule and Information for

CONTRACT NO: I-19-4464

Sealed Bids for the above numbered Contract as described below will be received by the Illinois Tollway at its offices, at 2700 Ogden Avenue, Downers Grove, Illinois 60515, until 10:30:00 a.m., local time November 5, 2019, at which time the Bids will be opened and the bids read aloud.

An **optional pre-bid meeting** is scheduled for October 10, 2019 at the **Central Administration Building** in Downers Grove, at 2700 Ogden Avenue. The meeting will be held in Conference Room 175 at 1:00 PM.

The work to be done under this Contract shall be started on or about January 15, 2020. All work under this Contract shall be completed by November 24, 2021.

The work under this Contract shall consist of: **Widening I-57, Reconstruction of I-57 bridges over 147th Street, new CD Road Bridges over 149th, 147th and Dixie Highway, construction of CD Roads A and C, Ramp H associated drainage, signage and pavement markings and delineation, traffic barriers, maintenance of traffic, erosion and sediment control, installing surveillance systems and restoration of landscaping.**

The work under this Contract is to be performed on: **Tri-State Tollway (I-294) between Mile Post 7.0 and Mile Post 8.5 and along Interstate 57 (IDOT Jurisdiction), between Mile Post 349.2 and Mile Post 350.6 in Cook County, Illinois.**

Bidders may be required to be pre-qualified by the Illinois Department of Transportation (IDOT).

IDOT Prequalification required: ☒YES ☐NO If 'NO', ignore any reference to IDOT Prequalification within the remainder of this document.

Joint Ventures shall be limited to no more than three (3) individually IDOT-pre-qualified members.

Bidders are also required to be registered, or submit evidence of application, with the Illinois Department of Human Rights (IDHR). **There are NO EXCEPTIONS.**

Please note that written or oral communications received by the Illinois Tollway in connection with this solicitation may be required to be reported to the Procurement Policy Board as required by law. This provision is not intended to prohibit communications with State employees regarding a procurement matter, but rather only requires reporting of those communications when they occur.

All bids must be on forms prescribed by the Illinois Tollway and must comply with the terms and conditions set forth in the contract Documents. Copies of the plans, special provisions, bid forms and other contract documents for this contract are available from BHFX Digital Imaging and can be viewed and/or ordered for purchase by visiting the On-line Plan Room via www.illinoistollwaybidding.com. Copies of the current Illinois Tollway Supplemental Specifications to the Illinois Department of Transportation Standard Specifications for Road and Bridge Construction can be purchased directly from BHFX Digital Imaging. The current Illinois Tollway Supplemental Specifications may also be viewed in the 'Doing Business' section on the Tollway website. Current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Recurring Special Provisions can be viewed and purchased from the Illinois Department of Transportation website. Electronic copies of the contract documents are also available on compact disk (CD) from BHFX Digital Imaging. Copies are in a portable document format (PDF). **Bidders with questions or in need of assistance in purchasing contract documents are to contact a** BHFX Digital Imaging, **Customer Service Representative at 630-393-0777, ask for the Plan Room.**

Questions pertaining to the intent of the Contract Documents may be sent to the Illinois Tollway, attention apebler@getipass.com, to be received no later than 2:00 p.m. local time on October 18, 2019.

A completed questionnaire and a statement of current contractual obligations on forms supplied by the Illinois Tollway will be required from the apparent low Bidder once the apparent low bidder is determined. Each bid must be accompanied by a Bid Guarantee in the amount of five (5%) percent of the total amount shown in the Bid for the Contract. The Bid Guarantee shall be in the form of an acceptable bid bond or a bank draft, certified check or cashier's check drawn on a solvent bank made payable to the Illinois State Toll Highway Authority.

Award of the above contract, if any award be made, will be to the lowest responsive and responsible bidder or bidders. The Illinois Tollway reserves the right to reject any and all Bids, to waive technicalities, or cancel the solicitation.

COPIES OF PLANS, SPECIAL PROVISIONS, BID FORMS, CONTRACT DOCUMENTS, STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS ARE NOT AVAILABLE AT THE TOLLWAY CENTRAL ADMINISTRATION BUILDING.

DATE: September 24, 2019

Judlau

Documents Required with the Bid

Bidder should use this checklist to ensure that all required documents are completed and included with its bid.

Required Documents	Reference Volume I	Comments and Important Information		Included with Bid ✓
Forms A (22 pages) or Forms B (3 or more pages)	Section N	Forms A or Forms B must be submitted with the bid or the bid will be considered non-responsive.	If a Joint Venture, must be submitted for each Joint Venture Partner old version used	Yes
Disadvantaged Business Enterprise • **DBE 2026-Utilization Plan** • **DBE 2025** • **DBE 2023 if needed**	Section I #27 DBE Special Provision	Required for all solicitations with DBE goals. The DBE 2025 form should be submitted with the bid. See DBE Special Provisions for additional information. If goal is 0% the forms are not required.		yes
Veteran Small Business Participation and Utilization • **VOSB 2026-Utilization Plan** • **VOSB 2025** • **VOSB 2023 if needed**	Section I #28 VOSB Special Provision	Required for all solicitations with Veteran goals. The VOSB 2025 form should be submitted with the bid. See Veteran Special provision for additional information If goal is 0% the form is not required.		yes
Equal Employment Opportunity EEO 1256	Section I #29 & EEO Special Provision	Required for all solicitations with Equal Employment Opportunity goals.		yes
Optional Bid Credit Incentive Program Certificates	Section I #30 Bid Credit Incentive Programs Special Provision	If Bid Credit is utilized, Bid Credit Certificates are required in bid submittal See Bid Credit Incentive Programs Special Provision for additional information		yes
Page P-1 with Addendum noted, Page P-2 with Bid Guaranty completed, Page P-3 completed with signatures, P-4	Section I-#4 P-Pages	Fill in all available pay item prices with values of $0.01 or greater.		yes

Bid Bond, Signature and Corporate Seal	Page 2 and 3 of the "P" Pages	If a Joint Venture, Bid Bond must be in the name of the Joint Venture. Signature and Corporate Seal page (last) must be submitted for each Joint Venture Partner.	yes
Preferences, Contacts and Affidavit	Section R	If a Joint Venture, required from each Joint Venture Partner (If required)	yes
IDOT Certificate of Eligibility (If required—See Page A-1)	A-1 & Section I #9	If a Joint Venture, must be submitted for each Joint Venture Partner	yes
Non-Collusion Affidavit	Page R-4	If a Joint Venture, must be submitted for each Joint Venture Partner	yes
Tollway Standard Terms & Conditions	Section TC	If a Joint Venture, must be submitted for each Joint Venture	yes
Plant and Equipment Questionnaire and Current Obligations	Section I 9 & Section S	If a Joint Venture, submit for each Joint Venture partner.	yes
Responsible Bidder Affidavit PA-1 signed and Notary Seal	Section 1 #37		yes

The Following Will Be Verified by the Tollway for the Low Apparent Bidder			
Authority to Transact Business in Illinois - Secretary of State Certificate of Good Standing	Section I #10	If a Joint Venture, will be verified for each Joint Venture Partner.	✓
Illinois Dept. of Human Rights	Section I #9 & #26	If a Joint Venture, will be verified for each Joint Venture Partner	✓
State Board of Elections	Section I #25	If a Joint Venture, will be verified for each Joint Venture Partner	✓

Documents Required from Lowest Responsive/Responsible Bidder Upon Request from the Tollway

(Notice of Intent e-mail will be sent requesting these items)

Agreement	Section T	If a Joint Venture, must be signed by both Joint Venture Partners
Performance Bond	Section U	If a Joint Venture, must be executed by both Joint Venture Partners
Payment Bond	Section V	If a Joint Venture, must be executed by both Joint Venture Partners
Insurance	Section I #17	If a Joint Venture insurance must be in the name of both Joint Venture Partners
Evidence of authority of company representatives to execute the contract, such as Board of Directors' Minutes, or a resolution authorizing officers of the firm to execute the contract documents		
Certificates showing authorization to do business in Illinois if your firm is not an Illinois corporation.		
Any supplemental financial or experience information if requested by the Illinois Tollway.		
A completed Signature Authority Form designating any and all individuals to execute on behalf of the company any and all contract modifications or documentation		
If a Joint Venture, a copy of the executed Joint Venture Agreement between all partners that identifies the Managing Partner. Unless specifically directed otherwise in writing by the joint venture, the Managing Partner's FEIN will be used for payment and tax purposes		
A completed W-9 form if this is the first time the company is conducting business with the Tollway as a Prime Contractor. Please refer to the following link for the most current IRS W-9 form: http://www.irs.gov/pub/irs-pdf/fw9.pdf		
A copy of your IRS Assignment/Acceptance Letter if this is the first time the company is conducting business with the Tollway as a Prime Contractor, or if it has been a long time since you have done work with the Tollway and have never provided the document.		
As applicable to the Contract, Proof of Certification from each firm listed on DBE Form(s) 2025 and or VOSB Form(s) 2025. Please refer to the Special Provision for Disadvantaged Business Enterprise Participation and the Veteran Small Business Participation and Utilization Plan for a list of Certifying Agencies accepted by the Tollway. Proof of Certification includes Original letter of Certification, Certification Certificate, or the company listing in the Certifying Agency's database.		

INSTRUCTIONS AND INFORMATION TO BIDDERS

1. ADVERTISEMENT FOR BIDS

Bids will be received by the Illinois State Toll Highway Authority for constructing a portion of the Illinois Toll Highway System, as described in the Advertisement for Sealed Bids.

2. EXAMINATION OF CONTRACT DOCUMENTS AND WORK SITE

Before submitting a sealed bid, the bidder shall carefully examine the provisions of the contract bid documents. The Bidder shall also inspect in detail the site of the proposed work, investigate and become familiar with all conditions affecting the contract, and the detailed requirements of construction. Bidders will be held responsible for having done so.

3. CONTRACT DOCUMENTS (TO BE COMPLETED IN INK)

The contract documents for this contract shall be as defined in Section 101 of the Tollway Supplemental Specifications.

4. SCHEDULE OF PRICES

All blank spaces for bid prices must be filled in, in ink, with the unit price, or lump sum price, and the total price for each and every item (which prices must be more than $0.00). Bids which do not contain a price for every item listed in the Schedule of Prices for the contract being bid, will not be considered, unless alternate bids are requested.

5. INQUIRIES RELATIVE TO INTERPRETATION OF PLANS & SPECIFICATIONS

Any inquiries by Bidders relative to interpretation of any provisions of any of the contract documents will not be answered verbally, and to be given consideration must be submitted in writing to the Illinois Tollway no later than the date shown in the "Advertisement for Sealed Bids" (Page A-1). Answers, if any are given to such inquiries, will be in the form of Addenda and will be furnished to all bidders in conformance with the Tollway Supplemental Specifications.

6. BID GUARANTEE

The bidder is required to furnish a Bid Guarantee in accordance with the provisions of Article 102.09 of the Tollway Supplemental Specifications.

7. WAGE STIPULATIONS

This contract calls for the construction of a "public work," within the meaning of the Illinois Prevailing Wage Act, 820 ILCS 130/01 et seq. ("the Act") or is a service contract subject to the prevailing wage requirement of the Illinois Procurement Code, 30 ILCS 500/25-60 (the "Code"). The Act requires contractors and subcontractors to pay laborers, workers and mechanics performing services on public works projects no less than the current "prevailing rate of wages" (hourly cash wages plus amount for fringe benefits) in the county where the work is performed. The Code requires vendors awarded certain service contracts to pay service workers no less than the general prevailing wage rate of hourly wages (hourly cash wages plus amount for fringe benefits in the county where the work is performed. The Illinois Department of Labor publishes the prevailing wage rates on its website https://www.illinois.gov/idol/Laws-Rules/CONMED/Pages/Rates.aspx. The Illinois Department of Labor revises the prevailing wage rates and the contractor/subcontractor has an obligation to check the Illinois Department of Labor's website for revisions to prevailing wage rates. For information regarding current prevailing wage rates, please refer

to the Illinois Department of Labor's website. All contractors and subcontractors rendering services under this contract must comply with all requirements of the Act and Code, including but not limited to all wage requirements and notice and record keeping duties.

The contractor to whom the contract is awarded shall insert into each subcontract and into the project specifications for each subcontract a written stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers, and mechanics performing work under the contract. Each subcontractor shall insert into each lower tiered subcontract and into the project specifications for each lower tiered subcontract a stipulation to the effect that not less than the prevailing rate of wages shall be paid to all laborers, workers, and mechanics performing work under the contract.

A list of prevailing wages for the counties in which work under this contract is to be performed is included within this contract as an attachment.

AMENDMENTS TO PREVAILING WAGE LAW

Effective July 16, 2014, the Prevailing Wage Act has been amended. Below is a summary of some of the important changes that may affect you:

- For each calendar month construction on a Tollway project occurs, a certified payroll must be filed **no later than the 15th** of the following month.
- Payroll records must be kept for five (5) years from the date of last payment on a contract or subcontract.
- Any person who willfully files a false payroll is guilty of a Class A misdemeanor.
- Any person who willfully fails to create, keep, maintain, or **produce records as or when** required by the Act is guilty of a Class A misdemeanor.
- Any contractor or subcontractor convicted or found guilty of the above is subject to **automatic and immediate debarment** and prohibited from participating in any public works project for four (4) years with no right to a hearing.

The full text of the Prevailing Wage Act can be found here:

http://www.ilga.gov/legislation/ilcs/ilcs3.asp?ActID=2405&ChapterID=68

8. NON-COLLUSION AFFIDAVIT

The bidder must complete and return the non-collusion Affidavit furnished with the solicitation with their bid. In the event said Affidavit is found to be false in any respect, the Illinois Tollway may, at its option, void this contract without liability on the part of the Illinois Tollway and in addition, the contractor and its surety or sureties shall be liable to the Illinois Tollway for any and all damages of every nature and description sustained, directly or indirectly, by the Illinois Tollway as a result of entering into contract(s) based upon, among other things, the execution of such false affidavit.

9. **QUALIFICATIONS OF BIDDER**

The Illinois Tollway follows the procurement rules set by the Illinois Department of Transportation (IDOT) for the procurement of construction and professional services. The Bidder must be prequalified by the Illinois Department of Transportation if required by the solicitation. See Page A-1 to determine if IDOT Prequalification is required.

IDOT Contractor's Financial Statements will be acceptable if not more than eighteen (18) months old.

Illinois Department of Human Rights Public Contracts Number: Bidder shall complete and return the IDHR Public Contract Number form in Forms A, Part 2, or in the Illinois Procurement Gateway.

Each Bidder authorizes the Illinois Tollway to obtain and examine any and all financial data and experience information heretofore submitted by the Bidder to any Federal, State or local unit of government without further notice.

The Illinois Tollway will analyze the division of work to verify the weakest joint venture member is capable of performing, and analyze the others to be able to complete the project if the weakest firm defaults.

The individual partners of any joint venture must be jointly and severally liable for the obligations of the joint venture under the contracts.

Only one person will be designated managing partner for the joint venture and will speak for all joint venture partners and act as project manager.

Once the apparent low bidder is determined, the apparent low bidder shall submit the forms "Plant and Equipment Questionnaire" and "Current Contractual Obligations", to supplement the information contained in the qualifications questionnaire required in the paragraph above.

The Illinois Procurement Code provides, in part, that no person or business shall bid, offer, make a submission to a vendor portal, or enter into a contract under the Code if the person or business assisted an employee of the State of Illinois, who, by the nature of his or her duties, has the authority to participate personally and substantially in the decision to award a State contract, by reviewing, drafting, directing, or preparing any invitation for bids, a request for proposal, or request for information or provided similar assistance except as part of a publicly issued opportunity to review drafts of all or part of these documents. See certifications section of the contract for the required certifications prior to entering into a contract with the State of Illinois

10. **AUTHORITY TO TRANSACT BUSINESS UNDER AN ASSUMED NAME**

If the apparent low bidder is doing business under an assumed name, it shall be required to furnish, once the apparent low bidder is determined, a certificate of registration and authorization showing that such individual or partnership is registered and authorized to conduct business in Illinois under such assumed name in accordance with Assumed Business Name Act, 805 ILCS 405/1, as amended from time to time.

11. **SECRETARY OF STATE CERTIFICATE OF GOOD STANDING**

A person, other than an individual acting as a sole proprietor, must be a duly constituted legal entity and authorized to transact business or conduct affairs in Illinois prior to execution of the contract. 30 ILCS 500/20-43. The Secretary of State Certification will be verified by the Tollway for the apparent low bidder.

12. **TAX EXEMPTIONS**

Any material which is to be incorporated in the work and any equipment required therefore may be consigned to the Illinois State Toll Highway Authority in care of the contractor. If the shipping papers show clearly that any such material or equipment is so consigned, the shipment may be exempt from the tax on the transportation of property under the provisions of Section 4292, Title 26, U.S.C.A. (1954). All transportation charges shall be paid by the Contractor.

The Illinois Tollway is currently exempted from the payment of Illinois Retailer's Occupational Tax, Use Tax, Service Tax, Municipal Taxes and Federal Excise Tax.

The tax exempt number and form will become a part of the contract with the successful bidder.

13. **HAUL ROADS**

Attention of the contractor is directed to the probable use of public roads and streets (State, County and Municipal) for hauling loads in excess of present permitted allowance. It is the responsibility of the Contractor to make proper arrangements with officials having jurisdiction for any use of public roads and streets beyond that permitted by present regulations.

14. **ACKNOWLEDGMENT OF RECEIPT OF ADDENDA**

The bidder is required to acknowledge receipt of any addenda issued to the bidder by inserting the addendum number and the issuing date in the space provided in the solicitation.

15. **AUTHORITY POWER AND FUNDS**

The Illinois Tollway has been created and derives its power and authority under and pursuant to "An Act in relation to the construction, operation, regulation and maintenance of a system of toll highways, and to create the Illinois State Toll Highway Authority, and to define its powers and duties, approved August 7, 1967," (Illinois Compiled Statutes, 605 ILCS 10/1 to 605 ILCS 10/35, as amended from time to time, hereinafter called the "Act").

No payment or other obligations under this contract are or shall ever be construed to be obligations of the State of Illinois.

16. **PAYMENT OF TOLLS**

The contractor shall be required to pay the full amount of tolls, if any, incurred by it during the duration of the contract. Said tolls will not be refunded by the Illinois Tollway. Furthermore, in the event that a final determination is made by the Tollway that the contractor has failed to pay any required tolls and associated fines, the Tollway is authorized to take steps necessary to withhold the amounts of unpaid tolls and fines from any payment due the contractor by the Tollway and/or other State of Illinois office, department, commission, board or agency.

17. **INSURANCE**

The contractor shall not commence any work under the contract until all the insurance as specified in Article 107.27 of the Tollway Supplemental Specifications or any special provisions has been provided and approved, and Notice to Proceed is issued to the contractor.

18. **ILLINOIS HUMAN RIGHTS ACT**

The contractor is advised that the Illinois State Toll Highway Authority has heretofore by resolution

adopted all of the applicable requirements and provisions of the Illinois Fair Employment Practices Act, now the Illinois Human Rights Act (Illinois Compiled Statutes, 775 ILCS 5/1 -101, *et sequitur*, as amended from time to time) and all of the applicable rules and regulations promulgated thereunder, and that all such applicable requirements, provisions and rules and regulations are deemed to be a part of the Contract and to apply to the Contractor as if fully set out herein.

19. **MULTI-PROJECT LABOR AGREEMENT**

The Multi-Project Labor Agreement is not in effect for this contract.

20. ***RESERVED***

21. **COMPUTER GENERATED PAY ITEM PRICE PAGES FOR BIDS SUBMITTED IN HARD COPY FORMAT**

The schedule of prices for this contract is available for download in spreadsheet format on the Tollway's Online Plan Room hosted by BHFX Digital Imaging at: https://www.illinoistollwaybidding.com/.

The schedule of prices is published in spreadsheet format only once when the contract is advertised, and is published as a tool to assist bidders with preparation of their bid. Any revisions to the schedule of prices, including addenda, are the responsibility of the bidder and must be included in the bid. It is the bidder's responsibility to provide an accurate bid, which includes verification that the spreadsheet version of the schedule of prices matches the final contract book P-Pages. When submitting a hard copy bid, in the event of a discrepancy between the spreadsheet schedule of prices from the online plan room, and the contract book P-Pages, the contract book P-Pages and Addenda control and take precedence over the spreadsheet schedule of prices.

If you intend to submit a computer generated bid, it must be in a printed form similar to the contract P-Pages and must be legible. See Page I-1, Item 4 for additional pay item pricing requirements.

22. **PUBLISHED PROCUREMENT INFORMATION:**

The State publishes procurement information, including updates on the General Services eProcurement System BidBuy (https://bidbuy.illinois.gov), referred to as "BidBuy". Procurement information may not be available in any other form or location. Bidder is responsible for monitoring BidBuy. The State will not be held responsible if Bidder fails to monitor BidBuy, or to fully complete their vendor registration in BidBuy.

23. **PROTEST REVIEW OFFICE**

Vendors may submit a written protest to the Protest Review Office following the requirements of the IDOT Standard Procurement Rules 44 ILL ADM 6.390 through 6.440. All protests shall be in writing and filed with the CPO within seven (7) calendar days after the protester knows or should have known of the facts giving rise to the protest. Protests filed after the seven (7) calendar day period will not be considered. In addition, protests that raise issues of fraud, corruption or illegal acts affecting specifications, special provisions, supplemental specifications and plans must be received by the CPO no later than fourteen (14) calendar days before the date set for opening of bids. The Protest Review Office information is as follows:

Chief Procurement Office
Attn: Protest Review Office
401 S. Spring Street
Suite 515 Stratton Office Building

Email: eec.legalstaff@illinois.gov

Facsimile: (217) 558-1399
Illinois Relay: (800) 526-0844

Springfield, IL 62706

24. **SUBSTANCE ABUSE PREVENTION PROGRAM (SAPP) PUBLIC ACT 95-0635**

This Public Act requires that all contractors/subcontractors have a SAPP in place, with certain requirements, **before** starting work. The requirements of this Public Act are material to the contract, and the contractor shall require the same of all approved subcontractors.

25. **STATE BOARD OF ELECTIONS REGISTRATION PUBLIC ACT 95-0971**

State Board of Elections Registration: Vendor or bidder may be prohibited from making political contributions and be required to register with the State Board of Elections. For more information, see State Board of Elections in Forms A, Part 5.

26. **DEPARTMENT OF HUMAN RIGHTS (DHR) PUBLIC CONTRACT NUMBER**

Any bidder who bids on public contracts must register with the IDHR to be eligible to be awarded public contracts. Any bidder who registered previously but has a DHR number of 89999-00-0 or lower must re-register to maintain eligibility. Any IDHR number of 90000-00-0 or higher is valid for five (5) years from the date of issue. The IDHR website link is below.

http://www2.illinois.gov/dhr/PublicContracts/Pages/IDHR_Number.aspx

27. **DISADVANTAGED BUSINESS PARTICIPATION**

See Special Provision for Disadvantaged Business Participation

28. **VOSB/SDVOSB PARTICIPATION**

See Special Provision for VOSB/SDVOSB Participation

29. **EQUAL EMPLOYMENT OPPORTUNITY**

See Special Provision for Equal Employment Opportunity.

30. **BID CREDIT INCENTIVE PROGRAMS**

Tollway Bid Credit Incentive Programs allow contractors or subcontractors/fabricators to earn bid credits to be used toward future Tollway construction bids. A bidder can then apply its bid credits to a maximum Bid Credit Cap assigned to each construction contract to lower their bid amount and increase the chances of winning the contract as the low bidder. Use of bid credits from the Bid Credit Incentive Programs is applicable only to construction projects advertised by the Tollway for public bidding.

See Special Provision for Bid Credit Incentive Programs included in Volume 1.

Current Tollway Bid Credit Programs:

- CONSTRUCTIONWORKS PROGRAM

The ConstructionWorks (CW) Program offers contractors and subcontractors/fabricators a chance to earn bid credits toward future Tollway construction bids when they hire workers from a pool of qualified and eligible CW individuals including minorities, women, ex-offenders and exonerated individuals, veterans and other traditionally underserved populations.

See the Operational Guide for CW Program at https://www.illinoistollway.com/doing-business/diversity-development#BidCreditIncentives

- EARNED CREDIT PROGRAM

The Earned Credit Program (ECP) offers contractors and subcontractors/fabricators a chance to earn bid credits toward future Tollway construction bids when they hire workers from a pool of qualified and eligible Workforce Innovation and Opportunity Act (WIOA) individuals including minorities, women, ex-offenders and exonerated individuals, veterans and other traditionally underserved populations.

See the Operational Guide for Earned Credit Program at https://www.illinoistollway.com/doing-business/construction-engineering#Earned%20Credit%20Program.

- PARTNERING FOR GROWTH - CONSTRUCTION for DISADVANTAGED BUSINESS ENTERPRISE OR VETERAN-OWNED SMALL BUSINESS BID CREDIT INCENTIVE PROGRAM

A firm performing as a mentor in an approved Partnering for Growth (P4G) – Construction relationship, providing assistance to and training of a DBE or Veteran firm can earn Bid Credits that may be used toward future Tollway construction bids.

See the Operational Guide for Partnering For Growth - Construction For Disadvantaged Business Enterprise Bid Credit Incentive Program and the Operational Guide For Partnering For Growth – Construction For Veteran-owned Small Business Bid Credit Incentive Program at https://www.illinoistollway.com/doing-business/diversity-development/programs#Mentor

31. REPORTING OF COMMUNICATIONS WITH VENDORS

Please note that written or oral communications received by the Tollway that imparts or requests material information or makes a material argument regarding potential action concerning this procurement may require reporting to the Procurement Policy Board as required by the Procurement Code. When an oral communication is made by a person required to register under the Lobbyist Registration Act (25 ILCS 170) and received by a State employee, all individuals who initiate or participate in the communication shall submit a written report to that State employee memorializing the communication and for reporting to the Procurement Policy Board. This provision is not intended to prohibit communications with State employees regarding procurement matter, but rather only requires reporting of those communications when they occur.

32. INITIAL CONTACT INFORMATION

The initial contact person named on Page A-1 shall be familiar with assembling or obtaining the duly executed documents constituting the contract between the Illinois Tollway and the contractor.

33. WEB-BASED PROJECT MANAGEMENT

The Illinois Tollway will manage this project using the Tollway's web-based project management system. The primary goal of using the web-based project management system is to create a complete project record and serve as a project archive.

Once the apparent low bidder is determined, all project correspondence occurring with the apparent low Bidder will be addressed to the initial contact person via e-mail from Contract Services and via the web-based project management system. Initial correspondence is expected to consist of requests for information and responses related to DBE and subcontractor related items.

34. SUBCONTRACTOR DISCLOSURE

The bidder must identify, to the extent the information is known, the names, addresses and type of work for all sub-contractors that will be utilized in the performance of this contract together with the anticipated contract value each sub-contractor is expected to receive pursuant to this contract. The State may request updated information at any time. For purposes of this section, sub-contractor means a person or entity that enters into a contractual agreement with a person or entity who has a contract with the Illinois Tollway pursuant to which the person or entity provides some or all of the goods, services, real property, remuneration, or other monetary forms of consideration that are the subject of the primary Illinois Tollway contract. A person or entity is not a sub-contractor if that person only provides goods or supplies that are incidental to the performance of a contract by a person who holds the contract with the Illinois Tollway. In no event shall a sub-contractor be allowed to start work prior to approval by the Tollway.

35. PROCUREMENT COMPLIANCE MONITORS

Under Public Acts 96-0795, 96-0920 and 97-0895, Agency Procurement Compliance Monitors may review contract documents and any files or records related to procurements, and will report to the Chief Procurement Officer on procurement issues that may require action, and to further report on corrective action not taken by state personnel. Additionally, the Procurement Compliance Monitors may monitor the procurement process for appropriate actions and transparency.

36. PUBLICITY

Contractor shall not, in any advertisement, including but not limited to contractor's website or any other type of solicitation for business, state, indicate or otherwise imply that it has been endorsed by or is currently or has previously been under contract with the Illinois Tollway nor shall the Illinois Tollway's name be used in any such advertisement or solicitation without the prior written approval of the Illinois Tollway.

37. RESPONSIBLE BIDDER AFFIDAVIT

Public Act 97-0369 amended the Illinois Procurement Code to require a "Responsible Bidder" to submit a signed affidavit stating that the Bidder shall maintain an Illinois office as the primary place of employment for persons employed in the construction authorized by the contract. Therefore, in accordance with the Act the Illinois Tollway will request the "Responsible Bidder Affidavit" from the apparent low bidder, once the apparent low bidder has been determined.

38. REPORT OF A CHANGE IN CIRCUMSTANCES

The contractor agrees to report to the Tollway as soon as practically possible, but no later than twenty-one (21) days following any change in facts or circumstances that might impact the contractor's ability to satisfy its legal or contractual responsibilities and obligations under this contract. Required reports include, but are not limited to changes in the contractor's certification/disclosure forms, the contractor's

IDOT pre-qualification status, or certification or licensing required for this project. Additionally, the contractor agrees to report to the Tollway within the above timeframe any arrests, indictments, convictions or other matters involving the contractor, or any of its principals, that might occur while this contract is in effect. The reporting requirement does not apply to common offenses, including but not limited to minor/traffic offenses.

Further, the contractor agrees to incorporate substantially similar reporting requirements into the terms of any and all subcontractors relating to work performed under this agreement. The contractor agrees to forward or relay to the Tollway any reports received from subcontractors pursuant to this paragraph within twenty-one (21) days.

Finally, the Contractor acknowledges and agrees that the failure of the contractor to comply with this reporting requirement shall constitute a material breach of contract which may result in this contract being declared void.

39. **RECORD RETENTION AND AUDIT**

The contractor shall maintain in the State of Illinois, for a minimum of five (5) years from the latter of the date of completion of the contract or the date of final payment under the contract, adequate books, records, and supporting documents from an accounting system maintained in accordance with generally accepted accounting principles to verify the amounts, recipients, uses and methods of all disbursements of funds passing in conjunction with the contract. The five (5) year record maintenance period shall be extended for the duration of any audit in progress at the time of that period's expiration. The contractor shall at its own expense make such records available in a timely manner for inspection and audit (including copies and extracts of records) as required by the Auditor General and other State Auditors, Chief Procurement Officer, the IDOT, and the Tollway's Inspector General, Internal Audit or other Tollway agents at all reasonable times and without prior notice.

The obligations of this Section shall be explicitly included in any subcontracts or agreements formed between the contractor and any subcontractors or suppliers of goods and services to the extent that those subcontracts or agreements relate to fulfillment of the contractor's obligations to the Tollway. Such subcontractor shall be required to comply with the terms and conditions of this Section and the Tollway shall be entitled to enforce a breach of that contract.

Any audit adjustment will be submitted on a final invoice for any underpayment or overpayment to the contractor or its subcontractors. The contractor shall promptly reimburse the Tollway for any overpayment, or the Tollway at its option may deduct any overpayment from any funds due the contractor, whether those funds are due under this contract or other contracts to which the contractor is a party either directly with the Tollway or as a subcontractor. In the event the contractor fails or refuses to reimburse the Tollway for an overpayment, the contractor shall be responsible for all costs, including attorney fees, incurred by the Tollway to collect such overpayment.

Failure to maintain or make available the books, records, and supporting documents required by this Section shall establish a presumption in favor of the Tollway for recovery of any funds paid by the Tollway under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.

The contractor shall reimburse the Tollway for the total costs of an audit that identifies significant findings

that would benefit the Tollway, including but not limited to reasonable attorney's fees and other expenses. Significant findings for the purposes of this provision shall be identified as an amount in excess of $50,000 in aggregate of the audit report or findings of material performance or compliance deficiencies.

If the contractor fails to comply with these requirements, the contractor may be disqualified or suspended from bidding on or working on future contracts.

40. INSPECTOR GENERAL

The vendor/contractor hereby acknowledges that pursuant to Section 8.5 of the Toll Highway Act (605 ILCS 10/8.5) the Inspector General of the Illinois State Toll Highway Authority has the authority to conduct investigations into certain matters including but not limited to allegations of fraud, waste and abuse, and to conduct reviews. The vendor/contractor shall fully cooperate in any OIG investigation or review. Cooperation includes providing access to all information and documentation related to the goods/services described in this agreement, and disclosing and making available all personnel involved or connected with these goods/services or having knowledge of these goods/services. All subcontracts must inform Subcontractors of this provision and their duty to comply.

41. ACCEPTANCE OF SCANNED SIGNATURES

Unless otherwise specified, the parties agree that bids, contracts, certifications and disclosures, and other contract related documents to be entered into in connection with the resulting contract will be considered signed when the signature of a party is delivered by scanned image (e.g. .pdf or .tiff file extension name) as an attachment to electronic mail (email). Such scanned signature will be treated in all respects as having the same effect as an original wet ink signature.

42. EXPATRIATED ENTITIES

Except in limited circumstances, no business or member of a unitary business group, as defined in the Illinois Income Tax Act, shall submit a bid for or enter into a contract with a State agency if that business or any member of the unitary business group is an expatriated entity.

PART II: Bid Requirements

Bid	Return with Bid
Bid Listing All Addenda	Return with Bid
Bid Bond	Return with Bid
Forms A or Forms B Disclosures	Return with Bid
Disadvantaged Business Enterprise DBE 2026 and DBE 2023 (if required) (Additional details including form DBE 2025(s) will be requested from the apparent low Bidder.)	Return with Bid
Veteran Small Business Participation VOSB 2026 and VOSB 2023 (if required) (Additional details including form VOSB 2025(s) will be requested from the apparent low Bidder.)	Return with Bid
Equal Employment Opportunity Program	Will be Requested from the Apparent Low Bidder
Bid Credit Program, if applicable	Return with Bid
I.D.O.T. Certificate of Eligibility (if required)	Return with Bid
Affidavit	Return with Bid
Responsible Bidder Affidavit	Will be Requested from the Apparent Low Bidder
Bidder Preferences	Return with Bid
Bidder List of Individual Contacts	Return with Bid
Plant and Equipment Questionnaire	Will be Requested from the Apparent Low Bidder
Illinois Tollway Standard Terms and Conditions	Return with Bid
Secretary of State Certificate of Good Standing	Will be Verified by the Tollway
State Board of Elections	Will be verified by the Tollway
Illinois Department of Human Rights	Will be verified by the Tollway

Prevailing Wage rates for Cook County effective Sept. 1, 2017

Trade Title	Region	Type	Class	Base Wage	Fore-man Wage	M-F OT	OSA	OSH	H/W	Pension	Vacation	Training
ASBESTOS ABT-GEN	ALL	ALL		41.20	42.20	1.5	1.5	2	14.65	12.32	0.00	0.50
ASBESTOS ABT-MEC	ALL	BLD		37.46	39.96	1.5	1.5	2	11.62	11.06	0.00	0.72
BOILERMAKER	ALL	BLD		48.49	52.86	2	2	2	6.97	19.61	0.00	0.90
BRICK MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90
CARPENTER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
CEMENT MASON	ALL	ALL		44.25	46.25	2	1.5	2	14.00	17.16	0.00	0.92
CERAMIC TILE FNSHER	ALL	BLD		38.56	38.56	1.5	1.5	2	10.65	11.18	0.00	0.68
COMM. ELECT.	ALL	BLD		43.10	45.90	1.5	1.5	2	8.88	13.22	1.00	0.85
ELECTRIC PWR EQMT OP	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRIC PWR GRNDMAN	ALL	ALL		39.39	55.50	1.5	1.5	2	9.12	13.02	0.00	2.43
ELECTRIC PWR LINEMAN	ALL	ALL		50.50	55.50	1.5	1.5	2	11.69	16.69	0.00	3.12
ELECTRICIAN	ALL	ALL		47.40	50.40	1.5	1.5	2	14.33	16.10	1.00	1.18
ELEVATOR CONSTRUCTOR	ALL	BLD		51.94	58.43	2	2	2	14.43	14.96	4.16	0.90
FENCE ERECTOR	ALL	ALL		39.58	41.58	1.5	1.5	2	13.40	13.90	0.00	0.40
GLAZIER	ALL	BLD		42.45	43.95	1.5	1.5	2	14.04	20.14	0.00	0.94
HT/FROST INSULATOR	ALL	BLD		50.50	53.00	1.5	1.5	2	12.12	12.96	0.00	0.72
IRON WORKER	ALL	ALL		47.33	49.33	2	2	2	14.15	22.39	0.00	0.35
LABORER	ALL	ALL		41.20	41.95	1.5	1.5	2	14.65	12.32	0.00	0.50
LATHER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
MACHINIST	ALL	BLD		47.56	50.06	1.5	1.5	2	7.05	8.95	1.85	1.47
MARBLE FINISHERS	ALL	ALL		33.95	33.95	1.5	1.5	2	10.45	15.52	0.00	0.47
MARBLE MASON	ALL	BLD		44.63	49.09	1.5	1.5	2	10.45	16.28	0.00	0.59
MATERIAL TESTER I	ALL	ALL		31.20	31.20	1.5	1.5	2	14.65	12.32	0.00	0.50
MATERIALS TESTER II	ALL	ALL		36.20	36.20	1.5	1.5	2	14.65	12.32	0.00	0.50
MILLWRIGHT	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63

OPERATING ENGINEER	ALL	BLD	1	50.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	2	48.80	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	3	46.25	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	4	44.50	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	5	53.85	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	6	51.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	BLD	7	53.10	54.10	2	2	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	FLT	1	55.90	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	2	54.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	3	48.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	4	40.25	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	5	57.40	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	FLT	6	38.00	55.90	1.5	1.5	2	18.05	13.60	1.90	1.30
OPERATING ENGINEER	ALL	HWY	1	48.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	2	47.75	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	3	45.70	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	4	44.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	5	43.10	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	6	51.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
OPERATING ENGINEER	ALL	HWY	7	49.30	52.30	1.5	1.5	2	18.80	14.35	2.00	1.30
ORNAMNTL IRON WORKER	ALL	ALL		46.75	49.25	2	2	2	13.90	19.79	0.00	0.75
PAINTER	ALL	ALL		45.55	51.24	1.5	1.5	1.5	11.56	11.44	0.00	1.87
PAINTER SIGNS	ALL	BLD		37.45	42.05	1.5	1.5	2	2.60	3.18	0.00	0.00
PILEDRIVER	ALL	ALL		46.35	48.35	1.5	1.5	2	11.79	18.87	0.00	0.63
PIPEFITTER	ALL	BLD		47.50	50.50	1.5	1.5	2	10.05	17.85	0.00	2.12
PLASTERER	ALL	BLD		42.75	45.31	1.5	1.5	2	14.00	15.71	0.00	0.89
PLUMBER	ALL	BLD		49.25	52.20	1.5	1.5	2	14.34	13.35	0.00	1.28
ROOFER	ALL	BLD		42.30	45.30	1.5	1.5	2	9.08	12.14	0.00	0.58
SHEETMETAL WORKER	ALL	BLD		43.50	46.98	1.5	1.5	2	11.03	23.43	0.00	0.78
SIGN HANGER	ALL	BLD		31.31	33.81	1.5	1.5	2	4.85	3.28	0.00	0.00

SPRINKLER FITTER	ALL	BLD		47.20	49.20	1.5	1.5	2	12.25	11.55	0.00	0.55
STEEL ERECTOR	ALL	ALL		42.07	44.07	2	2	2	13.45	19.59	0.00	0.35
STONE MASON	ALL	BLD		45.38	49.92	1.5	1.5	2	10.45	16.68	0.00	0.90
TERRAZZO FINISHER	ALL	BLD		40.54	40.54	1.5	1.5	2	10.65	12.76	0.00	0.73
TERRAZZO MASON	ALL	BLD		44.38	47.88	1.5	1.5	2	10.65	14.15	0.00	0.82
TILE MASON	ALL	BLD		45.49	49.49	1.5	1.5	2	10.65	13.88	0.00	0.86
TRAFFIC SAFETY WRKR	ALL	HWY		33.50	35.85	1.5	1.5	2	6.00	7.25	0.00	0.50
TRUCK DRIVER	E	ALL	1	35.60	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	2	35.85	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	3	36.05	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	E	ALL	4	36.25	36.25	1.5	1.5	2	8.56	11.50	0.00	0.15
TRUCK DRIVER	W	ALL	1	35.98	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	2	36.13	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	3	36.33	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TRUCK DRIVER	W	ALL	4	36.53	36.53	1.5	1.5	2	8.25	10.14	0.00	0.15
TUCKPOINTER	ALL	BLD		45.42	46.42	1.5	1.5	2	8.32	15.42	0.00	0.80

Legend

M-F OT Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OSA Overtime pay required for every hour worked on Saturdays

OSH Overtime pay required for every hour worked on Sundays and Holidays

H/W Health/Welfare benefit

Explanations COOK COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. ASBESTOS - MECHANICAL - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble, holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under: Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum;

Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors, All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.;

Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine - Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

Class 6. ROV Pilot, ROV Tender

TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

TRAFFIC SAFETY

Effective November 30, 2018, the description of the traffic safety worker trade in this County is as follows: Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary, non-temporary or permanent lane, pavement or roadway markings, and the installation and removal of temporary road signs.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST & WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

BID

CONTRACT NO. I-19-4464

Bids will be received by The Illinois State Toll Highway Authority at its offices, 2700 Ogden Avenue, Downers Grove, Illinois, 60515 until 10:30:00 a.m., local time, November 5, 2019 and immediately thereafter publicly opened and read aloud.

TO THE CHAIRMAN OF THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY:

The undersigned hereby proposes to perform: **Widening I-57, Reconstruction of I-57 bridges over 147th Street, new CD Road Bridges over 149th, 147th and Dixie Highway, construction of CD Roads A and C, Ramp H associated drainage, signage and pavement markings and delineation, traffic barriers, maintenance of traffic, erosion and sediment control, installing surveillance systems and restoration of landscaping.**

The services will be performed within the: **Tri-State Tollway (I-294) between Mile Post 7.0 and Mile Post 8.5 and along Interstate 57 (IDOT Jurisdiction), between Mile Post 349.2 and Mile Post 350.6 in Cook County, Illinois.**

The undersigned declares that the Advertisement for Sealed Bids, Instructions to Bidders, this Bid Form, IDOT Standard Specifications, Tollway Supplemental Specifications, Special Provisions, Plans, Addenda to the foregoing (if any), form of Agreement, forms of Contract Bonds, and other exhibits (if any), on file at the office of The Illinois State Toll Highway Authority have been carefully examined, and that the undersigned has inspected in detail the site of the proposed Work, and familiarized itself with all of the conditions affecting the Contract, and that has satisfied itself as to The Work to be done and the conditions under which it must be carried out, and understands that in submitting this Bid waives all rights to plead any misunderstanding regarding the same.

The undersigned hereby tenders this Bid to construct and complete said Work in accordance with the Plans, IDOT Standard Specifications, Tollway Supplemental Specifications (if any), and the accompanying Special Provisions now on file in the office of The Illinois State Toll Highway Authority, and the following addenda issued thereto:

Addendum No. 1 Date 10.17.2019

Addendum No. 2 Date 10.28.2019

Addendum No. 3 Date 10.31.2019

Addendum No. _____ Date _____

The undersigned further agrees to furnish all necessary transportation, machinery, equipment, tools, labor and other means of construction; and to do all the work and to furnish all of the materials specified in the Contract in the manner and at the times prescribed under the supervision and direction of the Authority or its authorized representatives, for the lump sums and unit prices quoted in the following Schedule of Prices:

Accompanying this Bid is a Bid Guarantee:

(a) Evidence by a bank draft, cashier's check or certified check on ___, Bank, for $_____, payable to The Illinois State Toll Highway Authority, or

(b) A Bid Bond in favor of the Authority for $ 5% , with a corporate surety authorized to do business in the State of Illinois.

In the event that this Bid shall be accepted by The Illinois State Toll Highway Authority, and the undersigned should fail to execute a Contract with and furnish the security required by the Authority, as set forth in the Standard Specifications, within ten (10) days after receipt of notice of the acceptance of the Bid, such draft or check shall become the property of the Authority, or if a Bid Bond has been submitted, the principal amount of said Bid Bond shall become immediately due and payable to the Authority; otherwise the Bid Guarantee will be returned to the Bidder upon written request, as soon as the Contract and Contract Bonds have been executed. If a bid Guarantee is secured by a check, the check will be returned to the Bidder.

Pursuant to the provisions of the Prevailing Wage Act, 820 ILCS 130, the undersigned, as part of its Bid for the construction of The Illinois State Toll Highway **Contract I-19-4464,** hereby stipulates that, if awarded a Contract on said Bid, it will pay the laborers, mechanics and other workers who are employed in the performance of such work hourly wages not less than the minimum hourly wages stated in the instructions to Bidders; and that its computations in arriving at said Bid are based on hourly wages not less than those stated in the instructions to Bidders; and that if a Contract be entered into under said Bid, the minimum hourly wage rates stated in the instructions to Bidders shall become and be a part of said Contract as provided by law.

It is understood that the quantities of work and material shown herein in the Schedule of Prices of the Bid are approximate only, and are subject to increase or decrease as provided in the Standard Specifications. Such increase or decrease shall in no manner affect the validity of the Contract.

On the acceptance of this Bid for said work, the undersigned will furnish and deliver the Performance and Payment Bonds, in the forms required and furnished by the Authority and included in the Contract Documents, with a corporate surety acceptable to the Authority and authorized to do business in the State of Illinois, conditioned as stated in said bonds.

The undersigned has also properly executed or caused to be executed by an officer thereof, if a corporation, the non-collusion affidavit filed with this Bid.

Unless otherwise specified, a current Illinois Department of Transportation "Certificate of Eligibility" shall be included with this bid, or shall be submitted within twenty-four (24) hours after the bid opening. **Failure to meet this requirement shall be grounds for rejection of the bid, per Article 102.13 of the Tollway Supplemental Specifications.**

The undersigned is aware that, completely filled out forms of the Authority entitled "Plant and Equipment Questionnaire" and "Current Contractual Obligations," will be requested from the apparent low Bidder once the apparent low Bidder is determined as required by the Tollway Supplemental Specifications.

It is agreed that time is of the essence of this Contract and that I (we) will, in the event of my (our) failure to complete the Contract within the time limit named above, pay to The Illinois State Toll Highway Authority liquidated damages in the amount stated in the Special Provision, based on the price(s) shown in the Schedule of Prices of the Bid.

The undersigned is (check one)
an individual ☐
a Partnership ☐
a Corporation ☒ under the laws of the State of New York

having principal office at 26-15 Ulmer St., College Point, NY 11354 and has furnished to the Authority the necessary evidence of authority to transact business in the State of Illinois, in accordance with Paragraph 10 of the Instructions to Bidders.

Signed and sealed this 1st day of November, 2019, by its Executive Vice President, thereunto duly authorized.

[redacted] (SEAL)

_____ (SEAL)

Affix Corporate Seal BY:

or Power of Attorney Where Applicable

Information below to be typed or printed where applicable.

INDIVIDUAL:

Name	Address

PARTNERSHIP - NAME AND ADDRESS OF GENERAL PARTNERS:

Name	Address

INCORPORATED:

Ashok Patel President	26-15 Ulmer St., College Point, NY 11354 Address
Uday Durg Arnav Amin Vice-President	26-15 Ulmer St., College Point, NY 11354 1011 Warrenville Road, Suite 195, Lisle, IL 60532 Address
Cesar Pereira Secretary	26-15 Ulmer St., College Point, NY 11354 Address
Martin Saitzyk Treasurer	26-15 Ulmer St., College Point, NY 11354 Address

Bid Notes

Each bid solicitation will have a contract-specific Bid Credit cap on the amount of Bid Credit that can be applied to the contract. This particular solicitation has a Bid Credit cap of $500,000.00. Any Bid Credits applied above and beyond the Bid Credit cap will not be considered.

A. Core Work shall be the sum of the unit prices supplied by the Bidder multiplied by the pay item quantity.
B. Unit prices for Contractor's Quality Program and Contingency Work will be supplied by the Illinois Tollway with the sum total of this work completed by the Illinois Tollway and included in the P-pages.
C. Base Bid will be calculated as: Total Amount of Core Work + Contractor's Quality Program + Total Amount of Contingency Work
D. Bid Credit is to include the total amount of Bid Credits applied to the bid
E. Award Criteria will be calculated by the Illinois Tollway and will be calculated as follows: Base Bid minus Bid Credit.

All Bid Credit Certificates used to arrive at the bid credit included on Bid Credit Line must be included in the original bid package. All Bid Credit Certificates applied to a successful bid will become null and void at the time the Bidder's award criteria figure is deemed the lowest most responsible and responsive bid and the bid is awarded by the Illinois Tollway's Board of Directors, at which time the Bid Credit Certificate shall not be available for inclusion in any other bid.

All blank spaces for bid prices must be filled in with the unit price, or lump sum price, and the total price for each and every item (which prices must be more than $0.00). Bids which do not contain a price for every item listed in the Schedule of Prices for the Contract being bid, will not be considered, unless alternate bids are requested.
The Contractor shall complete all work under this Agreement for the performance of Contract No. I-19-4464 as specified in S.P. 103.1

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	3531	$ 18.00	$ 63,558.00
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	2316	$ 21.00	$ 48,636.00
*	20100500	TREE REMOVAL, ACRES	ACRE	1.0	$ 9,000.00	$ 9,000.00
*	20200100	EARTH EXCAVATION	CU YD	20850	$ 35.00	$ 729,750.00
*	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	1805	$ 35.00	$ 63,175.00
	20400800	FURNISHED EXCAVATION	CU YD	142710	$ 0.01	$ 1,427.10
D1	20800150	TRENCH BACKFILL	CU YD	4186	$ 40.00	$ 167,440.00
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	78914	$ 1.50	$ 118,371.00
*	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	13267	$ 0.01	$ 132.67
	25000210	SEEDING, CLASS 2A	ACRE	7.5	$ 1,400.00	$ 10,500.00
	25000312	SEEDING, CLASS 4A	ACRE	12.25	$ 1,300.00	$ 15,925.00
	25000320	SEEDING, CLASS 5	ACRE	12.25	$ 3,400.00	$ 41,650.00
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	1056	$ 2.50	$ 2,640.00
	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	1	$ 500.00	$ 500.00
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	2354	$ 2.50	$ 5,885.00
	25100630	EROSION CONTROL BLANKET	SQ YD	193741	$ 0.90	$ 174,366.90
	25200110	SODDING, SALT TOLERANT	SQ YD	3492	$ 10.00	$ 34,920.00
	25200200	SUPPLEMENTAL WATERING	UNIT	4423	$ 0.01	$ 44.23
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	8268	$ 2.00	$ 16,536.00
	28100105	STONE RIPRAP CLASS A3	SQ YD	237	$ 45.00	$ 10,665.00
BDE	28200200	FILTER FABRIC	SQ YD	63	$ 10.00	$ 630.00
	28500400	ARTICULATED BLOCK REVETMENT MAT	SQ YD	36	$ 250.00	$ 9,000.00
*	30201500	LIME	TON	1000	$ 0.01	$ 10.00
*	30201600	FLY ASH	TON	1000	$ 0.01	$ 10.00
D1	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2383	$ 45.00	$ 107,235.00
D1	30300106	AGGREGATE SUBGRADE IMPROVEMENT 6"	SQ YD	10113	$ 9.00	$ 91,017.00
D1	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	87016	$ 16.10	$ 1,400,957.60

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D1	30300116	AGGREGATE SUBGRADE IMPROVEMENT 16"	SQ YD	105	$ 70.00	$ 7,350.00
	31102100	SUBBASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	110	$ 20.00	$ 2,200.00
D1	31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	54481	$ 22.63	$ 1,232,905.03
	35102000	AGGREGATE BASE COURSE, TYPE B 8"	SQ YD	984	$ 20.00	$ 19,680.00
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	29219	$ 0.01	$ 292.19
*	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	9686	$ 0.01	$ 96.86
	40600535	LEVELING BINDER (HAND METHOD), N70	TON	15	$ 214.11	$ 3,211.65
	40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	764	$ 113.37	$ 86,614.68
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	407	$ 67.10	$ 27,309.70
	40603065	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70	TON	142	$ 112.36	$ 15,955.12
	40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1983	$ 107.16	$ 212,498.28
	42000060	WELDED WIRE REINFORCEMENT	SQ YD	1449	$ 15.00	$ 21,735.00
	42000070	PAVEMENT CONNECTOR (HMA) FOR BRIDGE APPROACH SLAB	SQ YD	122	$ 163.54	$ 19,951.88
*	42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	2288	$ 120.00	$ 274,560.00
*	42000406	PORTLAND CEMENT CONCRETE PAVEMENT 9 1/4" (JOINTED)	SQ YD	8381	$ 60.00	$ 502,860.00
*	42000521	PORTLAND CEMENT CONCRETE PAVEMENT 11" (JOINTED)	SQ YD	30811	$ 62.00	$ 1,910,282.00
*	42000541	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQYD	515	$ 140.00	$ 72,100.00
	42001300	PROTECTIVE COAT	SQ YD	87756	$ 0.01	$ 877.56
*	42100200	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 9"	SQ YD	5992	$ 50.00	$ 299,600.00
*	42100340	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	1460	$ 80.00	$ 116,800.00
*	42100360	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"	SQ YD	662	$ 90.00	$ 59,580.00
*	42100615	PAVEMENT REINFORCEMENT	SQ YD	8114	$ 40.00	$ 324,560.00
*	42101112	LUG SYSTEM COMPLETE 12'	EACH	6	$ 30,000.00	$ 180,000.00
*	42101416	LUG SYSTEM COMPLETE 16'	EACH	1	$ 50,000.00	$ 50,000.00
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	17354	$ 5.75	$ 99,785.50
	42400800	DETECTABLE WARNINGS	SQ FT	97	$ 35.00	$ 3,395.00
D1	44000100	PAVEMENT REMOVAL	SQ YD	24350	$ 30.00	$ 730,500.00

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	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	5173	$ 4.11	$ 21,261.03
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4689	$ 5.00	$ 23,445.00
	44000600	SIDEWALK REMOVAL	SQ FT	10590	$ 5.00	$ 52,950.00
	44003100	MEDIAN REMOVAL	SQ FT	1470	$ 5.00	$ 7,350.00
	44004250	PAVED SHOULDER REMOVAL	SQ YD	20178	$ 8.00	$ 161,424.00
	44201696	CLASS D PATCHES, TYPE IV, 4 INCH	SQ YD	50	$ 120.00	$ 6,000.00
	44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	7171	$ 2.00	$ 14,342.00
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	1269	$ 15.00	$ 19,035.00
	48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	2463	$ 47.97	$ 118,150.11
	48203049	HOT-MIX ASPHALT SHOULDERS, 13"	SQ YD	8197	$ 68.80	$ 563,953.60
D1/*	48300600	PORTLAND CEMENT CONCRETE SHOULDERS 11"	SQ YD	18468	$ 60.00	$ 1,108,080.00
D1/*	48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	55	$ 69.00	$ 3,795.00
	50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2	$ 350,000.00	$ 700,000.00
	50102400	CONCRETE REMOVAL	CU YD	668	$ 700.00	$ 467,600.00
	50104400	CONCRETE HEADWALL REMOVAL	EACH	1	$ 1,000.00	$ 1,000.00
	50104650	SLOPE WALL REMOVAL	SQ YD	289	$ 120.00	$ 34,680.00
	50157300	PROTECTIVE SHIELD	SQ YD	5260	$ 70.85	$ 372,671.00
	50200100	STRUCTURE EXCAVATION	CU YD	13389	$ 20.00	$ 267,780.00
	50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	1383	$ 40.00	$ 55,320.00
GBSP	50300225	CONCRETE STRUCTURES	CU YD	3474.9	$ 550.00	$ 1,911,195.00
GBSP	50300255	CONCRETE SUPERSTRUCTURE	CU YD	4630.4	$ 900.00	$ 4,167,360.00
	50300260	BRIDGE DECK GROOVING	SQ YD	9470	$ 6.03	$ 57,104.10
	50300280	CONCRETE ENCASEMENT	CU YD	43.0	$ 309.69	$ 13,316.67
	50300300	PROTECTIVE COAT	SQ YD	16335	$ 1.99	$ 32,506.65
	50301350	CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD	1605.0	$ 550.00	$ 882,750.00
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1	$ 5,750,000.00	$ 5,750,000.00
	50500505	STUD SHEAR CONNECTORS	EACH	43728	$ 3.10	$ 135,556.80

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	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2106230	$ 1.20	$ 2,527,476.00
	50800515	BAR SPLICERS	EACH	670	$ 44.99	$ 30,143.30
	50800530	MECHANICAL SPLICERS	EACH	90	$ 44.99	$ 4,049.10
	51100100	SLOPE WALL 4 INCH	SQ YD	3262	$ 120.00	$ 391,440.00
	51201800	FURNISHING STEEL PILES HP14x73	FOOT	14703	$ 65.00	$ 955,695.00
	51202305	DRIVING PILES	FOOT	14703	$ 1.00	$ 14,703.00
	51203800	TEST PILE STEEL HP14x73	EACH	20	$ 2,500.00	$ 50,000.00
	51204650	PILE SHOES	EACH	452	$ 110.00	$ 49,720.00
	51500100	NAME PLATES	EACH	10	$ 750.00	$ 7,500.00
	52000110	PREFORMED JOINT STRIP SEAL	FOOT	565	$ 228.86	$ 129,305.90
	52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	34	$ 569.78	$ 19,372.52
	52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE II	EACH	17	$ 1,054.64	$ 17,928.88
	52100520	ANCHOR BOLTS, 1"	EACH	436	$ 165.00	$ 71,940.00
	52100540	ANCHOR BOLTS, 1 1/2"	EACH	68	$ 175.00	$ 11,900.00
	52200010	TEMPORARY SHEET PILING	SQ FT	2790	$ 25.00	$ 69,750.00
	52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	23894	$ 0.01	$ 238.94
	52200105	FURNISHING SOLDIER PILES (W SECTION)	FOOT	2405	$ 210.00	$ 505,050.00
	52200200	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	12182	$ 0.01	$ 121.82
	52200250	UNTREATED TIMBER LAGGING	SQ FT	5694	$ 0.01	$ 56.94
BDE	52200500	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	43967	$ 80.00	$ 3,517,360.00
BDE	54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2	$ 1,700.00	$ 3,400.00
BDE	54261324	CONCRETE END SECTION, STANDARD 542001, 24", 1:3	EACH	1	$ 2,860.00	$ 2,860.00
	550A0050	STORM SEWERS, CLASS A, TYPE 1 12"	FOOT	825	$ 70.00	$ 57,750.00
	550A0070	STORM SEWERS, CLASS A, TYPE 1 15"	FOOT	877	$ 50.00	$ 43,850.00
	550A0090	STORM SEWERS, CLASS A, TYPE 1 18"	FOOT	849	$ 55.00	$ 46,695.00
	550A0120	STORM SEWERS, CLASS A, TYPE 1 24"	FOOT	655	$ 65.00	$ 42,575.00
	550A0140	STORM SEWERS, CLASS A, TYPE 1 30"	FOOT	454	$ 80.00	$ 36,320.00

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	550A0160	STORM SEWERS, CLASS A, TYPE 1 36"	FOOT	993	$ 98.00	$ 97,314.00
	550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	770	$ 75.00	$ 57,750.00
	550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	498	$ 52.00	$ 25,896.00
	550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	2289	$ 60.00	$ 137,340.00
	550A0410	STORM SEWERS, CLASS A, TYPE 2 24"	FOOT	1172	$ 65.00	$ 76,180.00
	550A0450	STORM SEWERS, CLASS A, TYPE 2 36"	FOOT	367	$ 100.00	$ 36,700.00
	550A1010	STORM SEWERS, CLASS A, TYPE 4 24"	FOOT	5	$ 150.00	$ 750.00
	550A1050	STORM SEWERS, CLASS A, TYPE 4 36"	FOOT	22	$ 155.00	$ 3,410.00
	55100500	STORM SEWER REMOVAL 12"	FOOT	882	$ 20.00	$ 17,640.00
	55100700	STORM SEWER REMOVAL 15"	FOOT	5	$ 25.00	$ 125.00
	55101200	STORM SEWER REMOVAL 24"	FOOT	99	$ 25.00	$ 2,475.00
	55101600	STORM SEWER REMOVAL 36"	FOOT	36	$ 35.00	$ 1,260.00
	55101900	STORM SEWER REMOVAL 48"	FOOT	57	$ 45.00	$ 2,565.00
	58600101	GRANULAR BACKFILL FOR STRUCTURES	CU YD	3262	$ 40.00	$ 130,480.00
	58700300	CONCRETE SEALER	SQ FT	20074	$ 1.00	$ 20,074.00
	59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	1777	$ 25.00	$ 44,425.00
*	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	14	$ 298.18	$ 4,174.52
	60100060	CONCRETE HEADWALL FOR PIPE DRAINS	EACH	21	$ 440.90	$ 9,258.90
BDE	60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	663	$ 16.00	$ 10,608.00
	60108206	PIPE UNDERDRAINS, TYPE 2, 6"	FOOT	26914	$ 11.85	$ 318,930.90
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	12	$ 2,255.00	$ 27,060.00
	60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	$ 2,255.00	$ 6,765.00
	60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	8	$ 1,650.00	$ 13,200.00
	60201005	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	2	$ 2,115.00	$ 4,230.00
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	1	$ 2,115.00	$ 2,115.00
	60201310	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	5	$ 2,255.00	$ 11,275.00
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	17	$ 2,077.60	$ 35,319.20

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	60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	$ 3,200.00	$ 3,200.00
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	2	$ 1,580.00	$ 3,160.00
	60207205	CATCH BASINS, TYPE C, TYPE 4 FRAME AND GRATE	EACH	6	$ 1,620.00	$ 9,720.00
	60207605	CATCH BASINS, TYPE C, TYPE 8 GRATE	EACH	6	$ 1,195.00	$ 7,170.00
	60208210	CATCH BASINS, TYPE C, TYPE 20 FRAME AND GRATE	EACH	5	$ 1,530.00	$ 7,650.00
BDE	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	$ 2,436.50	$ 4,873.00
BDE	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	8	$ 2,436.50	$ 19,492.00
BDE	60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	2	$ 2,025.00	$ 4,050.00
BDE	60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	$ 3,155.00	$ 12,620.00
BDE	60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	$ 4,500.00	$ 4,500.00
BDE	60224005	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 8 GRATE	EACH	1	$ 4,250.00	$ 4,250.00
BDE	60224035	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 20 FRAME AND GRATE	EACH	1	$ 4,520.00	$ 4,520.00
BDE	60224445	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	$ 7,820.00	$ 7,820.00
	60235800	INLETS, TYPE A, TYPE 4 FRAME AND GRATE	EACH	3	$ 1,375.00	$ 4,125.00
	60236700	INLETS, TYPE A, TYPE 10 FRAME AND GRATE	EACH	4	$ 1,190.00	$ 4,760.00
	60236800	INLETS, TYPE A, TYPE 11 FRAME AND GRATE	EACH	4	$ 1,280.00	$ 5,120.00
	60237420	INLETS, TYPE A, TYPE 20 FRAME AND GRATE	EACH	4	$ 1,340.00	$ 5,360.00
	60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	3	$ 1,190.00	$ 3,570.00
D1	60250200	CATCH BASINS TO BE ADJUSTED	EACH	26	$ 410.00	$ 10,660.00
D1	60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	$ 635.00	$ 1,270.00
*	60255410	CATCH BASINS TO BE CLEANED	EACH	6	$ 550.00	$ 3,300.00
D1/*	60255500	MANHOLES TO BE ADJUSTED	EACH	42	$ 760.00	$ 31,920.00
D1/*	60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6	$ 995.00	$ 5,970.00
D1	60257900	MANHOLES TO BE RECONSTRUCTED	EACH	14	$ 2,510.00	$ 35,140.00
D1/*	60258200	MANHOLES TO BE RECONSTRUCTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	6	$ 2,745.00	$ 16,470.00
D1	60260100	INLETS TO BE ADJUSTED	EACH	6	$ 410.00	$ 2,460.00
	60270050	DRAINAGE STRUCTURES, TYPE 4 WITH TWO TYPE 20 FRAME AND GRATES	EACH	20	$ 6,684.00	$ 133,680.00

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	60270055	DRAINAGE STRUCTURES, TYPE 5 WITH TWO TYPE 22 FRAME AND GRATES	EACH	1	$ 9,250.00	$ 9,250.00
	60404910	FRAMES AND GRATES, TYPE 20	EACH	14	$ 420.00	$ 5,880.00
	60404930	FRAMES AND GRATES, TYPE 22	EACH	2	$ 900.00	$ 1,800.00
	60500050	REMOVING CATCH BASINS	EACH	40	$ 529.00	$ 21,160.00
	60500060	REMOVING INLETS	EACH	11	$ 285.00	$ 3,135.00
	60602800	CONCRETE GUTTER, TYPE B	FOOT	1474	$ 38.00	$ 56,012.00
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1550	$ 30.00	$ 46,500.00
	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2260	$ 32.00	$ 72,320.00
	60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	458	$ 36.00	$ 16,488.00
	60608800	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	51	$ 40.00	$ 2,040.00
	60610400	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	36	$ 36.50	$ 1,314.00
	60610900	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	51	$ 36.50	$ 1,861.50
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	6133	$ 5.00	$ 30,665.00
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	2033	$ 13.50	$ 27,445.50
	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	6538	$ 22.96	$ 150,112.48
	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	6	$ 1,100.23	$ 6,601.38
	63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	5	$ 1,085.63	$ 5,428.15
	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	$ 3,083.99	$ 18,503.94
	63100105	TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	1	$ 456.15	$ 456.15
	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	$ 3,323.43	$ 19,940.58
	63200310	GUARDRAIL REMOVAL	FOOT	7456	$ 5.34	$ 39,825.72
*	63700180	CONCRETE BARRIER, SINGLE FACE, 44 INCH HEIGHT	FOOT	101	$ 190.00	$ 19,190.00
*	63700380	CONCRETE BARRIER, VARIABLE CROSS-SECTION 44" HEIGHT	FOOT	5271	$ 135.00	$ 711,585.00
	63700900	CONCRETE BARRIER BASE	FOOT	101	$ 150.00	$ 15,150.00
	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	28425	$ 0.25	$ 7,106.25
	64300280	IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW) TEST LEVEL 3	EACH	8	$ 29,002.37	$ 232,018.96
	64301090	ATTENUATOR BASE	SQ YD	14	$ 150.00	$ 2,100.00

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	66400205	CHAIN LINK FENCE, 5'	FOOT	50	$ 26.49	$ 1,324.50
	66400305	CHAIN LINK FENCE, 6'	FOOT	4888	$ 25.15	$ 122,933.20
	66401700	CHAIN LINK GATES, 5' X 4' SINGLE	EACH	1	$ 1,523.44	$ 1,523.44
	66401800	CHAIN LINK GATES, 5' X 5' SINGLE	EACH	1	$ 1,538.04	$ 1,538.04
	66407200	CHAIN LINK GATES, 5' X 22' DOUBLE	EACH	1	$ 2,180.44	$ 2,180.44
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	9360	$ 0.01	$ 93.60
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	8	$ 885.00	$ 7,080.00
*	66901001	REGULATED SUBSTANCES PRE- CONSTRUCTION PLAN	L SUM	1	$ 2,300.00	$ 2,300.00
*	66901002	ON-SITE MONITORING OF REGULATED SUBSTANCES	CAL DA	400	$ 0.01	$ 4.00
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	$ 2,300.00	$ 2,300.00
BDE	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	7800	$ 0.60	$ 4,680.00
BDE	70300900	PAVEMENT MARKING TAPE, TYPE IV - LETTERS AND SYMBOLS	SQ FT	3449	$ 2.95	$ 10,174.55
BDE	70300904	PAVEMENT MARKING TAPE, TYPE IV 4"	FOOT	161165	$ 0.94	$ 151,495.10
BDE	70300905	PAVEMENT MARKING TAPE, TYPE IV 5"	FOOT	10471	$ 1.20	$ 12,565.20
BDE	70300906	PAVEMENT MARKING TAPE, TYPE IV 6"	FOOT	39026	$ 1.45	$ 56,587.70
BDE	70300908	PAVEMENT MARKING TAPE, TYPE IV 8"	FOOT	18827	$ 1.90	$ 35,771.30
BDE	70300912	PAVEMENT MARKING TAPE, TYPE IV 12"	FOOT	10514	$ 2.80	$ 29,439.20
BDE	70300924	PAVEMENT MARKING TAPE, TYPE IV 24"	FOOT	1113	$ 5.80	$ 6,455.40
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	15300.5	$ 35.00	$ 535,517.50
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	27812.5	$ 10.00	$ 278,125.00
*	70400500	TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	1075.0	$ 10.25	$ 11,018.75
	70800260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	14	$ 7,573.08	$ 108,023.12
	70600280	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3	$ 11,223.08	$ 33,669.24
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	25	$ 3,120.08	$ 78,002.00
	70600370	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, NARROW), TEST LEVEL 3	EACH	3	$ 3,120.08	$ 9,360.24
	72000100	SIGN PANEL - TYPE 1	SQ FT	14	$ 33.30	$ 466.20
	72000200	SIGN PANEL - TYPE 2	SQ FT	235	$ 24.50	$ 5,757.50

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	72000300	SIGN PANEL - TYPE 3	SQ FT	7837	$ 22.50	$ 176,332.50
	72100100	SIGN PANEL OVERLAY	SQ FT	7	$ 135.00	$ 945.00
	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	15	$ 240.00	$ 3,600.00
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	14	$ 24.50	$ 343.00
	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	167	$ 15.20	$ 2,538.40
	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	9160	$ 6.05	$ 55,418.00
	72400800	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	14	$ 400.00	$ 5,600.00
	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	14	$ 26.25	$ 367.50
	72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	52	$ 28.25	$ 1,469.00
	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	7	$ 42.65	$ 298.55
	72600100	MILE POST MARKER ASSEMBLY	EACH	3	$ 790.00	$ 2,370.00
	72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	13267	$ 2.60	$ 34,494.20
	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	36	$ 24.00	$ 864.00
	73000100	WOOD SIGN SUPPORT	FOOT	853	$ 31.00	$ 26,443.00
	73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	329	$ 740.00	$ 243,460.00
	73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	155	$ 655.00	$ 101,525.00
	73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	91	$ 1,040.00	$ 94,640.00
	73302150	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (24" X 5'-6")	FOOT	25	$ 1,525.00	$ 38,125.00
	73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	64	$ 770.00	$ 49,280.00
	73400100	CONCRETE FOUNDATIONS	CU YD	40.8	$ 1,520.00	$ 62,016.00
	73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	357.2	$ 1,600.00	$ 571,520.00
	73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2	$ 8,000.00	$ 16,000.00
	73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	3	$ 5,600.00	$ 16,800.00
	73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	4	$ 5,360.00	$ 21,440.00
	73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8	$ 300.00	$ 2,400.00
	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8	$ 580.00	$ 4,640.00
	73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	5	$ 2,285.00	$ 11,425.00

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	16646	$ 0.70	$ 11,652.20
	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	5407	$ 1.43	$ 7,732.01
	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2339	$ 2.88	$ 6,736.32
BDE	78003110	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 4"	FOOT	2090	$ 5.10	$ 10,659.00
BDE	78004355	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - INLAID - LINE 5"	FOOT	3400	$ 6.35	$ 21,590.00
	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1353	$ 5.70	$ 7,712.10
	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	35320	$ 0.61	$ 21,545.20
	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	6933	$ 1.20	$ 8,319.60
	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	12986	$ 1.42	$ 18,440.12
	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	6137	$ 3.00	$ 18,411.00
	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	373	$ 6.00	$ 2,238.00
	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	807	$ 47.00	$ 37,929.00
	78100300	REPLACEMENT REFLECTOR	EACH	461	$ 15.25	$ 7,030.25
	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	78	$ 8.53	$ 665.34
	78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	1646	$ 6.00	$ 9,876.00
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	405	$ 67.50	$ 27,337.50
D1	80400100	ELECTRIC SERVICE INSTALLATION	EACH	4	$ 1,510.00	$ 6,040.00
D1	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	$ 8,000.00	$ 8,000.00
D1	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	2221	$ 21.50	$ 47,751.50
D1	81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	135	$ 28.50	$ 3,847.50
D1	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	347	$ 38.00	$ 13,186.00
D1	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	3487	$ 38.50	$ 134,249.50
*	81028720	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1" DIA.	FOOT	69	$ 6.50	$ 448.50
D1	81028730	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/4" DIA.	FOOT	198	$ 5.50	$ 1,089.00
D1	81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	5495	$ 7.50	$ 41,212.50
D1	81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	3895	$ 34.00	$ 132,430.00
D1	81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	395	$ 54.50	$ 21,527.50

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D1	81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	35	$ 81.50	$ 2,852.50
D1	81101000	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL	FOOT	324	$ 107.00	$ 34,668.00
	81200230	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	525	$ 7.00	$ 3,675.00
	81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	46	$ 724.00	$ 33,304.00
	81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	39	$ 1,070.00	$ 41,730.00
	81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	2	$ 996.00	$ 1,992.00
	81300730	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16" X 14" X 6"	EACH	3	$ 1,780.00	$ 5,340.00
D1	81400100	HANDHOLE	EACH	1	$ 1,580.00	$ 1,580.00
TSC	81400200	HEAVY-DUTY HANDHOLE	EACH	8	$ 2,390.00	$ 19,120.00
D1	81603081	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	8315	$ 11.00	$ 91,465.00
D1	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	17665	$ 1.68	$ 29,677.20
D1	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	933	$ 1.80	$ 1,679.40
D1	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1866	$ 2.00	$ 3,732.00
D1	81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	6635	$ 2.15	$ 14,265.25
D1	81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	20060	$ 3.99	$ 80,039.40
D1	81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350 MCM	FOOT	2105	$ 11.00	$ 23,155.00
D1	81800300	AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	12450	$ 5.78	$ 71,961.00
D1	81800330	AERIAL CABLE, 3-1/C NO. 6 WITH MESSENGER WIRE	FOOT	1413	$ 5.50	$ 7,771.50
D1	81800400	AERIAL CABLE, 4-1/C NO. 2 WITH MESSENGER WIRE	FOOT	550	$ 8.00	$ 4,400.00
D1	82110016	LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION I	EACH	74	$ 2,130.00	$ 157,620.00
D1	82110022	LUMINAIRE, LED, UNDERPASS, WALL MOUNT, OUTPUT DESIGNATION E	EACH	20	$ 1,440.00	$ 28,800.00
D1	82110027	LUMINAIRE, LED, UNDERPASS, SUSPENDED, OUTPUT DESIGNATION E	EACH	26	$ 1,970.00	$ 51,220.00
D1	82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240 VOLT, 30 AMP	EACH	1	$ 5,180.00	$ 5,180.00
O1	83502900	LIGHT TOWER, 100 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	1	$ 50,000.00	$ 50,000.00
D1	83504700	LIGHT TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	13	$ 50,500.00	$ 656,500.00
D1	83505700	LIGHT TOWER, 130 FT. MOUNTING HEIGHT, LUMINAIRE MT. - 12	EACH	2	$ 60,600.00	$ 121,200.00
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	9.5	$ 233.00	$ 2,213.50

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	83700300	LIGHT TOWER FOUNDATION, 48" DIAMETER	FOOT	25.5	$ 998.00	$ 25,449.00
	83700350	LIGHT TOWER FOUNDATION, 54" DIAMETER	FOOT	293.0	$ 1,328.00	$ 389,104.00
	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	30	$ 482.00	$ 14,460.00
	84200804	REMOVAL OF POLE FOUNDATION	EACH	30	$ 448.00	$ 13,440.00
	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1	$ 413.00	$ 413.00
	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	2	$ 1,190.00	$ 2,380.00
	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	3	$ 552.00	$ 1,656.00
	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2	$ 748.00	$ 1,492.00
D1	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	$ 3,870.00	$ 7,740.00
	87200400	SPAN WIRE	FOOT	3334	$ 2.05	$ 6,834.70
	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	311	$ 1.25	$ 388.75
	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	255	$ 1.50	$ 382.50
TSC	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2181	$ 1.00	$ 2,181.00
	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	368	$ 2.00	$ 736.00
D1	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	12	$ 195.00	$ 2,340.00
TSC/D1	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	16	$ 745.00	$ 11,920.00
	87900200	DRILL EXISTING HANDHOLE	EACH	19	$ 453.00	$ 8,607.00
D1	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2	$ 872.00	$ 1,744.00
D1	88200110	TRAFFIC SIGNAL BACKPLATE, LOUVERED	EACH	2	$ 181.00	$ 362.00
D1	88600700	PREFORMED DETECTOR LOOP	FOOT	431	$ 20.50	$ 8,835.50
	89500100	RELOCATE EXISTING SIGNAL HEAD	EACH	3	$ 570.00	$ 1,710.00
	89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1	$ 432.00	$ 432.00
	89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	1	$ 224.00	$ 224.00
	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	3	$ 551.00	$ 1,653.00
	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	74249	$ 0.35	$ 25,987.15
	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	527	$ 2.05	$ 1,080.35
*	89502380	REMOVE EXISTING HANDHOLE	EACH	14	$ 448.00	$ 6,272.00

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	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	7	$ 522.00	$ 3,654.00
*	X0320025	CLOSED CIRCUIT TELEVISION CABINET, ATTACHED TO STRUCTURE	EACH	1	$ 13,700.00	$ 13,700.00
*	X0320622	FIELD MEASUREMENTS	L SUM	1	$ 50,000.00	$ 50,000.00
*	X0321750	REMOVE TEMPORARY CONCRETE BARRIER, STATE OWNED	FOOT	1862	$ 11.00	$ 20,482.00
GBSP	X0321963	MICRO-PILES	EACH	46	$ 5,000.00	$ 230,000.00
*	X0322208	TEMPORARY STORM SEWER PLUGS	EACH	5	$ 100.00	$ 500.00
*	X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1	$ 32,000.00	$ 32,000.00
*	X0322400	PILE EXTRACTION	EACH	26	$ 1,173.98	$ 30,523.48
*	X0322434	LIGHT TOWER, SERVICE PAD, SPECIAL	EACH	16	$ 15,928.00	$ 254,848.00
*	X0322924	RETAINING WALL REMOVAL	SQ FT	2979	$ 15.00	$ 44,685.00
*	X0322936	REMOVE EXISTING FLARED END SECTIONS	EACH	3	$ 238.00	$ 714.00
GBSP	X0323433	MICROPILE PROOF LOAD TEST	EACH	8	$ 5,000.00	$ 40,000.00
*	X0323710	REMOVE CONDUIT ATTACHED TO STRUCTURE	FOOT	15	$ 14.00	$ 210.00
TSC	X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	8	$ 2,580.00	$ 20,640.00
TSC	X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	2	$ 6,040.00	$ 12,080.00
*	X0324866	REMOVE AND REINSTALL SURVEILLANCE CABINET	EACH	7	$ 2,510.00	$ 17,570.00
D1	X0325085	TEMPORARY PAVEMENT (INTERSTATE)	SQ YD	9453	$ 55.00	$ 519,915.00
*	X0325201	SHOULDER RUMBLE STRIP REMOVAL	SQ YD	1313	$ 35.55	$ 46,677.15
*	X0326133	TEMPORARY WOOD POLE, 45 FEET, CLASS 5	EACH	6	$ 1,590.00	$ 9,540.00
*	X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, WITH 15 FT. MAST ARM	EACH	9	$ 1,980.00	$ 17,820.00
*	X0326266	ETHERNET SWITCH	EACH	1	$ 4,580.00	$ 4,580.00
*	X0326362	CONCRETE BARRIER BASE (SPECIAL)	FOOT	5454	$ 70.75	$ 385,870.50
*	X0326612	CAT 5 ETHERNET CABLE	FOOT	100	$ 1.35	$ 135.00
*	X0326836	REMOVE AND REINSTALL VIDEO CAMERA AND EQUIPMENT	EACH	1	$ 1,790.00	$ 1,790.00
TSC	X0326948	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 50 FT. MOUNTING HEIGHT	EACH	1	$ 4,510.00	$ 4,510.00
*	X0326949	CLOSED CIRCUIT TELEVISION CAMERA FOUNDATION, 30" DIAMETER	FOOT	7	$ 269.00	$ 1,883.00
*	X0326968	JUNCTION BOX, POLE OR POST MOUNTED	EACH	6	$ 826.00	$ 4,956.00

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INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION
AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	X0327004	TEMPORARY WOOD POLE, 60', CLASS 4	EACH	23	$ 1,570.00	$ 36,110.00
*	X0327032	TEMPORARY VIDEO DETECTION	EACH	2	$ 2,780.00	$ 5,560.00
*	X0327131	DRAINAGE STRUCTURES, NO. 1	EACH	3	$ 10,200.00	$ 30,600.00
BDE	X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	84326	$ 0.20	$ 16,865.20
*	X0327999	ANTI-GRAFFITI COATING	SQ FT	40876	$ 2.00	$ 81,752.00
*	X0350810	BOLLARD REMOVAL	EACH	2	$ 115.41	$ 230.82
*	X1400003	TEMPORARY WOOD POLE, 80 FT, CLASS 4, 15 FT. MAST ARM	EACH	34	$ 2,730.00	$ 92,820.00
TSC	X1400179	CLOSED CIRCUIT TELEVISION DOME CAMERA, HD	EACH	1	$ 4,770.00	$ 4,770.00
*	X1700084	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	82	$ 412.19	$ 33,799.58
*	X2040805	FURNISHED EXCAVATION (SPECIAL)	CU YD	40000	$ 0.01	$ 400.00
BDE	X2700012	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - LINE 8"	FOOT	4592	$ 7.85	$ 36,047.20
D1	X4060002	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, STONE MATRIX ASPHALT, 12.5, N80	TON	694	$ 125.28	$ 86,944.32
D1	X4060005	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT,12.5, N80	TON	4160	$ 121.18	$ 504,108.80
*	X4400198	CONCRETE BARRIER REMOVAL (SPECIAL)	FOOT	121	$ 78.21	$ 9,463.41
*	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	24653	$ 6.00	$ 147,918.00
*	X4403800	MEDIAN SURFACE REMOVAL	SQ FT	5760	$ 5.00	$ 28,800.00
GBSP	X5210150	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION 400K	EACH	34	$ 3,022.66	$ 102,770.44
*	X6430110	REMOVE IMPACT ATTENUATORS, SALVAGE	EACH	4	$ 996.18	$ 3,984.72
*	X6640050	CHAIN LINK FENCE, 42" ATTACHED TO STRUCTURE (SPECIAL)	FOOT	2773	$ 24.97	$ 69,241.61
*	X6640300	CHAIN LINK FENCE REMOVAL	FOOT	2927	$ 10.00	$ 29,270.00
*	X6640310	CHAIN LINK GATES REMOVAL	EACH	1	$ 1,000.00	$ 1,000.00
*	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	$ 250,000.00	$ 250,000.00
D1	X7010240	TRAFFIC CONTROL SURVEILLANCE (SPECIAL)	CAL DA	570	$ 1.00	$ 570.00
D1	X7010410	SPEED DISPLAY TRAILER	CAL MO	19	$ 450.00	$ 8,550.00
D1	X7011015	TRAFFIC CONTROL AND PROTECTION, (EXPRESSWAYS)	L SUM	1	$ 1,500,000.00	$ 1,500,000.00
D1	X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	700	$ 1.00	$ 700.00
BDE	X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	105485	$ 0.60	$ 63,291.00

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	X7035100	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	726	$ 3.00	$ 2,178.00
*	X7035104	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	FOOT	41506	$ 0.60	$ 24,903.60
*	X7035105	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	FOOT	4251	$ 0.70	$ 2,975.70
*	X7035106	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	FOOT	5077	$ 0.90	$ 4,569.30
*	X7035108	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	FOOT	16384	$ 1.45	$ 23,756.80
*	X7035112	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	FOOT	7818	$ 2.50	$ 19,545.00
*	X7040650	REMOVE TEMPORARY CONCRETE BARRIER	FOOT	638	$ 21.00	$ 13,398.00
*	X7333095	OVERHEAD SIGN STRUCTURE - SPAN (SPECIAL)	FOOT	190	$ 1,050.00	$ 199,500.00
*	X7830050	RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL	EACH	686	$ 5.00	$ 3,430.00
BDE	X7830076	GROOVING FOR RECESSED PAVEMENT MARKING 9"	FOOT	5051	$ 9.25	$ 46,721.75
*	X8100105	CONDUIT SPLICE	EACH	1	$ 315.00	$ 315.00
*	X8110458	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., STAINLESS STEEL	FOOT	30	$ 69.00	$ 2,070.00
D1	X8131168	JUNCTION BOX, NON-METALLIC, EMBEDDED IN STRUCTURE, 21" X 11" X 08"	EACH	2	$ 1,200.00	$ 2,400.00
D1	X8140115	HANDHOLE TO BE ADJUSTED	EACH	1	$ 1,290.00	$ 1,290.00
D1	X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	2	$ 32,700.00	$ 65,400.00
*	X8420113	REMOVAL OF UNDERPASS LIGHTING UNIT, SALVAGE	EACH	20	$ 373.00	$ 7,460.00
*	X8440102	RELOCATE EXISTING LUMINAIRE	EACH	1	$ 277.00	$ 277.00
TSC	X8710027	FIBER OPTIC CABLE 4 FIBERS, SINGLE MODE	FOOT	1182	$ 10.00	$ 11,820.00
TSC	X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	1394	$ 9.50	$ 13,243.00
TSC	X8730246	ELECTRIC CABLE IN CONDUIT, NO. 19 25 PAIR	FOOT	1217	$ 10.00	$ 12,170.00
TSC	X8730249	ELECTRIC CABLE IN CONDUIT, NO. 19 6/C	FOOT	492	$ 8.00	$ 3,936.00
TSC	X8730312	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 18 4/C, TWISTED, SHIELDED	FOOT	2153	$ 4.85	$ 10,442.05
*	X8730571	ELECTRIC CABLE IN CONDUIT, COAXIAL	FOOT	1563	$ 4.30	$ 6,720.90
TSC	X8850102	INDUCTION LOOP	FOOT	307	$ 43.00	$ 13,201.00
*	Z0001903	STRUCTURAL STEEL REMOVAL	POUND	19401	$ 1.50	$ 29,101.50
*	Z0004552	APPROACH SLAB REMOVAL	SQ YD	514	$ 40.00	$ 20,560.00
*	Z0010800	CLEANING DRAINAGE SYSTEM	FOOT	3012	$ 8.75	$ 26,355.00

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
GBSP	Z0012102	CONCRETE BRIDGE DECK SCARIFICATION (3/8 INCH)	SQ YD	7801	$ 15.21	$ 118,653.21
GBSP	Z0012193	BRIDGE DECK THIN POLYMER OVERLAY 3/8"	SQ YD	7801	$ 35.00	$ 273,035.00
D1/*	Z0018400	DRAINAGE STRUCTURE TO BE ADJUSTED	EACH	15	$ 700.00	$ 10,500.00
D1/*	Z0018600	DRAINAGE STRUCTURE TO BE RECONSTRUCTED	EACH	3	$ 2,100.00	$ 6,300.00
D1	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	400	$ 35.00	$ 14,000.00
D1	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	24	$ 1,480.00	$ 35,520.00
BDE	Z0034105	MATERIAL TRANSFER DEVICE	TON	4854	$ 8.51	$ 41,307.54
GBSP	Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	545	$ 30.00	$ 16,350.00
GBSP	Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	622	$ 35.00	$ 21,770.00
D1	Z0062456	TEMPORARY PAVEMENT	SQ YD	556	$ 60.00	$ 33,360.00
*	Z0073346	SLEEPER SLAB	SQ YD	90	$ 188.45	$ 16,960.50
*	JI211110	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	3504	$ 0.01	$ 35.04
*	JI213004	EXPLORATION TRENCH, UTILITIES (HAND EXCAVATION)	FOOT	120	$ 25.00	$ 3,000.00
*	JI213006	EXPLORATION TRENCH, UTILITIES (VACUUM EXCAVATION)	FOOT	160	$ 25.00	$ 4,000.00
*	JI262010	SUBGRADE FILTER FABRIC	SQ YD	11414	$ 1.40	$ 15,979.60
*	JI312022	STABILIZED SUBBASE - WMA, 3"	SQ YD	4207	$ 16.82	$ 70,781.74
*	JI312024	STABILIZED SUBBASE - WMA, 4"	SQ YD	1129	$ 34.25	$ 38,668.25
*	JI406107	ASPHALT TACK COAT	POUND	490	$ 0.01	$ 4.90
*	JI420010	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQ YD	3123	$ 61.21	$ 191,158.83
*	JI440010	CONCRETE MEDIAN BARRIER AND BASE REMOVAL	FOOT	38	$ 250.00	$ 9,500.00
*	JI481040	AGGREGATE SHOULDERS, TYPE B	TON	97	$ 40.06	$ 3,880.00
*	JI481070	AGGREGATE SHOULDERS SPECIAL, TYPE C	TON	256	$ 45.00	$ 11,520.00
*	JI482104	WARM-MIX ASPHALT SHOULDERS (6 IN.)	SQ YD	4338	$ 33.55	$ 145,539.90
*	JI482112	WARM-MIX ASPHALT SHOULDERS (9 IN.)	SQ YD	46	$ 85.93	$ 3,952.78
*	JI483400	PORTLAND CEMENT CONCRETE SHOULDERS (JOINTED) 9"	SQ YD	55	$ 69.00	$ 3,795.00
GBSP	JI503020	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	481	$ 450.00	$ 216,450.00
*	JI601300	PIPE UNDERDRAINS, 6" (SPECIAL)	FOOT	118	$ 20.00	$ 2,360.00

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	JI601320	PIPE UNDERDRAINS, FABRIC LINED TRENCH 6"	FOOT	4340	$ 15.00	$ 65,100.00
*	JI602184	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 20A FRAME AND GRATE	EACH	10	$ 2,255.00	$ 22,550.00
*	JI602231	INLETS, TYPE A, TYPE 20A FRAME AND GRATE	EACH	6	$ 1,340.00	$ 8,040.00
*	JI606015	GUTTER, TYPE G-2, MODIFIED	FOOT	1226	$ 35.00	$ 42,910.00
*	JI630004	GALVANIZED STEEL PLATE BEAM GUARDRAIL,TYPE A, 9 FOOT POSTS	FOOT	975	$ 29.86	$ 29,113.50
*	JI631112	TRAFFIC BARRIER TERMINAL, TYPE T1-A (SPECIAL)	EACH	1	$ 3,359.93	$ 3,359.93
*	JI631135	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	$ 3,498.63	$ 3,498.63
*	JI631140	TRAFFIC BARRIER TERMINAL, TYPE T10	EACH	1	$ 456.15	$ 456.15
*	JI637003	CONCRETE BARRIER, DOUBLE FACE, 42 INCH	FOOT	20	$ 331.02	$ 6,620.40
*	JI637013	CONCRETE BARRIER BASE, VARIABLE HEIGHT	FOOT	86	$ 112.89	$ 9,708.54
*	JI637014	CONCRETE BARRIER, DOUBLE FACE, VARIABLE HEIGHT	FOOT	19	$ 394.87	$ 7,502.53
*	JI637015	CONCRETE BARRIER, DOUBLE FACE, REINFORCED, VARIABLE HEIGHT	FOOT	28	$ 278.01	$ 7,784.28
*	JI637016	CONCRETE BARRIER, DOUBLE FACE, REINFORCED, VARIABLE HEIGHT, TRANSITION	FOOT	58	$ 279.40	$ 16,205.20
*	JI637052	CONCRETE BARRIER BASE, 7'	FOOT	20	$ 131.49	$ 2,629.80
*	JI637056	CONCRETE BARRIER BASE, VARIABLE HEIGHT, 7'	FOOT	19	$ 183.13	$ 3,479.47
*	JI664305	RIGHT-OF-WAY FENCE, TYPE 1, 6'	FOOT	1932	$ 14.69	$ 28,381.08
*	JI664310	CORNER POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	1	$ 674.62	$ 674.62
*	JI664315	PULL POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	4	$ 674.62	$ 2,698.48
*	JI664320	END POST, RIGHT-OF-WAY FENCE, TYPE 1	EACH	2	$ 674.62	$ 1,349.24
*	JI680120	SLOPED HEADWALL, TYPE III, 6", 1:3	EACH	4	$ 1,040.00	$ 4,160.00
*	JI680122	SLOPED HEADWALL, TYPE III, 15", 1:3	EACH	1	$ 1,980.00	$ 1,980.00
*	JI680125	SLOPED HEADWALL, TYPE III, 24", 1:3	EACH	2	$ 2,710.00	$ 5,420.00
*	JI680130	SLOPED HEADWALL, TYPE III, 6", 1:4	EACH	4	$ 1,140.00	$ 4,560.00
*	JI704000	TEMPORARY CONCRETE BARRIER	FOOT	4525	$ 45.00	$ 203,625.00
*	JI704005	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1688	$ 11.05	$ 18,652.40
*	JI782012	GUARDRAIL BARRIER DELINEATOR, REFLECTOR MARKER, TYPE B	EACH	13	$ 8.53	$ 110.89
*	JI782020	CONCRETE BARRIER DELINEATOR, REFLECTOR MARKER, TYPE C	EACH	47	$ 10.00	$ 470.00

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S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	JI782110	TERMINAL MARKER - DIRECT APPLIED	EACH	1	$ 42.65	$ 42.65
*	JI811280	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., STAINLESS STEEL	FOOT	30	$ 98.00	$ 2,940.00
*	JI821105	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	8	$ 785.00	$ 6,280.00
*	JI821114	TEMPORARY LUMINAIRE, LED, HIGHMAST, OUTPUT DESIGNATION J	EACH	34	$ 1,710.00	$ 58,140.00
*	JI986040	ELECTRIC CABLE NO. 18, 1-3 PAIR, TWISTED, SHIELDED	FOOT	1563	$ 5.50	$ 8,596.50
**	JS107361	APPLY DUST SUPPRESSION AGENTS	UNIT	1474	$ 0.01	$ 14.74
**	JS120100	TRAILER MOUNTED FULL MATRIX PORTABLE CHANGEABLE MESSAGE SIGNS	EACH	12	$ 4,000.00	$ 48,000.00
**	JS120710	ENERGY ATTENUATOR	EACH	1	$ 34,842.37	$ 34,842.37
**	JS120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	115	$ 35.00	$ 4,025.00
**	JS250220	SEEDING, CLASS 2E	ACRE	0.25	$ 1,600.00	$ 400.00
**	JS250305	SEEDING, CLASS 3E	ACRE	2.75	$ 2,300.00	$ 6,325.00
**	JS280020	MANAGEMENT OF EROSION AND SEDIMENT CONTROL	CAL. MO.	24	$ 250.00	$ 6,000.00
**	JS280050	SILT FENCE	FOOT	17465	$ 5.00	$ 87,325.00
**	JS280051	RE-ERECT SILT FENCE	FOOT	3493	$ 2.45	$ 8,557.85
**	JS280070	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	2403	$ 0.01	$ 24.03
**	JS280100	SUPER SILT FENCE	FOOT	480	$ 14.00	$ 6,720.00
**	JS280150	TEMPORARY STABILIZATION WITH STRAW MULCH	ACRE	18.5	$ 2,200.00	$ 40,700.00
**	JS280151	SAME-DAY STABILIZATION	SQ YD	26303	$ 0.01	$ 263.03
**	JS280180	RECTANGULAR INLET PROTECTION	EACH	53	$ 150.00	$ 7,950.00
**	JS280210	FILTER FABRIC INLET PROTECTION, BASKET TYPE	EACH	189	$ 190.00	$ 35,910.00
**	JS280305	TEMPORARY DITCH CHECKS	FOOT	524	$ 10.00	$ 5,240.00
**	JS670C00	FIELD OFFICE, TYPE C	CAL MO	24	$ 4,500.00	$ 108,000.00
**	JS671020	MOBILIZATION, TOLLWAY (MODIFIED)	L SUM	1	$ 3,600,000	$ 3600,000
*	JS701010	MAINTENANCE OF TRAFFIC	L SUM	1	$ 400,000.00	$ 400,000.00
**	JS733080	OVERHEAD SIGN STRUCTURE, SPAN TYPE (ALUMINUM) (80 FT)	FOOT	80	$ 1,110.00	$ 88,800.00
**	JS733100	OVERHEAD SIGN STRUCTURE, SPAN TYPE (ALUMINUM) (100 FT)	FOOT	100	$ 940.00	$ 94,000.00
**	JS733B30	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOOT	30	$ 1,740.00	$ 52,200.00

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**	JS733610	OVERHEAD SIGN STRUCTURE, AET RAMP ENTRANCE MONOTOBE TYPE (STEEL)	FOOT	39	$ 1,210.00	$ 47,190.00
**	JS733630	OVERHEAD SIGN STRUCTURE, AET RAMP EXIT MONOTOBE TYPE (STEEL)	FOOT	39	$ 900.00	$ 35,100.00
**	JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	169.4	$ 1,450.00	$ 245,630.00
**	JS734B10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE	CU YD	40.0	$ 1,590.00	$ 63,600.00
**	JS734F10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, RAMP MONOTUBE TYPE	CU YD	52	$ 1,660.00	$ 86,320.00
**	JS810875	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	190	$ 16.00	$ 3,040.00
**	JS810879	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 4" DIA.	FOOT	165	$ 21.50	$ 3,547.50
**	JS810881	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 6" DIA.	FOOT	420	$ 28.00	$ 11,760.00
**	JS812023	CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	2160	$ 7.00	$ 15,120.00
**	JS812027	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	330	$ 8.50	$ 2,805.00
**	JS813083	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	3	$ 2,080.00	$ 6,240.00
**	JS816072	UNIT DUCT, WITH 2-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	90	$ 10.50	$ 945.00
**	JS816076	UNIT DUCT, WITH 4-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (XLP-TYPE USE), 2" DIA. CNC	FOOT	575	$ 14.00	$ 8,050.00
*	JS817014	ELECTRIC CABLE IN CONDUIT NO. 14 3/C	FOOT	1563	$ 1.05	$ 1,641.15
**	JS817214	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2455	$ 1.45	$ 3,559.75
**	JS817215	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	9520	$ 1.95	$ 18,564.00
**	JS821100	LUMINAIRE, LED, HORIZONTAL MOUNT	EACH	11	$ 882.00	$ 9,702.00
**	JS830003	GROUND MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	1	$ 5,020.00	$ 5,020.00
**	JS830014	WALL MOUNTED LIGHT POLE, ALUMINUM, 50 FT., 15 FT. MAST ARM	EACH	10	$ 4,570.00	$ 45,700.00
**	JS835001	LIGHT POLE FOUNDATION (ROADWAY) STEEL HELIX (7 FT) OR CONCRETE	EACH	1	$ 1,510.00	$ 1,510.00
**	JS845001	MAINTAIN LIGHTING SYSTEM	L SUM	1	$ 22,100.00	$ 22,100.00
*	JT131526	PLAZA ELECTRICAL WORK	L SUM	1	$ 376,000.00	$ 376,000.00
*	JT131641	PREFABRICATED CONTROL BUILDING, LOCATION 1	L SUM	1	$ 105,000.00	$ 105,000.00
*	JT131651	CONTROL BUILDING FOUNDATION, LOCATION 1	L SUM	1	$ 51,626.06	$ 51,626.06
*	JT132700	VES CAMERA HIGH PRESSURE WASH SYSTEM	L SUM	1	$ 68,000.00	$ 68,000.00
*	JT135100	CONCRETE FILLED PIPE BOLLARDS	EACH	3	$ 1,500.00	$ 4,500.00
TSC	JT160192	FIBER OPTIC INNERDUCT 1" DIA.	FOOT	648	$ 7.50	$ 4,860.00

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*	JT211A11	SUBGRADE AGGREGATE 12 IN.	CU YD	5043	$ 41.00	$ 206,763.00
*	JT421380	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT AND SHOULDER (SPECIAL)(12 IN.)	SQ YD	191	$ 150.00	$ 28,650.00
*	JT421960	PAVEMENT REINFORCEMENT (12 IN.)	SQ YD	191	$ 35.84	$ 6,845.44
*	JT421999	PLAZA PAVEMENT GROOVING (LONGITUDINAL)	SQ YD	191	$ 46.54	$ 8,889.14
GBSP	JT525125	BONDED PREFORMED JOINT SEAL, 2IN.	FOOT	62	$ 70.68	$ 4,382.16
GBSP	JT570P51	PERFORMANCE BASED RETAINING WALL, LOCATION 1	L SUM	1	$ 1,500,000.00	$ 1,500,000.00
GBSP	JT570P52	PERFORMANCE BASED RETAINING WALL, LOCATION 2	L SUM	1	$ 350,000.00	$ 350,000.00
*	JT599040	REMOVAL OF EXISTING NOISE ABATEMENT WALL	SQ FT	16907	$ 10.00	$ 169,070.00
*	JT599P01	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 1	L SUM	1	$ 245,000.00	$ 245,000.00
*	JT599P02	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 2	L SUM	1	$ 300,000.00	$ 300,000.00
*	JT599P03	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 3	L SUM	1	$ 1,100,000.00	$ 1,100,000.00
*	JT599P04	PERFORMANCE BASED NOISE ABATEMENT WALL (PRECAST CONCRETE) NO. 4	L SUM	1	$ 600,000.00	$ 600,000.00
*	JT637050	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE BARRIER, 42 INCH	FOOT	1601	$ 130.50	$ 208,930.50
*	JT637054	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE, 44 INCH	FOOT	453	$ 131.79	$ 59,700.87
*	JT637056	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE, L-SHAPE, 44 INCH	FOOT	1511	$ 116.20	$ 175,578.20
*	JT637058	CONCRETE BARRIER BASE, REINFORCED, FOR SINGLE FACE BARRIER, 54 INCH	FOOT	116	$ 210.66	$ 24,436.56
*	JT637100	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 42"	FOOT	1601	$ 87.34	$ 139,831.34
*	JT637110	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 44"	FOOT	453	$ 85.66	$ 38,803.98
*	JT637115	CONCRETE BARRIER, SINGLE FACE, REINFORCED, L-SHAPE, 44"	FOOT	1511	$ 86.03	$ 129,991.33
*	JT637120	CONCRETE BARRIER, SINGLE FACE, REINFORCED, 54"	FOOT	116	$ 184.28	$ 21,376.48
*	JT640002	SNOW PROTECTION FENCE (SPECIAL)	FOOT	16	$ 50.00	$ 800.00
*	JT701030	SUPPLEMENTAL BARRICADE	EACH/DAY	330	$ 3.00	$ 990.00
*	JT701031	SUPPLEMENTAL SIGNING	SQ FT	425	$ 12.00	$ 5,100.00
*	JT701032	SUPPLEMENTAL FLASHING ARROW BOARD (PER DAY)	EACH/DAY	130	$ 10.00	$ 1,300.00
*	JT701033	SUPPLEMENTAL FLASHING ARROW BOARD (PER WEEK)	EACH/WEEK	32	$ 30.00	$ 960.00
*	JT701034	SUPPLEMENTAL FLASHING ARROW BOARD (PER MONTH)	EACH/MONTH	10	$ 120.00	$ 1,200.00
*	JT701035	SUPPLEMENTAL MAINTENANCE OF TRAFFIC	DAY	70	$ 90.00	$ 6,300.00

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION
AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	JT701052	TEMPORARY INFORMATION SIGNING-GROUND MOUNT, GREATER THAN 24 SQ FT IN AREA	SQ FT	50	$ 75.00	$ 3,750.00
*	JT701200	PORTABLE CHANGEABLE MESSAGE SIGN	CAL DAY	130	$ 75.00	$ 9,750.00
*	JT701210	PORTABLE CHANGEABLE MESSAGE SIGN	WEEK	32	$ 375.00	$ 12,000.00
*	JT701220	PORTABLE CHANGEABLE MESSAGE SIGN	CAL MO	10	$ 800.00	$ 8,000.00
*	JT720110	SIGN INSTALLATION, TYPE 2	SQ FT	240	$ 30.50	$ 7,320.00
*	JT720120	SIGN INSTALLATION, TYPE 3	SQ FT	5755	$ 8.75	$ 50,356.25
*	JT733950	MODIFY OVERHEAD SIGN STRUCTURE, SPAN TYPE	L SUM	1	$ 53,000.00	$ 53,000.00
*	JT780300	MULTI-POLYMER PAVEMENT MARKING - LINE 4"	FOOT	9613	$ 0.75	$ 7,209.75
*	JT780310	MULTI-POLYMER PAVEMENT MARKING - LINE 8"	FOOT	1206	$ 1.50	$ 1,809.00
*	JT780320	MULTI-POLYMER PAVEMENT MARKING - LINE 10"	FOOT	3818	$ 2.50	$ 9,545.00
*	JT780325	MULTI-POLYMER PAVEMENT MARKING - LINE 12"	FOOT	734	$ 3.55	$ 2,605.70
*	JT780JA1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 5" GROOVE	FOOT	9613	$ 0.48	$ 4,614.24
*	JT780JC1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 7" GROOVE	FOOT	1206	$ 0.92	$ 1,109.52
*	JT780JE1	GROOVING FOR RECESSED PAVEMENT MARKING LINES, 11" GROOVE	FOOT	3818	$ 1.25	$ 4,772.50
*	JT783005	WATERBLAST PAVEMENT MARKING REMOVAL WITH VACUUM RECOVERY	SQ FT	267	$ 10.00	$ 2,670.00
*	JT810874	UNDERGROUND CONDUIT, COILABLE NONMETALIC CONDUIT, SDR 11, 1 1/2" DIA.	FOOT	1260	$ 7.00	$ 8,820.00
*	JT900088	SETTLEMENT MONITORING	CAL MO	9	$ 2,000.00	$ 18,000.00
*	JT900521	EMBANKMENT MODIFICATION	CU YD	10000	$ 18.00	$ 180,000.00
						$ -
						$ -
					TOTAL AMOUNT OF CORE WORK	$ 62,664,559.20
*	JT155001	CONTRACTOR'S QUALITY PROGRAM	L SUM	1	$ 1,168,000.00	$ 1,168,000.00
*	JT154001	PAVEMENT PATCHING AND TRAFFIC CONTROL	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154002	DISPOSAL OF UNIDENTIFIED HAZARDOUS WASTE	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154004	SAWCUTTING AND REMOVAL OF EDGE DETERIORATION REPAIR	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154005	EMERGENCY PAVEMENT AND SHOULDER REPAIRS	UNIT	20000	$ 1.00	$ 20,000.00

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
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INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION
AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
*	JT154006	TEMPORARY IMPACT ATTENUATOR REPLACEMENT/REPAIR	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154007	TEMPORARY CONCRETE BARRIER WALL REPLACEMENT/REALIGNMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154008	UNFORESEEN ADDITIONAL MAINTENANCE OF TRAFFIC	UNIT	30000	$ 1.00	$ 30,000.00
*	JT154009	TEMPORARY TRAFFIC SIGNAL INSTALLATION AND MAINTENANCE	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154045	CONTRACT ALLOWANCE FOR COLO WEATHER PAVEMENT MARKINGS	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154067	CONTRACT ALLOWANCE FOR CONSTRUCTIONWORKS APPRENTICES	UNIT	100000	$ 1.00	$ 100,000.00
*	JT154078	CONTRACT ALLOWANCE FOR ILLINOIS STATE POLICE SERVICES	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154112	ALLOWANCE FOR ADDITIONAL ELECTRICAL AND COMMUNICATION WORK	UNIT	10000	$ 1.00	$ 10,000.00
*	JT154150	ALLOWANCE FOR STEEL COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154160	ALLOWANCE FOR FUEL COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154161	ALLOWANCE FOR BITUMINOUS MATERIALS COSTS ADJUSTMENT	UNIT	20000	$ 1.00	$ 20,000.00
*	JT154168	ALLOWANCE FOR HAUL ROAD MAINTENANCE	UNIT	40000	$ 1.00	$ 40,000.00
*	JT155100	COMMUNITY HIRING INCENTIVE	HOURS	100000	$ 1.00	$ 100,000.00
*	999ADJ45	CONSTRUCTIONWORKS APPRENCTICES WAGE RATE PAYMENT	HOUR		$ 15.00	$ -
	999NEG31	DAMAGE TO ELECTRICAL FACILITIES PER TOLLWAY SUPPL. SPEC. 107.30(b)	INC/DAY		$ (1,000.00)	
	999NEG32	LIQUIDATED DAMAGES FOR DELAY IN SUBMITTAL OF PROGRESS SCHEDULE PER S.P. 108.02 (e)	DAY		$ (300.00)	
	999NEG33	NON-COMPLIANCE WITH EROSION AND SEDIMENT CONTROL PER TOLLWAY SUPPL. SPEC 280.02 (b)(1)	INC/DAY		SEE NOTE 1	
	999NEG35	FAILURE TO RESPOND TO REGULATORY AGENCY REQUESTS, PER TOLLWAY SUPPL. SPEC. 280.02 (b) (2)	OCCUR		$ (25,000.00)	
	999NEG36	FAILURE TO COMPLY WITH OCCUPANCY DATE OR PROVIDE COMPLETE FACILITIES. FIELD OFFICE OR LAB PER STD. SUPPL. SPEC. 670.01 (b)	DAY		$ (500.00)	
	999NEG37	NON-COMPLIANCE WITH TOLLWAY MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b)(1)	INC/DAY		$ (2,500.00)	
	999NEG38	FAILURE TO RESPOND TO RE-ESTABLISH DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(2)	OCCUR		$ (2,500.00)	
	999NEG39	FAILURE TO RESPOND TO REPAIR IMPACT ATTENUATORS PER TOLLWAY SUPPL. SPEC. 701.01 (b)(3)	OCCUR		$ (2,500.00)	
	999NEG40	LOSS OR DAMAGE TO TOLLWAY OWNED DEVICES PER TOLLWAY SUPPL. SPEC. 701.01 (b)(4)	SQ. FT.		$ (100.00)	
	999NEG41	NON-COMPLIANCE WITH IDOT MAINTENANCE OF TRAFFIC PER TOLLWAY SUPPL. SPEC. 701.01 (b) (5)	INC/DAY		$ (2,500.00)	
	999NEG44	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.1	CAL. DAY		$ (12,000.00)	
	999NEG45	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.2	CAL. DAY		$ (12,000.00)	

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION
AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1.3	CAL. DAY		$ (12,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		$ (10,000.00)	
	999NEG53	NON-COMPLIANCE WITH CONTRACTOR QUALITY PROGRAM SPECIAL PROVISION	OCCUR		$ (1,000.00)	
TSC		LIQUIDATED DAMAGES FOR IDOT TSC COMMUNICATIONS INTERUPTION PER SPECIAL PROVISION FOR "TEMPORARY AERIAL CABLE WITH MESSENGER WIRE (FIBER OPTIC NO. 62.5/125 96F) "	HOUR		$ (5,000.00)	
D1		ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		$ (3,000.00)	
D1		TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		$ (5,000.00)	
D1		FAILURE TO MAINTAIN THE TRAFFIC SIGNAL INSTALLATION IN PROPER CONDITION PER MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION SPECIAL PROVISION	INC/DAY		$ (5,000.00)	
				TOTAL AMOUNT OF CONTINGENCY WORK + CONTRACTOR'S QUALITY PROGRAM (CQP)		$ 1,688,000.00

TOTAL AMOUNT OF CORE WORK + TOTAL AMOUNT OF CONTINGENCY WORK + CONTRACTOR'S QUALITY PROGRAM = TOTAL AMOUNT OF BASE BID	$ 64,352,559.20 PS
ECP BID CREDIT	$ 500,000.00
AWARD CRITERIA	$ 63,852,559.20 PS

Note 1: The deduction will be according to Article 280.02 (b) (1) Table A. The Contractor should leave the unit price blank.

OK
DF
11/5/19

Special Provison Legend:

*	INDICATES SPECIAL PROVISION
**	INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATION
***	INDICATES IDOT RECURRING/SUPPLEMENTAL SPECIAL PROVISIONS
BDE	INDICATES IDOT BDE SPECIAL PROVISIONS
D1	INDICATES IDOT DISTRICT 1 SPECIAL PROVISIONS
GBSP	INDICATES IDOT OR TOLLWAY GUIDE BRIDGE SPECIAL PROVISIONS
TSC	INDICATES IDOT TRAFFIC SYSTEMS CENTER SPECIAL PROVISIONS

OPENED 11/5 2019
BOND OR
CHECK ENCLOSED: YES__ NO__

No. 00701

Illinois State Toll Highway Authority

This Certifies that Judlau Contracting Inc. has earned a total of $745,542.16 through a Tollway Bid Credit Program and is using that credit toward a bid project convened by the Illinois State Toll Highway Authority with the understanding that the credit is fully endorsed by the Tollway.

In Witness Whereof, the said Corporation has caused this Certificate to be signed by its duly authorized officers and its Corporate Seal is to be hereunto affixed this 25-September-2019

Illinois Tollway

The owner of this certificate # 00701 is tendering $ 500,000 credits for use on bid for contract #I-19-4464 on (date) 11/05/2019. I understand that any credits not utilized for a winning bid will be returned.

Signed: [redacted]

Certificate No.

00701

Issued To:

Judlau Contracting Inc.

Dated:

September 25, 2019

In the Amount of:

$745,542.16

Certificate Issued By:

Issuance of this Certificate supersedes and voids all previously issued Certificates

Participants:

Pay Period

06/03/2019 - 08/18/2019

Chasity Winiecki, Peter Rychtarczyk, Alfredo Rodriguez, Thaer Othman, Abigail Orent, Cesar Jaramillo, Matthew Flores, Luis Campos, Josh Bilthuis, Francisco Alferez

Bids/Contracts:

None

Other Credits:

Return With Bid

ILLINOIS TOLLWAY

OPTION FOR
STEEL COST ADJUSTMENT

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of steel cost adjustments for all items of steel. Failure to indicate "Yes" for any item of work will make that item of steel exempt from steel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: I-19-4464

Company Name: Judlau Contracting, Inc.

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following items of work?

Metal Piling	Yes	☐
Structural Steel	Yes	☐
Reinforcing Steel	Yes	☐
Dowel Bars, Tie Bars and Mesh Reinforcement	Yes	☐
Guardrail	Yes	☑
Steel Traffic Signal and Light Poles, Towers and Mast Arms	Yes	☐
Metal Railings (excluding wire fence)	Yes	☐
Frames and Grates	Yes	☐

Signature: [redacted] **Date:** November 1, 2019

Return With Bid

ILLINOIS TOLLWAY

OPTION FOR
FUEL COST ADJUSTMENT

The bidder shall submit this completed form with his/her bid. Failure to submit the form or properly complete contract number, company name, and sign and date the form shall make this contract exempt of fuel cost adjustments in all categories. Failure to indicate "Yes" for any category of work at the time of bid will make that category of work exempt from fuel cost adjustment. After award, this form, when submitted shall become part of the contract.

Contract No.: I-19-4464

Company Name: Judlau Contracting, Inc.

Contractor's Option:

Is your company opting to include this special provision as part of the contract plans for the following categories of work?

Category A	Earthwork.	Yes ☐
Category B	Subbases and Aggregate Base Courses	Yes ☐
Category C	HMA Bases, Pavements and Shoulders	Yes ☐
Category D	PCC Bases, Pavements and Shoulders	Yes ☐
Category E	Structures	Yes ☐

Signature: [redacted] **Date:** November 1, 2019

Return with Bid

ILLINOIS TOLLWAY

OPTION FOR
BITUMINOUS MATERIALS COST ADJUSTMENTS

The bidder shall submit this completed form with his/her bid. Failure to submit the form, or failure to fill out the form completely, shall make this contract exempt of bituminous materials cost adjustments. After award, this form, when submitted, shall become part of the contract.

Contract No.: I-19-4464

Company Name: Judlau Contracting, Inc.

Contractor's Option:

Is your company opting to include this special provision as part of the contract?

Yes ☑ No ☐

Signature: [redacted] **Date:** November 1, 2019

FINANCIAL DISCLOSURES AND CERTIFICATIONS

ALERT:

YOUR BID WILL BE DEEMED NON-RESPONSIVE and will be REJECTED if Financial Disclosures / Certifications are not submitted with your bid!

All vendors responding to an Illinois Tollway solicitation must comply with Illinois Procurement Code 30 ILCS 500 -- specifically section 50-35 Financial Disclosures and Potential Conflicts of Interest. The Illinois Procurement Gateway (IPG) is a web based system that serves as the primary location for entering, organizing, and reviewing vendor information. The IPG allows prospective vendors to provide disclosures, registrations, and other documentation needed to do business with a State agency or university in advance of any particular procurement. It is highly recommended that vendors register on the Illinois Procurement Gateway at https://ipg/vendorreg.com

The submittal shall contain either FORMS A or FORMS B. Bids submitted without FORMS A or FORMS B shall be deemed non-responsive.

FORMS A section contains eight forms and shall be returned by Bidders that are not registered in the Illinois Procurement Gateway (IPG).

FORMS B contains three forms and shall be returned by Bidders that have a current, approved IPG registration.

Forms A Section

*Complete this section if you **are not using** an Illinois Procurement Gateway (IPG) Registration.*

https://www.illinoistollway.com/doing-business/construction-engineering/forms

1. Business and Directory Information
2. Illinois Department of Human Rights Public Contracts Number
3. Authorized to Do Business in Illinois
4. Standard Certifications
5. State Board of Elections
6. Disclosure of Business Operations in Iran
7. Financial Disclosures and Conflicts of Interest
8. Taxpayer Identification Number
9. Signature

Forms B Section

*Complete this section only if you **are using** a current, approved IPG Registration.*

https://www.illinoistollway.com/doing-business/construction-engineering/forms

1. Certification of Illinois Procurement Gateway Registration #
2. Certification Timely to this Solicitation
3. Disclosures of Lobbyist or Agent
4. Disclosure of Current and Pending Contracts
5. Signature

The Illinois Procurement Code requires the Tollway to collect financial disclosures from any known subcontractor with anticipated participation in excess of $50,000.00 at the time of the bid. Subcontractor disclosures will be requested from the successful Bidder for any

subcontractor identified in the bid immediately after the Bidder is determined to be the lowest responsive / responsible Bidder.

REMINDER TO VENDORS SUBMITTING FORMS B

Vendors intending to fulfill certification and disclosure requirements by supplying the State with their Illinois Procurement Gateway registration number, expiration date, and "FORMS B" documents must read this clarification document in its entirety.

VENDORS UTILIZING "FORMS B" MUST BE REGISTERED SPECIFICALLY WITH THE ILLINOIS PROCUREMENT GATEWAY TO BE DEEMED RESPONSIVE TO THIS SOLICITATION.

In order to verify that you are registered with the Illinois Procurement Gateway (IPG), please click on "Registered Vendor Directory" on the IPG homepage (https://ipg.vendorreg.com). Search for your Business Name. If your company does not appear in the search results, then you are not registered in the IPG.

To use FORMS B, vendors must be listed in the "Registered Vendor Directory" as described above, and provide a valid registration number with expiration date from the Illinois Procurement Gateway. Please note that it is possible for vendors who have registered with another government entity (such as the City of Chicago's Compliance and Certification portal) using the same portal software, to have a registration number and expiration date for a different (non-State of Illinois) application process. *Registration information from other government entities will not be accepted.*

If the "Registered Vendor Directory" does not list your company, then you must utilize the "FORMS A" option to meet the certification and disclosure requirements of this solicitation.

Every bid submitted to and contract executed by the State, and every subcontract subject to Section 20-120 of the Procurement Code shall contain a certification by the Bidder, contractor, or sub-contractor under the Section, and acknowledge that the Chief Procurement Officer may declare the related contract void if any of the certifications are false.

RESPONSIBLE BIDDER AFFIDAVIT
in accordance with
PUBLIC ACT 97-0369

CONTRACT NO: I-19-4464
(Enter Tollway Contract Number)

SUBMITTING BIDDER: Judlau Contracting, Inc.
(Enter Name of Firm)

ADDRESS: 1011 Warrenville Road, Suite 195

Lisle, IL 60532

STATE OF ILLINOIS)
) **SS**
COUNTY OF DuPAGE)

The Affiant, Arnav Amin, being first duly sworn, upon oath deposes and says:

1. That the Affiant is Executive Vice President of Judlau Contracting, Inc. who is the Bidder on the above referenced contract by the Illinois State Toll Highway Authority, hereinafter "Owner" for the contract known as I-19-4464 *(enter Tollway contract number)*, between the Bidder and the Owner;

2. The Affiant hereby states that the Bidder will maintain an Illinois office as the primary place of employment for persons employed in the construction authorized by said contract if contract is so awarded.

I am duly authorized to make this Affidavit. I know and understand the contents of this Affidavit, and all statements herein are true and correct.

[redacted]

SIGNATURE OF AFFIANT

SUBSCRIBED AND SWORN BEFORE ME THIS 1ST **DAY OF** NOVEMBER **, 20** 19 **.**

MARIA CACUCCIOLO
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
June 13, 2023

[redacted]

NOTARY PUBLIC

ILLINOIS STATE TOLL HIGHWAY AUTHORITY

PREFERENCES

The Illinois Procurement Code provides various preferences to promote business opportunities in Illinois.

Does Bidder make any claims for preferences? If so, please mark the applicable preference(s) and include the list of items that qualify for the preference at the end of this section and a description of why the preference applies. The State reserves the right to determine whether the preference indicated applies to Bidder.

☐ Resident Bidder (30 ILCS 500/45-10)

☐ Recycled Materials (30 ILCS 500/45-20)

☐ Recycled Paper (30 ILCS 500/45-25)

☐ Environmentally Preferable Supplies (30 ILCS 500/45-26)

☐ Illinois Correctional Industries (30 ILCS 500/45-30)

☐ Sheltered Workshops for the Severely Handicapped (30 ILCS 500/45-35)

☐ Gas Mileage (30 ILCS 500/45-40)

☐ Small Businesses (30 ILCS 500/45-45)

☐ Illinois Agricultural Products (30 ILCS 500/45-50)

☐ Corn-Based Plastics (30 ILCS 500/45-55)

☐ Disabled Veterans (30 ILCS 500/45-57)

☐ Vehicles Powered by Agricultural Commodity-Based Fuel (30 ILCS 500/45-60)

☐ Public Purchases in Other State (30 ILCS 520)

☐ Illinois Mined Coal Act (30 ILCS 555)

☐ Steel Products Procurement (30 ILCS 565)

☐ Veteran's Preference (330 ILCS 55)

☐ Procurement of Domestic Products (30 ILCS 517)

☐ Bio-based Products (30 ILCS 500/45-75)

Items that Qualify and Explanation:

_____

_____

_____

_____

Signature of Authorized Representative:

[redacted]

Printed Name of Authorized Representative:

Arnav Amin

Vendor Name:

Judlau Contracting, Inc.

Date:

November 1, 2019

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-19-4464

LIST OF INDIVIDUAL CONTACTS

The Bidder is hereby requested to list those individuals to be contacted for information regarding the analysis of the various portions of the Bid.

ITEM	INDIVIDUAL	TELEPHONE NO.	E-MAIL
Schedule of Prices	Arnav Amin	630.387.6060	arnav.amin@ohlna.com
Bid Guarantee	Paul Healy	614.457.7719	paul.healy@aon.com
DBE 2026	Arnav Amin	630.387.6060	arnav.amin@ohlna.com
EEO Program	Adam Ingber	718-554-2311	adam.ingber@ohlna.com
VOSB 2026	Arnav Amin	630.387.6060	arnav.amin@ohlna.com
Financial Disclosures Forms A or Forms B	Cesar Pereira	718-554-2320	cesar.pereira@ohlna.com
IDOT Certificate of Eligibility	Arnav Amin	630.387.6060	arnav.amin@ohlna.com
Non-Collusion Affidavit – Page R-4	Cesar Pereira	718-554-2320	cesar.pereira@ohlna.com

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464

AFFIDAVIT

State of Illinois)
) SS
County of DuPage)

The undersigned, being first duly sworn, on his/her oath deposes and says:

That his/her name is Arnav Amin, and he/she resides at DuPage County, and his/her office is at 1011 Warrenville Rd. #195, Lisle, IL 60532. That he/she makes, and is authorized to make

this affidavit on behalf of Judlau Contracting, Inc., a
(Name of Corporation, Partnership, etc.)

Corporation, formed under the laws of New York
(Sole proprietorship, corporation, partnership, etc.) (Name of State)

of which he/she is Executive Vice President.
(Sole owner, partner, president, etc.)

That this Bid (of which this Affidavit is a part) for the construction of a portion of The Illinois State Toll Highway System, described in **Contract No. I-19-4464** is submitted in good faith and not as a speculation or to be assigned or relinquished and will be executed and fulfilled by said Bidder, according to its terms, if accepted, and according to the Plans and Specifications for said construction, that this Bid is made without reference to any other Bid, that this Bidder has not offered to or received from any person, firm, board, commission, trustee or corporation any sum of money or consideration for the making of said Bid; that no inducement of any form or character other than that which appears upon the face of the Bid will be suggested, offered, paid or delivered to any person whatsoever to influence the acceptance of the said Bid or awarding of the Contract, nor has this Bidder any agreement or understanding of any kind whatsoever, with any person whomsoever to pay, deliver to, or share with any other person in any way or manner, any of the proceeds of the Contract sought by this Bid; that said Bidder has not directly or indirectly made any arrangements, contract, or understanding with any other Bidder or Bidders concerning the amount of said Bid, nor has such Bidder in any way colluded, conspired, connived, or agreed in any manner or form, with any person whomsoever to influence any Bid for said Contract, directly or indirectly.

[redacted]
(Affiant)

Sworn to before me and subscribed in my presence this 1ST day of NOVEMBER, 2019.

[redacted]
(Notary Public)

My Commission Expires: JUNE 13, 2023

MARIA CACUCCIOLO
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
June 13, 2023

CONTRACT NO. I-19-4464

PLANT AND EQUIPMENT QUESTIONNAIRE

The Signatory of this questionnaire guarantees the truth and accuracy of all statements and of all answers to interrogatories hereinafter made.

1. KEY PERSONNEL

Identify the personnel whom, if the contract is awarded to you, will manage and supervise the work. List the General Manager or Superintendent through Shift Foreman.

(USE BLACK INK ONLY)

NAME	TITLE OR POSITION IN THE FIRM	FUNCTION ON THIS PROJECT	YEARS WITH THE FIRM	YEARS OF EXPERIENCE IN SUPERVISING THIS TYPE OF WORK
SEE ATTACHED				



JUDLAU
OHL Group

KEY PERSONNEL

NAME	FIELD OF EXPERTISE	PRESENT POSITION WITH APPLICANT FORM	YEARS OF RELATED EXPERIENCE
Ashok Patel	Heavy Civil Construction	CEO	30+
Uday Durg	Heavy Civil Construction	Executive Vice President	30+
Cesar Pereira	Heavy Civil Construction	General Counsel/Vice President	10+
Warren Goodman	Heavy Civil Construction	Director of Safety	10+
Martin Saitzyk	Heavy Civil Construction	Chief Financial Officer	20+
Arnav Amin	Heavy Civil Construction	Vice President – Central Division	20
Aaron Henneberg	Heavy Civil Construction	Senior Estimator Central Division	20
Shamik Amin	Heavy Civil Construction	Estimator – Central Division	8
Peter Console	Heavy Civil Construction	Operations Manager Central Division	30+
Wally Stoklosa	Heavy Civil Construction	Senior Project Manager Central Division	16
Jack Aitchison	Heavy Civil Construction	Senior Superintendent Central Division	30+
Barrett Pfeiffer	Heavy Civil Construction	Senior Superintendent Central Division	30+

1011 Warrenville Road, #195 ~ Lisle, Illinois 60532
Phone: 630.387.6040 ~ Fax: 331.777.5771

www.ohlna.com

CONTRACT NO. I-19-4464

PLANT AND EQUIPMENT QUESTIONNAIRE

2) The information furnished in these equipment lists 2a, 2b and 2c will be used to evaluate the Bidders' understanding of this project as well as the Bidder's capacity to carry out the project.

2a) EQUIPMENT OWNED

List the equipment which you now own that will be utilized on this contract, if awarded to you.

QUANTITY	UNIT	DESCRIPTION, SIZE, CAPACITY, ETC.	MANUFACTURER	YEAR OF MFR.	YOUR I.D. NO. OR CODE
SEE ATTACHED					

pendix 4

Schedule of Contractor's Equipment

lumber	Name	Present Condition	Year Manufactured	Date Purchased	Purchase Price	Depreciation	Book Value
1	CATERPILLAR SOIL COMPACTOR	Good	2014	11/07/14	$ 414,820	$ 269,101	$ 145,719
1	CATERPILLAR WHEEL EXCAVATOR MODEL M3	Good	2016	01/21/16	$ 274,251	$ 114,271	$ 159,980
1	750K CRAWLER DOZER 1T0750KXEFF280317	Good	2015	07/23/15	$ 246,317	$ 63,632	$ 182,685
1	750K CRAWLER DOZER 1T0750KXHFF284690	Good	2015	07/23/15	$ 240,432	$ 62,112	$ 178,320
1	764 HSD 1T00764XHFD284082	Good	2015	09/01/15	$ 303,779	$ 108,493	$ 195,287
1	ALLEN MODEL 60488 BRIDGE DECK FINISHER	Good	2015	11/02/15	$ 209,650	$ 69,883	$ 139,767
1	Komatsu PC360LC-10 K64151	Good	2015	07/25/15	$ 275,846	$ 101,800	$ 174,046
1	WF 720 PETERBILT MODEL 567 TRUCK TRACTO	Good	2016	04/10/16	$ 198,846	$ 72,910	$ 125,936
1	CATERPILLAR HYDRAULIC EXCAVATOR	Good	2014	11/07/14	$ 288,892	$ 187,409	$ 101,483
1	Komatsu PC290LC-11 A27158	Good	2015	07/25/15	$ 232,651	$ 85,859	$ 146,791
1	Komatsu PC290LC-11 A27162	Good	2015	07/25/15	$ 232,651	$ 85,859	$ 146,791
1	KOMATSU WA320-7 WHEEL LOADER A36365	Good	2015	08/21/15	$ 179,279	$ 64,028	$ 115,251
1	KOMATSU WA320-7 WHEEL LOADER A36365	Good	2016	05/27/16	$ 179,278	$ 64,028	$ 115,250
1	Caterpillar M315D Hyd Excavator	Good	2012	11/19/12	$ 718,206	$ 586,535	$ 131,671
1	CATERPILLAR WHEEL LOADER	Good	2014	11/07/14	$ 218,260	$ 141,589	$ 76,671
1	WF 719 PETERBILT MODEL 567 TRUCK TRACTO	Good	2016	03/01/16	$ 134,674	$ 53,870	$ 80,804
1	BIDWELL DECK FINISHER	Good	2016	09/06/16	$ 127,327	$ 27,288	$ 100,039
1	WF 718 VOLVO MODEL EW160D WHEELED EXC	Good	2016	03/01/16	$ 119,509	$ 47,804	$ 71,706
1	BOMAG MODE BW211D-50 COMPACTOR	Good	2016	02/01/16	$ 113,838	$ 47,432	$ 66,405
1	BOMAG MODE BW211D-50 COMPACTOR	Good	2016	02/01/16	$ 113,838	$ 47,432	$ 66,405
1	Hydraulic Excavator PC88MR-10	Good	2015	12/31/15	$ 112,922	$ 22,584	$ 90,338
1	Hydraulic Excavator PC88MR-10	Good	2015	12/31/15	$ 110,298	$ 22,060	$ 88,239
1	CAT M315D Excavator	Good	2009	10/02/09	$ 264,818	$ 209,647	$ 55,171
1	2005-CAT	Good	2005	08/31/09	$ 260,100	$ 221,085	$ 39,015
4	2012 John Deere 710K-4 PIECES	Good	2012	09/01/12	$ 497,640	$ 428,523	$ 69,117
1	2013 NEW CATERPILLAR M312D	Good	2013	04/12/13	$ 252,737	$ 189,553	$ 63,184
1	2013 NEW CATERPILLAR M312D	Good	2013	04/12/13	$ 246,310	$ 184,732	$ 61,577
1	WF 712 SPECTEC 2015 SRD305496	Good	2015	07/31/15	$ 82,235	$ 41,117	$ 41,117
1	Palfinger PK36002E Knuckle Crane 100061955: Gr	Good	#N/A	05/01/10	$ 178,533	$ 139,851	$ 38,682
1	2013 NEW CATERPILLAR M321D HYD EXCAVATOR	Good	2013	04/12/13	$ 232,289	$ 174,217	$ 58,072
1	CATERPILLAR COMPACT TRACK AND MULTI TE	Good	2016	12/07/16	$ 57,550	$ 14,388	$ 43,163
1	2010 PETERBUILT TRUCK	Good	2010	05/01/10	$ 133,226	$ 104,360	$ 28,866
1	2009 Cater-Excavator	Good	2009	05/06/09	$ 189,090	$ 167,030	$ 22,061
1	2009 Cater-Dump Truck	Good	2009	05/18/09	$ 152,833	$ 112,078	$ 40,755
1	2005-CAT	Good	2005	08/31/09	$ 260,100	$ 221,085	$ 39,015
1	FORD F-550 CHASSIS	Good	2016	02/05/16	$ 64,946	$ 27,019	$ 37,928
1	2010 WELLSFARGO	Good	2010	02/02/10	$ 110,821	$ 90,504	$ 20,317
1	INTERNATIONAL 4300 2009 5628	Good	2015	09/14/15	$ 87,381	$ 54,613	$ 32,768

Appendix

Schedule of C .ractor's Equipment

Number	Name	Present Condition	Year Manufactured	Date Purchased	Purchase Price	Depreciation	Book Value
1	INTERNATIONAL 4300 2009 5635	Good	2015	09/14/15	$ 87,381	$ 54,613	$ 32,768
2	Atlas-2013 Hydraulic Hammer-2 piece	Good	2013	02/05/13	$ 149,553	$ 117,150	$ 32,403
1	GMC SAVANA 3500	Good	2016	10/28/16	$ 33,024	$ 9,636	$ 23,389
1	2006 Kenworth T-800 Tractor	Good	2006	06/18/10	$ 88,500	$ 68,588	$ 19,913
1	2010 PETERBUILT TRUCK	Good	2010	05/01/10	$ 133,226	$ 104,360	$ 28,866
1	RAM 2500	Good	2016	10/28/16	$ 40,034	$ 11,505	$ 28,529
1	ISUZU NQR	Good	2016	01/27/16	$ 34,042	$ 14,657	$ 19,385
1	RAM 1500 2015 223R8M-1907406B	Good	2015	12/17/15	$ 32,994	$ 14,297	$ 18,697
1	RAM 1500 2015 223R7G 1907403B	Good	2015	12/17/15	$ 32,255	$ 13,977	$ 18,278
1	BUICK ENCLAVE 2015 222KRC	Good	2015	09/09/15	$ 49,954	$ 24,977	$ 24,977
1	RAM 1500 2015 223R8D 1907405B	Good	2015	12/17/15	$ 31,201	$ 13,520	$ 17,681
10	2010 CHEVY VANS-10 PIECES-2	Good	2010	06/19/12	$ 233,931	$ 209,369	$ 24,563
1	2015 RAM 1500 YK91C0	Good	2015	08/01/15	$ 37,448	$ 13,107	$ 24,341
1	2007 446D's	Good	2007	11/01/07	$ 286,460	$ 262,583	$ 23,877
1	2009 Cater-Excavator	Good	2009	#N/A	$ 189,090	$ 167,030	$ 22,061
1	2009 Volvo	Good	2009	03/01/09	$ 100,247	$ 78,527	$ 21,720
1	2014 RAM 1500 YK92C0	Good	2015	02/24/15	$ 31,639	$ 11,074	$ 20,565
1	2010 WELLSFARGO	Good	2010	#N/A	$ 110,821	$ 90,504	$ 20,317
1	2006 Kenworth T-800 Tractor	Good	2006	#N/A	$ 88,500	$ 68,588	$ 19,913
1	2015 RAM 1500 YK77C2	Good	2015	04/07/15	$ 30,297	$ 10,604	$ 19,693
1	VOLVO EW55B COMPACT WHEELED EXCAVAT	Good	#N/A	#N/A	$ 58,204	$ 38,840	$ 19,364
1	RAM 1500 2015 224286 1907407B	Good	2015	12/18/15	$ 34,094	$ 14,774	$ 19,320
1	2009 Grove	Good	2009	12/31/09	$ 64,400	$ 45,080	$ 19,320
1	CATERPILLAR 3-3 YEAR MAINTENANCE CONT	Good	2014	11/07/14	$ 61,700	$ 42,715	$ 18,985
1	RAM 1500 2015 2245KK 1907408B	Good	2015	12/18/15	$ 33,207	$ 14,390	$ 18,817
1	RAM 1500 2015 2245LA 1907409B	Good	2015	12/18/15	$ 32,629	$ 14,139	$ 18,490
1	RAM 1500 2015 223R86 1907404B	Good	2015	12/17/15	$ 32,349	$ 14,018	$ 18,331
1	CHEVROLET EXPRESS 2500	Good	2016	10/28/16	$ 26,117	$ 7,794	$ 18,323
1	RAM 1500 2015 223R6X 1907402B	Good	2015	12/17/15	$ 32,305	$ 13,999	$ 18,306
1	RAM 1500 2015 2009NY	Good	2015	08/01/15	$ 35,548	$ 17,774	$ 17,774
1	RAM 1500 2015 222F3W	Good	2015	09/02/15	$ 35,095	$ 17,548	$ 17,548
1	CHEVROLET EXPRESS 2500	Good	2016	09/07/16	$ 24,872	$ 7,462	$ 17,410
1	FORD TRANSIT CONNECT 2015 223LX5	Good	2016	12/18/15	$ 21,500	$ 4,300	$ 17,200
1	RAM 1500 2016 2226QY	Good	2015	11/18/15	$ 30,757	$ 13,841	$ 16,916
1	Chevrolet Express 2500 2015 YK01C5	Good	2015	06/09/15	$ 24,488	$ 7,755	$ 16,734
1	Chevrolet Express 2500 2015 YK02C5	Good	2015	06/09/15	$ 24,488	$ 7,755	$ 16,734
1	INTL 4300 TRUCK W/ ARROW BOARD & ATTEN	Good	2015	03/27/15	$ 40,000	$ 23,333	$ 16,667
1	INTL 4300 TRUCK W/ ARROW BOARD & ATTEN	Good	2015	03/27/15	$ 40,000	$ 23,333	$ 16,667

pendix 4

Schedule of Contractor's Equipment

umber	Name	Present Condition	Year Manufactured	Date Purchased	Purchase Price	Depreciation	Book Value
1	RAM 1500 2015 222SBY	Good	2015	09/28/15	$ 32,151	$ 15,540	$ 16,611
1	Chevrolet Express 2500 2015 YK99C4	Good	2015	06/09/15	$ 24,145	$ 7,646	$ 16,499
1	RAM 1500 2015 222SBK	Good	2015	09/28/15	$ 31,644	$ 15,295	$ 16,349
1	RAM 1500 2015 222SBW	Good	2015	09/28/15	$ 31,448	$ 15,200	$ 16,248
1	RAM 1500 2016 PICKUP	Good	2016	08/19/16	$ 25,324	$ 9,164	$ 16,160
1	CHEVROLET EXPRESS 2500 2014 222S3Q	Good	2014	09/21/15	$ 21,500	$ 10,392	$ 11,108
1	CHEVROLET EXPRESS 2500 2014 222S49	Good	2014	09/21/15	$ 21,500	$ 10,392	$ 11,108
1	CHEVROLET EXPRESS 2500 2014 222S4B	Good	2014	09/21/15	$ 21,500	$ 10,392	$ 11,108
1	CHEVROLET EXPRESS 2500 2014 222S4D	Good	2014	09/21/15	$ 21,500	$ 10,392	$ 11,108
1	RAM 1500 2016 2226SA	Good	2015	12/17/15	$ 28,073	$ 12,165	$ 15,908
1	RAM 1500 2016 PICKUP	Good	2016	08/19/16	$ 24,886	$ 9,032	$ 15,853
1	RAM 1500 2016 PICKUP	Good	2016	08/19/16	$ 24,225	$ 8,834	$ 15,390
1	GMC SAVANA 2500 2015 226NZH	Good	2016	04/30/16	$ 23,500	$ 8,617	$ 14,883
1	GMC SAVANA 2500 2015 226NZK	Good	2016	04/30/16	$ 23,500	$ 8,617	$ 14,883
1	GMC SAVANA 2500 2015 226NZ7	Good	2016	04/30/16	$ 23,500	$ 8,617	$ 14,883
1	RAM 1500 2015 YK43C6	Good	2015	06/09/15	$ 32,411	$ 17,826	$ 14,585
1	2003 Grove YB4415XT	Good	2003	04/21/08	$ 105,500	$ 91,433	$ 14,067
1	RAM 1500 2015 2009CJ	Good	2015	06/17/15	$ 29,629	$ 15,802	$ 13,827
3	2011 ISUZU BOX TRUCKS-3 PIECES	Good	2011	05/01/12	$ 204,415	$ 190,788	$ 13,628
1	2006 caterpillar	Good	2006	09/30/07	$ 203,011	$ 189,484	$ 13,527
1	2013 New Tramac V32 Hyda Hammer-New	Good	2013	03/01/13	$ 56,558	$ 43,361	$ 13,197
1	RAM 1500 2015 YK42C6	Good	2015	06/09/15	$ 27,985	$ 15,392	$ 12,593
2	Atlantic Toyota-2	Good	2012	01/09/13	$ 60,740	$ 48,592	$ 12,148
1	GMC SAVANA 2500 2014 223658	Good	2016	11/18/15	$ 21,500	$ 9,675	$ 11,825
1	GMC SAVANA 2500 2014 223659	Good	2016	11/18/15	$ 21,500	$ 9,675	$ 11,825
1	GMC SAVANA 2500 2014 22365G	Good	2016	11/18/15	$ 21,500	$ 9,675	$ 11,825
1	18 TON Boom Truck	Good	2007	07/06/07	$ 236,500	$ 224,680	$ 11,820
1	2009 Grove	Good	2009	#N/A	$ 64,400	$ 52,593	$ 11,807
1	RAM 1500 2015 YK40C6	Good	2015	06/09/15	$ 26,151	$ 14,383	$ 11,768
1	SUFFOLK	Good	2007	08/02/07	$ 68,607	$ 57,074	$ 11,533
1	RAM 1500 2015 YK41C6	Good	2015	06/09/15	$ 25,130	$ 13,821	$ 11,308
1	2015 FORD F150 SC	Good	2015	09/30/14	$ 35,617	$ 24,338	$ 11,279
1	TRAMAC 900 HYDRAULIC HAMMER	Good	#N/A	#N/A	$ 39,443	$ 28,267	$ 11,176
1	Sandvik Hydraulic Impact Hammer	Good	2012	05/31/12	$ 130,846	$ 119,942	$ 10,904
1	Land doll purchase	Good	2008	08/19/08	$ 62,611	$ 52,182	$ 10,429
1	2009 Volvo	Good	2009	#N/A	$ 100,247	$ 90,222	$ 10,025
1	2013 ISUZU NOR 17950 GVW CHASSIS	Good	2013	08/13/12	$ 70,222	$ 60,750	$ 9,473
1	2011 Isuzu NOR 17950 GVW CHASSIS	Good	2011	08/13/12	$ 68,304	$ 59,096	$ 9,208



Appendix

Schedule of C ractor's Equipment

Number	Name	Present Condition	Year Manufactured	Date Purchased	Purchase Price	Depreciation	Book Value
1	2004-BOOM	Good	2004	08/31/09	$ 33,716	$ 24,725	$ 8,991
1	WANCO MODEL WTLMB-A MESSAGE BOARD/S	Good	2015	10/13/15	$ 14,928	$ 6,220	$ 8,708
1	WANCO MODEL WTLMB-A MESSAGE BOARD/S	Good	2015	10/13/15	$ 14,928	$ 6,220	$ 8,708
1	WANCO MODEL WTLMB-A MESSAGE BOARD/S	Good	2015	10/13/15	$ 14,928	$ 6,220	$ 8,708
1	WANCO MODEL WTLMB-A MESSAGE BOARD/S	Good	2015	10/13/15	$ 14,928	$ 6,220	$ 8,708
1	WANCO MODEL WTLMB-A MESSAGE BOARD/S	Good	2015	10/13/15	$ 14,928	$ 6,220	$ 8,708
1	WANCO MODEL WTLMB-A MESSAGE BOARD/S	Good	2015	10/13/15	$ 14,928	$ 6,220	$ 8,708
1	WANCO MODEL WTLMB-A MESSAGE BOARD/S	Good	2015	10/13/15	$ 14,928	$ 6,220	$ 8,708
1	WANCO MODEL WTLMB-A MESSAGE BOARD/S	Good	2015	10/13/15	$ 14,928	$ 6,220	$ 8,708
1	PC50-UUT-2T HYD TRUCK	Good	2014	02/12/14	$ 20,400	$ 11,900	$ 8,500
3	Solar Light Towers-3 PIECES	Good	2012	10/25/12	$ 45,954	$ 38,295	$ 7,659
1	PETERBUILT	Good	2007	08/03/07	$ 125,900	$ 118,551	$ 7,349
3	Transcraft 45' Steel Flatbed Trailers-3 PIECES	Good	2012	05/31/12	$ 43,132	$ 35,943	$ 7,189
2	2012 Toyota Prus-2	Good	2012	07/17/12	$ 60,038	$ 53,033	$ 7,004
1	2014 CHEVY EXPRESS 2500 VAN	Good	2014	07/09/14	$ 25,118	$ 18,420	$ 6,698
1	COMPRESSOR 185CFM TIER 4	Good	#N/A	#N/A	$ 16,368	$ 9,821	$ 6,547
1	COMPRESSOR 185CFM TIER 4	Good	#N/A	#N/A	$ 16,368	$ 9,821	$ 6,547
1	COMPRESSOR 185CFM TIER 4	Good	#N/A	#N/A	$ 16,368	$ 9,821	$ 6,547
1	City Sandvik Hydraulic Hammer	Good	2012	05/31/12	$ 37,925	$ 31,604	$ 6,321
1	2014 CHEVY EXPRESS 2500 VAN	Good	2014	07/09/14	$ 22,940	$ 16,823	$ 6,117
1	2014 CHEVY EXPRESS 2500 VAN	Good	2014	07/09/14	$ 22,940	$ 16,823	$ 6,117
1	Ford Transit-250 2015 YK19C6	Good	2015	06/09/15	$ 13,408	$ 7,374	$ 6,033
1	2014 CHEVY EXPRESS 2500 VAN	Good	2014	07/09/14	$ 19,674	$ 14,427	$ 5,246
1	2004-BOOM	Good	2004	#N/A	$ 33,716	$ 28,659	$ 5,057
1	VMS 3-LINE 71X133 1210QS	Good	2015	02/27/15	$ 13,409	$ 8,416	$ 4,993
1	VMS 3-LINE 71X133 1210QS	Good	2015	02/27/15	$ 13,409	$ 8,416	$ 4,993
1	VMS 3-LINE 71X133 1210QS	Good	2015	02/27/15	$ 13,409	$ 8,416	$ 4,993
1	VMS 3-LINE 71X133 1210QS	Good	2015	02/27/15	$ 13,409	$ 8,492	$ 4,917
1	2012 Husqvarna FS6600 Concrete Saw	Good	2012	08/01/12	$ 34,746	$ 30,693	$ 4,054
1	United Rental-Mini Excavator	Good	2007	11/06/07	$ 46,100	$ 42,253	$ 3,847
1	VMS 3-LINE 71x133 1210QS	Good	2015	02/27/15	$ 13,409	$ 9,681	$ 3,728
1	VMS 3-LINE 71x133 1210QS	Good	2015	02/27/15	$ 13,409	$ 9,681	$ 3,728
1	VMS 3-LINE 71x133 1210QS	Good	2015	02/27/15	$ 13,409	$ 9,681	$ 3,728
1	VMS 3-LINE 71x133 1210QS	Good	2015	02/27/15	$ 13,409	$ 9,681	$ 3,728
1	VMS 3-LINE 71x133 1210QS	Good	2015	02/27/15	$ 13,409	$ 9,681	$ 3,728
1	VMS 3-LINE 71x133 1210QS	Good	2015	02/27/15	$ 13,409	$ 9,681	$ 3,728
3	Kaeser M57 210CFM Compressors-3 PIECES	Good	2012	06/05/12	$ 42,310	$ 38,784	$ 3,526

pendix 4

Schedule of Contractor's Equipment

lumber	Name	Present Condition	Year Manufactured	Date Purchased	Purchase Price	Depreciation	Book Value
1	Machinery and Equipment	Good	2008	05/01/08	$ 16,939	$ 14,257	$ 2,682
1	2007 GMC Sierra	Good	2007	10/01/07	$ 32,288	$ 29,864	$ 2,424
1	2007 GMC Sierra	Good	2007	10/01/07	$ 30,030	$ 27,771	$ 2,260
1	2013 GMC SIERRA 2500HD	Good	2013	08/17/12	$ 49,890	$ 47,642	$ 2,248
1	Rogers Tag20XXL Trailer	Good	2012	07/11/12	$ 20,510	$ 18,459	$ 2,051
1	2003 Grove YB441SXT	Good	2003	#N/A	$ 105,500	$ 103,742	$ 1,759
1	KAESER M100 375C COMPRESSOR W/ PARTS	Good	#N/A	#N/A	$ 44,516	$ 42,975	$ 1,541
1	95KY-GW-5559-21 DPF Sootfilter	Good	2012	01/10/13	$ 6,689	$ 5,351	$ 1,338
1	CAT HP Hammer Kit	Good	2012	05/31/12	$ 15,771	$ 14,457	$ 1,314
1	crw wire	Good	2007	08/09/07	$ 18,792	$ 17,551	$ 1,241
1	ADJ PRIOR YR TO TIE GL	Good	#N/A	#N/A	$ 3,670	$ 2,568	$ 1,102
3	Ranger 305G welding machines-3 PIECES	Good	2012	05/31/12	$ 13,215	$ 12,114	$ 1,101
1	ARROWBOARD-2S9US211XCS132563	Good	2012	08/13/12	$ 4,296	$ 3,795	$ 501
1	ARROWBOARD-2S9US2118CS132562	Good	2012	08/13/12	$ 4,296	$ 3,795	$ 501
1	ARROWBOARD-2S9US2114CS132560	Good	2012	07/18/12	$ 4,242	$ 3,747	$ 495
1	ARROWBOARD-2S9US2114CS132560	Good	2012	07/18/12	$ 4,242	$ 3,747	$ 495
1	X0800-0036-00-ELEC MONITOR	Good	2012	01/10/13	$ 2,186	$ 1,749	$ 437
1	BACK PRESSURE MONITOR LOGGER	Good	2012	01/10/13	$ 2,083	$ 1,666	$ 417
1	ARROWBOARD-2S9US2113CS132372	Good	2012	06/07/12	$ 4,296	$ 3,938	$ 358
1	ARROWBOARD-2S9US2111CS132371	Good	2012	06/07/12	$ 4,296	$ 3,938	$ 358
1	ARROWBOARD-2S9US2114CS132395	Good	2012	06/07/12	$ 4,296	$ 3,938	$ 358
1	ARROWBOARD-2S9US2116CS132396	Good	2012	06/07/12	$ 4,296	$ 3,938	$ 358
1	ARROWBOARD-2S9US2115CS132373	Good	2012	05/23/12	$ 4,242	$ 3,888	$ 354
1	ARROWBOARD-2S9US2117CS132374	Good	2012	05/23/12	$ 4,242	$ 3,888	$ 353
1	ARROWBOARD-S59US2115CS132289	Good	2012	05/14/12	$ 4,242	$ 3,959	$ 283
1	ARROWBOARD-2S9US2111CS132290	Good	2012	05/14/12	$ 4,242	$ 3,959	$ 283
1	2007 GMC Sierra	Good	2007	#N/A	$ 30,030	$ 30,023	$ 7
1	H.O. Penn Leasing-CAT M315C	Good	2006	10/01/06	$ 197,784	$ 197,778	$ 6
1	2007 446D's	Good	2007	#N/A	$ 286,460	$ 286,455	$ 5
1	2007 GMC Sierra	Good	2007	#N/A	$ 32,288	$ 32,286	$ 2
1	JOHN DEERE EXCAVATOR	Good	1996	10/16/96	$ 160,836	$ 160,836	$ -
1	KOMATSU WA320-3	Good	1997	08/20/97	$ 129,009	$ 129,009	$ -
1	INGERSOLL RAND DD90 ROLLER	Good	2000	08/14/00	$ 64,118	$ 64,118	$ -
1	APE 50E DRIVER/EXTRACTOR	Good	2000	08/25/00	$ 59,669	$ 59,669	$ -
1	CAT 320BL	Good	2000	09/15/00	$ 101,178	$ 101,178	$ -
1	CAT 320BL	Good	2000	09/15/00	$ 101,178	$ 101,178	$ -
1	KOMATSU WHEEL LOADER	Good	2002	05/01/02	$ 187,474	$ 187,474	$ -
1	COMPRESSOR 175 CFM	Good	2002	06/14/02	$ 22,733	$ 22,733	$ -

Appendix: Schedule of C. /actor's Equipment

Number	Name	Present Condition	Year Manufactured	Date Purchased	Purchase Price	Depreciation	Book Value
1	2003 PETERBILT	Good	2003	12/05/02	$ 54,180	$ 54,180	$ -
1	2003 Peterbilt	Good	2003	03/21/03	$ 96,693	$ 96,693	$ -
1	JLG Telescope & Knuckle Boom 60' 45'	Good	2003	05/30/03	$ 124,488	$ 124,488	$ -
1	JLG Forklift 544D	Good	2003	11/10/03	$ 115,602	$ 115,602	$ -
1	Dumptruck	Good	2015	12/31/14	$ 114,030	$ 114,030	$ -
1	Tractor	Good	2015	12/31/14	$ 79,296	$ 79,296	$ -
1	Palfinger Knuckle Boom Crane	Good	2005	08/09/05	$ 95,599	$ 95,599	$ -
1	2005 Sprint C-35005HC	Good	2005	10/18/05	$ 72,377	$ 72,377	$ -
1	Caterpillar Excavator Model M315C	Good	2005	11/15/05	$ 194,642	$ 194,642	$ -
1	Caterpillar M315C Rubber Tire Excavator	Good	2005	11/15/05	$ 190,740	$ 190,740	$ -
1	Caterpillar 446D Backhoe Loader	Good	2005	11/15/05	$ 143,055	$ 143,055	$ -
1	Komatsu Wheel Loader	Good	2006	01/03/06	$ 323,308	$ 323,308	$ -
1	2005 Peterbilt-W/Palfinger Crane	Good	2006	01/03/06	$ 25,772	$ 25,772	$ -
1	SMALL EQUIPMENT-UNITED RENTAL	Good	#N/A	#N/A	$ 99,103	$ 99,103	$ -
1	ARPIELLE EQUIPMENT CO.	Good	#N/A	#N/A	$ 29,179	$ 29,179	$ -
1	WHISPERWATT MODEL DCA-70SSJE GENERA	Good	#N/A	#N/A	$ 43,332	$ 43,332	$ -
1	WHISPERWATT MODEL DCA-70SSJE GENERA	Good	#N/A	#N/A	$ 43,332	$ 43,332	$ -
1	JLG MODEL 2630ES 24-26' SCISSOR LIFT	Good	#N/A	#N/A	$ 9,430	$ 9,430	$ -
1	JLG MODEL 1930ES 19' SCISSOR LIFT	Good	#N/A	#N/A	$ 9,576	$ 9,576	$ -
1	SKID STEER TRUCK LDR2000-2399	Good	#N/A	#N/A	$ 58,068	$ 58,068	$ -
1	SKID STEER TRUCK LDR2000-2399	Good	#N/A	#N/A	$ 58,068	$ 58,068	$ -
1	Light Tower	Good	#N/A	#N/A	$ 29,350	$ 29,350	$ -
1	210 CFM COMPRESSOR	Good	2012	08/14/12	$ 16,168	$ 16,168	$ -
1	210CFM COMPRESSOR	Good	2012	08/14/12	$ 16,168	$ 16,168	$ -
1	GMC SAVANA	Good	2000	11/21/99	$ 25,451	$ 25,451	$ -
1	2000 GMC SAVANA	Good	2000	07/25/00	$ 25,212	$ 25,212	$ -
1	1992 MACK TRACTOR	Good	1992	08/11/00	$ 32,000	$ 32,000	$ -
1	2001 GMC SAVANA	Good	2001	08/29/00	$ 24,866	$ 24,866	$ -
1	2001 STEP VAN	Good	2001	12/20/00	$ 39,395	$ 39,395	$ -
1	2001 WH P31442	Good	2001	01/08/01	$ 39,395	$ 39,395	$ -
1	2001 WH P31442	Good	2001	01/20/01	$ 39,395	$ 39,395	$ -
1	2002GMC 1500	Good	2002	01/01/02	$ 24,453	$ 24,453	$ -
1	2002 VW PASSAT	Good	2002	01/01/02	$ 34,007	$ 34,007	$ -
1	2002 GMC 1500	Good	2002	01/01/02	$ 30,561	$ 30,561	$ -
1	2002 VOLKSWAGON	Good	2002	04/13/02	$ 18,755	$ 18,755	$ -
1	2002 GMC 2500	Good	2002	05/30/02	$ 30,787	$ 30,787	$ -
1	WORKHOUSE P31442	Good	2002	12/21/02	$ 41,202	$ 41,202	$ -
1	2004 GMC SAVANA	Good	2004	11/17/03	$ 26,822	$ 26,822	$ -

pendix 4

Schedule of Contractor's Equipment

lumber	Name	Present Condition	Year Manufactured	Date Purchased	Purchase Price	Depreciation	Book Value
1	2005 GMC Savana 3500	Good	2005	08/16/04	$ 26,900	$ 26,900	$ -
1	2004 GMC 1500 4x2	Good	2004	08/23/04	$ 32,832	$ 32,832	$ -
1	2005 GMC SAVANA 3500	Good	2005	08/27/04	$ 27,155	$ 27,155	$ -
1	2005 GMC SAVANA 3500	Good	2005	09/27/04	$ 26,877	$ 26,877	$ -
1	2005 GMC SAVANA 3500	Good	2005	10/13/04	$ 25,889	$ 25,889	$ -
1	Gomaco C-450 Cylinder Concrete Finisher	Good	2005	02/01/05	$ 60,496	$ 60,496	$ -
1	2007YUKON LUX (Expense)	Good	2007	01/01/07	$ 28,278	$ 28,278	$ -
1	2007 GMC SAVANA2500	Good	2007	05/19/07	$ 32,723	$ 32,723	$ -
1	lexus	Good	2007	07/12/07	$ 87,077	$ 87,077	$ -
1	2007Gabriellitruck	Good	2007	07/13/07	$ 74,969	$ 74,969	$ -
1	2007Gabriellitruck	Good	2007	07/13/07	$ 89,208	$ 89,208	$ -
1	2008 gabriellitruck	Good	2008	08/09/07	$ 101,139	$ 101,139	$ -
1	2008 KENWORTH TRIAXLE BOOM	Good	2008	09/27/07	$ 122,202	$ 122,202	$ -
1	2008 KENWORTH TRIAXLE BOOM	Good	2008	09/27/07	$ 4,114	$ 4,114	$ -
1	2008 gabriellitruck	Good	2008	10/10/07	$ 70,833	$ 70,833	$ -
1	2008 gabriellitruck	Good	2008	12/19/07	$ 63,119	$ 63,119	$ -
1	2009 GabrielliTruck	Good	2009	03/03/09	$ 97,719	$ 97,719	$ -
1	2009-GMC	Good	2009	08/31/09	$ 85,024	$ 85,024	$ -
1	2010 YUKON HYBRID	Good	2010	04/01/10	$ 63,240	$ 63,240	$ -
1	Wells Fargo- Van Buren Isuzu 2	Good	2010	11/30/10	$ 67,894	$ 67,894	$ -
1	Wells Fargo- Van Buren Isuzu 2	Good	2010	11/30/10	$ 67,894	$ 67,894	$ -
1	CHEVY 1500 SILVERADO WORK TRUCK	Good	2014	12/12/13	$ 20,555	$ 20,555	$ -
1	FORD F450	Good	2014	03/12/14	$ 55,984	$ 55,984	$ -
1	Ford F150	Good	2014	04/21/14	$ 25,148	$ 25,148	$ -
1	2003 PETERBILT	Good	2003	#N/A	$ 54,180	$ 54,180	$ -
1	2003 Peterbilt	Good	2003	#N/A	$ 96,693	$ 96,693	$ -
1	2005 Sprint C-35005HC	Good	2005	#N/A	$ 72,377	$ 72,377	$ -
1	2005 Peterbilt-W/Palfinger Crane	Good	2005	#N/A	$ 25,772	$ 25,772	$ -
1	18 TON Boom Truck	Good		#N/A	$ 236,500	$ 236,500	$ -
1	2006 caterpillar	Good	2006	#N/A	$ 203,011	$ 203,011	$ -
1	2000 GMC SAVANA	Good	2000	#N/A	$ 25,212	$ 25,212	$ -
1	1992 MACK TRACTOR	Good	1992	#N/A	$ 32,000	$ 32,000	$ -
1	2001 GMC SAVANA	Good	2001	#N/A	$ 24,866	$ 24,866	$ -
1	2001 STEP VAN	Good	2001	#N/A	$ 39,395	$ 39,395	$ -
1	2001 WH P31442	Good	2001	#N/A	$ 39,395	$ 39,395	$ -
1	2001 WH P31442	Good	2001	#N/A	$ 39,395	$ 39,395	$ -
1	2002GMC 1500	Good	2002	#N/A	$ 24,453	$ 24,453	$ -
1	2002 VW PASSAT	Good	2002	#N/A	$ 34,007	$ 34,007	$ -

Appendix

Schedule of C. .ractor's Equipment

Number	Name	Present Condition	Year Manufactured	Date Purchased	Purchase Price	Depreciation	Book Value
1	2002 GMC 1500	Good	2002	#N/A	$ 30,561	$ 30,561	$ -
1	2002 VOLKSWAGON	Good	2002	#N/A	$ 18,755	$ 18,755	$ -
1	2002 GMC 2500	Good	2002	#N/A	$ 30,787	$ 30,787	$ -
1	2004 GMC SAVANA	Good	2004	#N/A	$ 26,822	$ 26,822	$ -
1	2005 GMC Savana 3500	Good	2005	#N/A	$ 26,900	$ 26,900	$ -
1	2004 GMC 1500 4x2	Good	2004	#N/A	$ 32,832	$ 32,832	$ -
1	2005 GMC SAVANA 3500	Good	2005	#N/A	$ 27,155	$ 27,155	$ -
1	2005 GMC SAVANA 3500	Good	2005	#N/A	$ 26,877	$ 26,877	$ -
1	2005 GMC SAVANA 3500	Good	2005	#N/A	$ 25,889	$ 25,889	$ -
1	2007YUKON LUX (Expense)	Good	2007	#N/A	$ 28,278	$ 28,278	$ -
1	2007 GMC SAVANA2500	Good	2007	#N/A	$ 32,723	$ 32,723	$ -
1	2007Gabriellitruck	Good	2007	#N/A	$ 74,969	$ 74,969	$ -
1	2007Gabriellitruck	Good	2007	#N/A	$ 89,208	$ 89,208	$ -
1	2008 gabriellitruck	Good	2008	#N/A	$ 101,139	$ 101,139	$ -
1	2008 KENWORTH TRIAXLE BOO	Good	2008	#N/A	$ 122,202	$ 122,202	$ -
1	2008 KENWORTH TRIAXLE BOO	Good	2008	#N/A	$ 4,114	$ 4,114	$ -
1	2008 gabriellitruck	Good	2008	#N/A	$ 70,833	$ 70,833	$ -
1	2008 gabriellitruck	Good	2008	#N/A	$ 63,119	$ 63,119	$ -
1	2009 GabrielliTruck	Good	2009	#N/A	$ 97,719	$ 97,719	$ -
1	2009-GMC	Good	2009	#N/A	$ 85,024	$ 85,024	$ -
1	2010 YUKON HYBRID	Good	2010	#N/A	$ 63,240	$ 63,240	$ -
	Totals						$ 4,933,722

CONTRACT NO. I-19-4464

PLANT AND EQUIPMENT QUESTIONNAIRE

2b) EQUIPMENT TO BE LEASED OR RENTED

List the equipment which you intend to rent or lease for this contract if awarded to you.

QUANTITY	UNIT	DESCRIPTION, SIZE, CAPACITY, ETC.	MANUFACTURER	YEAR OF MFR.	PROPOSED RENTER OR LESSOR
TO BE DETERMINED BASED ON AVAILABILITY					

CONTRACT NO. I-19-4464

PLANT AND EQUIPMENT QUESTIONNAIRE

2c) EQUIPMENT TO BE PURCHASED

List the equipment which you intend to purchase for this contract, if awarded to you. Include pneumatic and hydraulic tools, lighting equipment, mobile or portable service/repair equipment, and equipment to be used in maintenance of traffic.

QUANTITY	UNIT	DESCRIPTION, SIZE, CAPACITY, ETC.	MANUFACTURER	YEAR	APPROXIMATE COST
TO BE DETERMINED		BASED ON AVAILABILITY			

CONTRACT NO. I-19-4464

PLANT AND EQUIPMENT QUESTIONNAIRE

3. SUB-CONTRACT WORK

List below the portions of the work which will be performed by subcontractors, the pay items which they relate to, the approximate value of the work to be subcontracted, and the names of firms being considered.

SCOPE OF WORK	RELATED PAY ITEM	% OF TOTAL CONTRACT	APPROX. $ VALUE	IDENTIFIED CONTRACTOR
SEE ATTACHED				

4. MATERIALS COMMITMENTS

Have you entered into contracts for or received firm offers for the supply of all major materials which meet requirements of the specifications for this project? Yes [X] No [ ]

If your answer is NO, explain fully below or attach an explanation.

SCOPE OF WORK	RELATED PAY ITEM	% OF TOTAL CONTRACT	APPROX. $ VALUE	IDENTIFIED CONTRACTOR
PAINT/SEALING	VARIOUS	0.98%	640,000.00	LOTUS OPTIONS, INC
LANDSCAPING	VARIOUS	0.85%	550,000.00	LAREDO SYSTEMS
PAVEMENT MARKING	VARIOUS	0.66%	426,497.62	MAINTENANCE COATINGS CO.
TRAFFIC	VARIOUS	1.63%	1,060,000.00	SANCO TRAFFIC CONTRL
ASPHALT	VARIOUS	5.20%	3,381,420.00	METROMEX CONTRACTORS, INC.
ELECTRICAL	VARIOUS	1.62%	1,056,000.00	GIM ELECTRIC
SIGNAGE/ERECTION	VARIOUS	0.38%	250,000.00	S&J CONSTRUCTION, INC.
CONSULTING	VARIOUS	0.31%	200,000.00	BRYAN ENVIRO. CONSULT.
CONC FLATWORK	VARIOUS	1.54%	1,000,000.00	DIVINE CEMENT
SIGNAGE/ERECTION	VARIOUS	6.38%	4,150,000.00	S&J CONSTRUCTION, INC.
REBAR	VARIOUS	5.62%	3,650,000.00	M.A. REBAR SERVICES, INC.
TRUCKING	VARIOUS	2.73%	1,775,483.00	E. KING CONSTRUCTION
TRUCKING	VARIOUS	0.74%	482,000.00	R.A. SEATON CONTRACTOR SERVICES LLC
TRUCKING	VARIOUS	0.31%	200,000.00	5663 LOGISTICS
FENCING	VARIOUS	1.54%	1,000,000.00	INDUSTRIAL FENCE, INC.

CONTRACT NO. I-19-4464

PLANT AND EQUIPMENT QUESTIONNAIRE

5. EXAMINATION OF SITE WORK

Have you carefully inspected the site of the work and evaluated all of the requirements with respect to your capability to provide the resources necessary to complete the work in accordance with those requirements?

YES X NO_____

6. DOCUMENT REFERENCE

In preparing your Bid did you have available for reference the following contract documents?

The Special Provisions YES X NO_____

The Contract Plans YES X NO_____

The IDOT Standard Specifications and Tollway Supplemental Specifications, latest edition as referenced in S. P. 101 YES X NO_____

Dated at Lisle, IL this 1st day of November, 2019.

Judlau Contracting, Inc.
Name of Organization

By [redacted]

Executive Vice President
Title of Person Signing

STATE OF Illinois)
)
COUNTY OF DuPage)

Arnav Amin being duly sworn deposes and says that he/she is Executive Vice President of the above Judlau Contracting, Inc. and that the answers to the questions in the foregoing questionnaires and all statements therein contained are true and correct.

Subscribed and sworn to me before this 1ST day of NOVEMBER, 2019.

[redacted]
Notary Public

My Commission Expires: JUNE 13, 2023

MARIA CACUCCIOLO
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
June 13, 2023

CONTRACT NO. I-19-4464

CURRENT CONTRACTUAL OBLIGATIONS

Entries on this sheet are to **cover all construction work under contract or verbal performance agreement or pending award** to the contractor signing, whether as principal or as sub-contractor and with any owner including the United States government.

WORK NOW UNDER CONTRACT AS PRINCIPAL OR JOINT VENTURE

CONTRACT NUMBER	CONTRACT ENTERED INTO WITH (OWNER OR AGENCY)	VALUE OF WORK UNEARNED	TYPE OF WORK YET TO BE PERFORMED	ESTIMATED COMPLETION DATE
SEE ATTACHED				

TOTAL UNDER CONTRACT AND UNEARNED

WORK AS SUB-CONTRACTOR

CONTRACTOR	OWNER OR AGENCY	VALUE OF WORK UNEARNED	TYPE OF WORK YET TO BE PERFORMED	ESTIMATED COMPLETION DATE

TOTAL SUBLET AND UNEARNED

LOW BIDS SUBMITTED, OPENED AND NOT APPROVED

CONTRACT NUMBER	OWNER OR AGENCY	VALUE OF WORK UNEARNED	TYPE OF WORK YET TO BE PERFORMED	ESTIMATED COMPLETION DATE

TOTAL OF BIDS PENDING AWARD _____

I hereby certify that, to the best of my knowledge and belief, the above tabulations are true and complete and that my/our latest financial statement is available upon request to verify my/our financial position as of this date.

Judlau Contracting, Inc.
BIDDER

November 1, 2019
DATE

BY: [redacted]
SIGNATURE

Executive Vice President
TITLE

SUB-CONTRACTOR

SUB-CONTRACTOR

Illinois Department of Transportation
Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For the Letting of 10/31/2019
(Letting date)

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	1	2	3	4	5	
Contract Number	60L71	60L72	I-17-4683	I-18-4391	60x10	
Contract With	IDOT	IDOT	ISTHA	ISTHA	IDOT	
Estimated Completion Date	10/31/19	10/31/19	7/2020	07/2019	08/2021	
Total Contract Price	65,103,759.68	59,460,654.63	38,317,884.22	12,206,238.24	48,910,342.32	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	7,955,277.36	6,193,420.43	27,932,776.00	2,197,062.69	40,655,165.31	84,933,701.78
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
	Total Value of All Work					84,933,701.78

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

						Accumulated Totals
Earthwork	$ 855,933.40	596,215.31	1,583,144.00	20,000.00	3,626,309.05	6,681,601.76
Portland Cement Concrete Paving			0.00		4,502,003.28	4,502,003.28
HMA Plant Mix			0.00			0.00
HMA Paving			0.00			0.00
Clean & Seal Cracks/Joints			0.00			0.00
Aggregate Bases & Surfaces	$ 828,422.23	257,160.86	897,187.00	20,000.00	2,699,509.27	4,702,279.36
Highway,R.R. and Waterway Structures	$ 93,054.38	72,173.50	3,886,998.00		5,501,835.25	9,554,061.13
Drainage	$ 74,160.96	684,926.84	0.00	20,000.00	4,957,483.40	5,736,571.20
Electrical			0.00			0.00
Cover and Seal Coats		23,995.20	9,068.00		12,906.00	45,969.20
Concrete Construction		248,438.80	4,642,099.00	20,000.00		4,910,537.80
Landscaping			0.00			0.00
Fencing			0.00			0.00
Guardrail			0.00			0.00
Painting			0.00			0.00
Signing			0.00			0.00
Cold Milling, Planning & Rotomilling			0.00			0.00
Demolition	$ 156,762.80	226,622.20	8,430.00	20,000.00	831,534.28	1,243,349.28
Foundation (Caisson & Pile)	$ 690.00	201,882.24	0.00			202,572.24
Mobilization	$ 340,000.00	280,000.00	2,200,000.00	71,000.00	285,000.00	3,176,000.00
General Items	$ 44,000.00	313,465.00	1,029,604.00	115,466.14	1,541,550.72	3,044,085.86
Totals	2,393,023.77	2,904,879.95	14,256,530.00	286,466.14	23,958,131.25	43,799,031.11

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code". Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	5
Subcontractor	Abari	Abari	MEADE	AC Iron	AC Iron
Type of Work	Flatwork	Flatwork	ELECTRICAL	REBAR	Rebar F&I
Subcontract Price	3,731,775.36	1,873,189.89	1,881,513.00	190,000.00	611,291.16
Amount Uncompleted	871,652.80	460,090.11	1,695,439.00	82,153.00	602,277.96
Subcontractor	Acura	Acura	ACURA	American Veterans	Traffic Control & Protection
Type of Work	PCC Pvmt	Concrete Paving	PCCP	Landscaping	Traffic Control
Subcontract Price	10,105,379.16	5,200,813.99	4,216,389.00	90,001.40	1,434,278.35
Amount Uncompleted	514,094.01	269,563.10	4,216,389.00	68,605.40	1,123,669.92
Subcontractor	Austin Tyler	Austin Tyler	KUJO	Industrial Fence	Laredo Systems
Type of Work	Ashpalt Pvmt	HMA Paving	SIGNAGE	Fence Guardrail	Landscaping
Subcontract Price	6,640,668.56	2,667,437.95	810,164.00	248,594.84	976,325.11
Amount Uncompleted	$1,446,100.91	487,226.89	810,164.00	42,822.84	846,787.90
Subcontractor	C3 Corp	C3 Corp	IFI	JG Demo	Tri-Tech Electric
Type of Work	Survey	Survey	FENCE/GUARDRAIL	Conc Paving	Electrical
Subcontract Price	375,000.00	315,250.00	482,627.00	1,423,562.25	7,502,682.35
Amount Uncompleted	30,000.00	94,610.00	482,627.00	532,830.25	5,968,584.85
Subcontractor	EMA CONSTRUCTION	Homer Tree Service	TSI	KUJO	Clausen Structures
Type of Work	Rebar	Tree Removal	Traffic Control	Signage	Structural Steel Erect
Subcontract Price	527,705.99	166,772.60	57,015.00	508,707.00	198,880.00
Amount Uncompleted	0.00	34,527.79	25,460.00	0.00	198,880.00
Subcontractor	H & H Electric	IFI	Builders	MEADE	Northern Contracting
Type of Work	Electric	Fencing	Asphalt Pave	Electrical	Fence & Guardrail
Subcontract Price	2,744,313.67	105,666.60	1,567,125.00	2,072,612.16	598,101.38
Amount Uncompleted	759,717.37	63,696.63	1,547,251.00	771,101.16	563,888.12
Subcontractor	Homer Tree	MA Steel	Ray Edwards	METROMEX	Western Remac
Type of Work	Tree Removal	Rebar Installtion	Sewer	Asphalt	Signage
Subcontract Price	153,782.70	2,945,633.35	1,547,494.00	850,638.03	1,005,900.37
Amount Uncompleted	9,850.00	193,412.46	1,471,831.00	177,675.03	982,351.97
Subcontractor	Industrial Fence	Natural Creations	Claussen	Procision	K-Five Construction
Type of Work	Fence/Guardrail	Landscaping	Rebar F&A	Boring	HMA Paving
Subcontract Price	541,258.20	881,791.15	1,718,418.00	262,926.00	3,221,657.60
Amount Uncompleted	172,143.85	570,289.65	1,498,418.00	0.00	2,915,532.90
Subcontractor	Martinez UG	Procision Boring	Marking Specialists	Roadsafe	Era Valdivia Contractors
Type of Work	Sewer	Directional Boring	Pavement Marking	MOT	Structural Repairs
Subcontract Price	578,077.32	241,594.01	70,027.00	480,880.87	112,706.00
Amount Uncompleted	0.00	112,006.16	70,027.00	235,408.87	112,706.00
Subcontractor	Natural Creations	Trafic Services Inc	Natural Creations	Toughcuts	RPE Trucking
Type of Work	Landscaping	Traffic Control	Landscaping	Grooving	Trucking
Subcontract Price	1,527,995.37	1,511,766.53	926,032.00	17,030.00	252,838.75
Amount Uncompleted	779,219.29	462,007.86	883,323.00	0.00	90,744.72

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	5
Subcontractor	Trafic Services	Van Mack Electric	Era Valdivia		DGI-MENARD
Type of Work	MOT	Electrical	Painting		Ground Stabilization
Subcontract Price	1,994,636.14	2,161,072.72	167,963.10		495,000.00
Amount Uncompleted	974,251.36	512,853.74	167,963.10		495,000.00
Subcontractor	Visue	Visu Sewer	Quality Saw		Precisiion Pavement
Type of Work	Sewer	Sewer Cleaning	Sawcutting		Pavement Markings
Subcontract Price	10,097.00	33,996.00	76,046.02		356,823.13
Amount Uncompleted	5,224.00	21,309.50	76,046.02		350,495.67
Subcontractor		Tough Cuts	Metro Steel		LJ KEEFE
Type of Work		Bridge Deck Grooving	Erection		Jack and Bore
Subcontract Price		84,456.90	409,002.56		222,885.00
Amount Uncompleted		6,946.59	409,002.56		5,715.00
Subcontractor			CTI		QUALITY SAW AND SEAL
Type of Work			Vibration Monitoring		Sawcutting
Subcontract Price			14,072.00		208,787.54
Amount Uncompleted			-		170,275.51
Subcontractor			Truck King		Homer Tree Service
Type of Work			Hauling		Tree Removals
Subcontract Price			1,000,000.00		10,975.00
Amount Uncompleted			322,306.00		10,975.00
Subcontractor			Chicagoland Truckin		Antigo Construction
Type of Work			Hauling		Concrete Breaking
Subcontract Price			230,000.00		22,464.40
Amount Uncompleted			196,000.00		22,464.00
Subcontractor			RA Seaton		Divine Cement, Inc.
Type of Work			Hauling		Conrete Flatwork
Subcontract Price			230,000.00		3,474,759.25
Amount Uncompleted			0.00		2,327,429.26
Subcontractor					ENO
Type of Work			Lime Stabilization		HAULING
Subcontract Price			650000		1,520,701.25
Amount Uncompleted			0		1,442,246.25
Total Uncompleted	5,562,253.59	3,288,540.48	13,676,246.68	1,910,596.55	18,230,025.03

Illinois Department of Transportation

Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability

For the Letting of 10/31/2019
(Letting date)

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	6	7	8	9	
Contract Number	K72374	62A74	61E18	60X79	
Contract With	METRA	IDOT	IDOT	IDOT	
Estimated Completion Date	3/2020	4/2019	8/2020	7/2020	
Total Contract Price	17,235,000.00	21,731,603.49	15,491,925.68	37,587,819.09	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	11,171,674.32	355,546.87	7,247,358.99	15,580,238.83	119,288,520.79
Uncompleted Dollar Value if Firm is the Subcontractor					0.00
		Total Value of All Work			119,288,520.79

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work Subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

					Accumulated Totals
Earthwork	0.00	10,000.00	100,000.00	6,000,000.00	12,791,601.76
Portland Cement Concrete Paving	0.00		0.00	400,000.00	4,902,003.28
HMA Plant Mix	0.00		0.00		0.00
HMA Paving	0.00		50,000.00		50,000.00
Clean & Seal Cracks/Joints	0.00		0.00		0.00
Aggregate Bases & Surfaces	287,200.00	40,000.00	50,000.00	400,000.00	5,479,479.36
Highway,R.R. and Waterway Structures	334,320.34		3,500,000.00		13,388,381.47
Drainage	48,300.00		100,000.00	4,000,000.00	9,884,871.20
Electrical	0.00		1,000,000.00		1,000,000.00
Cover and Seal Coats	0.00		0.00		45,969.20
Concrete Construction	1,364,753.60	10,000.00	50,000.00	2,750,000.00	9,085,291.40
Landscaping	0.00		40,000.00		40,000.00
Fencing	0.00		1,000,000.00		1,000,000.00
Guardrail	0.00		0.00		0.00
Painting	0.00		0.00		0.00
Signing	0.00		0.00		0.00
Cold Milling, Planning & Rotomilling	0.00		0.00		0.00
Demolition	420,119.99	150,000.00	0.00	500,000.00	2,313,469.27
Pavement Markings (Paint)	0.00		0.00		0.00
Foundation (Caisson & Pile)	759,814.29		300,000.00		
Mobilization	335,308.43	120,000.00	0.00	562,500.00	4,193,808.43
General	479,411.16	25,546.87	1,057,358.99	1,475,274.33	6,081,677.21
Totals	4,029,227.81	355,546.87	7,247,358.99	16,087,774.33	70,256,552.57

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code". Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	6	7	8	9
Subcontractor	Aldridge Electric	ARTEAGA	Alliance Fence	ARTEAGA
Type of Work	Caisons	LANDSCAPIMG	Fence	LANDSCAPE
Subcontract Price	3,108,716.00	52,327.65	166,169.69	123,273.79
Amount Uncompleted	2,393,618.70	40,828.54		122,483.79
Subcontractor	American Restoration	CARRERA	Arteaga	CARRERA
Type of Work	Waterproofing	CONC FLATWORK	Landscaping	CONC FLATWORK
Subcontract Price	216,836.79	73,441.50	84,949.02	71,548.75
Amount Uncompleted	216,836.79	36,202.89		71,548.75
Subcontractor	Area Equipment	CHICAGOLAND TRUCK	Atlantic Painting	CITY LIGHTS
Type of Work	Steel Erection	TRUCKING	Painting	ELECTRIC
Subcontract Price	2,172,346.05	107,047.50	71,811.00	1,578,313.20
Amount Uncompleted	1,967,987.00	21,000.00		1,485,428.41
Subcontractor	Atlantic Painting	ENO	Clausen	CLAUSEN
Type of Work	Lead Abatement	TRUCKING	Rebar	REBAR/STEEL
Subcontract Price	825,900.00	612,670.00	405,974.88	4,404,947.00
Amount Uncompleted	676,996.16	67,915.00		4,056,134.21
Subcontractor	Bechstein Construction	GRL ENGINEERS	Divine	CTI
Type of Work	Demoltition	TESTING	Concrete Flatwork	SETL MONITOR
Subcontract Price	820,000.00	8,220.00	659,562.84	126,558.50
Amount Uncompleted	409,956.00	3,100.00		79,920.00
Subcontractor	GRL Engineers	HECKER	Envior OPS	E KING
Type of Work	Testing	ELECTRIC	Testing	TRUCKING
Subcontract Price	41,990.00	242,675.05	41,775.00	1,374,979.60
Amount Uncompleted	30,000.00	24,157.60		1,052,539.60
Subcontractor	Industrial Fence	HOMER	Javelina	HOMER
Type of Work	Fencing	TREE REM	Asphalt Milling	TREE REM
Subcontract Price	472,555.61	23,610.00	0.00	13,890.00
Amount Uncompleted	472,555.61	1,325.00		3,600.00
Subcontractor	KAPUR	IFI	K&K	IFI
Type of Work	Survey	FENCING	Pedestrain Rail	FENCE
Subcontract Price	62,400.00	82,532.55	672,290.43	186,642.20
Amount Uncompleted	42,000.00	61,819.58		144,358.77
Subcontractor	MA Rebar	INTEGRITY	Len Cox	INTEGRITY
Type of Work	Rebar Erection/Supply	ENVIRONMENTAL	Sewer	ENVIRONMENTAL
Subcontract Price	328,973.94	44,085.00	302,092.76	132,850.00
Amount Uncompleted	301,158.84	2,592.50		97,537.50
Subcontractor	Meade Electric	LJ KEFE	Meyer	KAPUR
Type of Work	Electric	SS JACKING	Conc Pumping	SURVEY
Subcontract Price	324,015.23	406,520.63	0.00	290,500.00
Amount Uncompleted	171509.76	6,140.00		221,018.00

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	6	7	8	9
Subcontractor	Metromex	MA REBAR	Roadsafe	LJ KEEFE
Type of Work	Asphalt	REBAR	MOT/Sign/Pvmt Mrk	SS JACKING
Subcontract Price	129,945.50	2,085,079.51	98,207.00	996,370.00
Amount Uncompleted	129,945.50	0.00		996,370.00
Subcontractor	Omega Construction	METROMEX	Quality	METROMEX
Type of Work	Flatwork	ASPHALT	Sawcut	ASPHALT
Subcontract Price	329,882.15	124,487.51	11,000.00	236,498.52
Amount Uncompleted	329,882.15	124,487.51		236,498.52
Subcontractor	Sandsmith Masonry	MICHELS	Clean Cut	MIXONSITE
Type of Work	Tuck Pointing	CAISSONS	Tree Removal	LIGHTWT FILL
Subcontract Price	77,000.00	5,817,200.90	11,508.00	912,672.00
Amount Uncompleted	0.00	0.00		972,672.00
Subcontractor		MIXONSITE	Schroeder	NPR
Type of Work		LIGHTWT FILL	Asphalt	SEWER CLEANING
Subcontract Price		98,391.11	732,419.85	402,820.00
Amount Uncompleted		0.00		134,167.00
Subcontractor		MTC MORENO	Michels	STALWORTH
Type of Work		TRUCKING	Caissons	CAISSONS
Subcontract Price		246,075.00	649,616.12	6,170,096.00
Amount Uncompleted		246,075.00		4,563,861.35
Subcontractor		NPR	Tritech	STRATA
Type of Work		SEWER CLEANING	Electrical	INCLINOMETER
Subcontract Price		48,155.00	2,383,522.63	25,100.00
Amount Uncompleted		23,625.00		18,675.00
Subcontractor		RA SEATON	Vibratech	STRUCTURAL
Type of Work		TRUCKING	Vibration Monitoring	WATER MAIN REHAB
Subcontract Price		97,726.00	15,000.00	80,650.00
Amount Uncompleted		228.00		43,964.00
Subcontractor		RELIABLE	ENO	TSI
Type of Work		WATER MAIN	Trucking	TRAFFIC
Subcontract Price		1,122,703.41	407,531.00	747,983.61
Amount Uncompleted		409,652.54		672,171.94
Subcontractor		SONICAN	MTC-Moreno	TRUCK KING
Type of Work		TRUCKING	Trucking	TRUCKING
Subcontract Price		3,528.00	105,297.50	426,060.00
Amount Uncompleted		0.00		419,519.99
Subcontractor		STRATA	DLZ	VIBRA-TECH
Type of Work		DRILLING	Survey	VIBRATION MONIT
Subcontract Price		12,880.00	60,069.55	250,975.00
Amount Uncompleted		1,041.99		187,770.00
Total Uncompleted	7,142,446.51	1,070,191.15	0.00	15,580,238.83

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	6	7	8	9
Subcontractor		STRUCTURAL		
Type of Work		WATER MAIN REHAB		
Subcontract Price		1,937,500.00		
Amount Uncompleted		1,070,695.38		
Subcontractor		TSI		
Type of Work		TRAFFIC		
Subcontract Price		211,825.02		
Amount Uncompleted		107,046.59		
Subcontractor		VIBRA-TECH		
Type of Work		VIBRATION MONIT		
Subcontract Price		89,500.00		
Amount Uncompleted		7,000.00		
Subcontractor				
Type of Work				
Subcontract Price				
Amount Uncompleted				
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Subcontract Price				
Amount Uncompleted				
Subcontractor				
Type of Work				
Subcontract Price				
Amount Uncompleted				
Total Uncompleted	7,142,446.51	2,254,933.12	0.00	15,580,238.83

Illinois Department of Transportation
Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Affidavit of Availability
For the Letting of 10.31.2019
(Letting date)

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE.**

	10		
Contract Number	I-18-4446		
Contract With	ISTHA		
Estimated Completion Date	05/01/2020		
Total Contract Price	12,387,495.41		Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	9,250,830.95		128,539,351.74
Uncompleted Dollar Value if Firm is the Subcontractor			0.00
Total Value of All Work			128,539,351.74

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work Subcontracted to others will be listed on the reverse of this form. In a joint ~~venture, list only that~~ portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork	850,000.00		
Portland Cement Concrete Paving			
HMA Plant Mix			
HMA Paving			
Clean & Seal Cracks/Joints			
Aggregate Bases & Surfaces	223,000.00		
Highway,R.R. and Waterway Structures	535,000.00		
Drainage	410,000.00		
Electrical			
Cover and Seal Coats			
Concrete Construction	1,906,000.00		
Landscaping			
Fencing			
Guardrail			
Painting			
Signing			
Cold Milling, Planning & Rotomilling			
Demolition	496,000.00		
Pavement Markings (Paint)			
General	535,000.00		
Totals	4,955,000.00		

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code". Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	10
Subcontractor	Kapur
Type of Work	Survey
Subcontract Price	92,056.80
Amount Uncompleted	71,948.00
Subcontractor	Natural Creations
Type of Work	Landscaping
Subcontract Price	168,562.18
Amount Uncompleted	160,957.00
Subcontractor	Homer
Type of Work	Tree Removal
Subcontract Price	65,910.00
Amount Uncompleted	15,676.38
Subcontractor	TCP
Type of Work	Traffic Control
Subcontract Price	1,024,549.32
Amount Uncompleted	799,921.00
Subcontractor	K-Five
Type of Work	Paving
Subcontract Price	1,440,657.24
Amount Uncompleted	702,059.00
Subcontractor	Terra
Type of Work	Soil Retention
Subcontract Price	1,107,210.00
Amount Uncompleted	1,107,210.00
Subcontractor	John Keno
Type of Work	Excavation
Subcontract Price	309,100.00
Amount Uncompleted	231,825.00
Subcontractor	E.C.C.
Type of Work	Electrical
Subcontract Price	177,616.17
Amount Uncompleted	165,616.17
Subcontractor	Industrial Fence
Type of Work	Fencing
Subcontract Price	912,561.66
Amount Uncompleted	817,160.00
Subcontractor	AC Iron
Type of Work	Rebar Tying
Subcontract Price	85,730.80
Amount Uncompleted	85,730.80
Subcontractor	HR Stewart
Type of Work	Sewer Cleaning
Subcontract Price	8,389.00
Amount Uncompleted	8,389.00
Subcontractor	Carrera
Type of Work	Flatwork
Subcontract Price	58,254.00
Amount Uncompleted	58,254.00
Subcontractor	Diegan
Type of Work	Environmental
Subcontract Price	53,650.00
Amount Uncompleted	53,650.00
Total Uncompleted	4,278,396.35

	10
Subcontractor	Allstate
Type of Work	Sawing
Subcontract Price	1,629.60
Amount Uncompleted	1,629.60
Subcontractor	Quality
Type of Work	Sawing
Subcontract Price	10,139.00
Amount Uncompleted	10,139.00
Subcontractor	Lotus
Type of Work	Painting
Subcontract Price	59,316.00
Amount Uncompleted	59,316.00
Subcontractor	
Type of Work	
Subcontract Price	
Amount Uncompleted	
Subcontractor	
Type of Work	
Subcontract Price	
Amount Uncompleted	
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Subcontractor	
Type of Work	
Subcontract Price	
Amount Uncompleted	
Total Uncompleted	71,084.60

Illinois Department of Transportation

Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

RECEIVED
OCT 18 2019
S & J CONSTRUCTION CO., INC.

October 15, 2019

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Simone Kapovich
S & J Construction Co., Inc.
4245 166th St.
Oak Forest, IL 60452

Dear Ms. Kapovich:

The Illinois Department of Transportation (IDOT) has approved the *No Change Affidavit* for S & J Construction Co., Inc., and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

To remain certified and in good standing, you must annually submit a *No Change Affidavit.* IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there is a change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

E. Diane Cook Pelton, Manager
DBE Certification Section
Bureau of Small Business Enterprises

Illinois State Toll Highway Authority

SPECIAL PROVISION

FOR

DISADVANTAGED BUSINESS ENTERPRISE PARTICIPATION

1. POLICY STATEMENT

It is the policy of the Illinois State Toll Highway Authority ("ISTHA" or "Tollway") that qualified and *bona fide* Disadvantaged Business Enterprises (DBEs), as that term is defined herein, have maximum feasible opportunities to participate fully in the performance of all contracts funded and administered by the Tollway. The Tollway seeks to ensure non-discrimination in the award and administration of its contracts and associated subcontracts and that it is not a passive participant in a discriminatory marketplace; to create a level playing field on which DBEs can compete fairly for its contracts; to ensure that its Special Provision is narrowly tailored in accordance with applicable law; to ensure that only firms that meet the eligibility standards are permitted to participate as DBEs; and to help to remove barriers to participation of DBEs in Tollway contracts and associated subcontracts.

Consistent with this policy, it is the responsibility of all Contractors for general contracting work and a specific condition of all Tollway contracts to which they are parties to ensure full and fair opportunities for DBEs to compete in contracts funded and administered by the Tollway and to fully comply with this Special Provision.

2. DEFINITIONS

For the purposes of this Special Provision, the following terms shall have the following meanings:

Affiliate of a person or entity means a person or entity that directly or indirectly through one or more intermediaries, controls or is controlled by, or is under common control with, the person or entity. In determining Affiliation, the Tollway shall consider all appropriate factors, including common ownership, common management, and contractual relationships.

Broker means a person or entity that fills orders by purchasing or receiving supplies from a third party supplier rather than out of its own existing inventory and provides no substantial service other than acting as a conduit between his or her supplier and his or her customer.

Commercially Useful Function means responsibility for the execution of a distinct element of the work of the contract, which is carried out by actually performing, managing, and supervising the work involved, or fulfilling responsibilities as a Joint Venture partner.

Contingency Work is the anticipated work within the scope of the project which is included in the project to cover the work of such an uncertain nature that the location or quantity could not be identified prior to awarding the contract.

Core Work is the anticipated work within the scope of the project which is included in the project to cover the work of such a nature that the location and estimated quantity could be identified prior to awarding the contract.

Disadvantaged Business Enterprise ("DBE") means a business currently certified by the Illinois Unified Certification Program ("ILUCP") pursuant to 49 C.F.R. Part 26, or a business currently certified by the City of Chicago, Illinois or the County of Cook, Illinois, as a Minority or Women-Owned Business ("M/WBE") pursuant to its M/WBE program for construction contracts, Art. IV, § 2-92-650, *et seq*, as amended, or a business currently certified by the U.S. Small Business Administration (SBA) pursuant to the Small Business Act as an SBA 8(a) business, owned and operated by a socially and economically disadvantaged person. A DBE is considered to have current certification if the firm is listed in the directory database of the pertinent certifying agency.

DBE Joint Venture means an association of two or more persons, or any combination of types of business enterprises and persons numbering two or more, proposing to perform as a single for profit business enterprise, in which each Joint Venture partner contributes property, capital, efforts, skill and knowledge, and in which the DBE is responsible for a distinct, clearly defined portion of the work of the project and whose share in the capital contribution, control, management, risks, and profits of the Joint Venture are equal to its ownership interest. Joint Ventures must have an agreement in writing specifying the terms and conditions of the relationships between the partners and their relationship, risks and responsibility under the contract.

DBE Utilization Plon means the list of currently certified DBEs that the Bidder commits will be utilized, including its own participation as a DBE, if applicable, in the scopes of the work and the dollar values or the percentages of the work to be performed pursuant to this solicitation and in conformance with this Special Provision.

Good Faith Efforts means actions undertaken by a Contractor to achieve a DBE contract goal, which, by their scope, intensity, and appropriateness to the objective, can reasonably be expected to fulfill the contract goal.

Mobilization means preparatory work and operations necessary for the movement of personnel, equipment and incidentals to the project site for the establishment of offices, buildings and other facilities necessary for work on the project and for all other work operations which must be performed or costs incurred when beginning work on the project.

Regular Dealer means a firm that owns, operates, or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described by the specifications and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a Regular Dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A firm may be a Regular Dealer in such bulk items as petroleum products, steel, cement, gravel, stone, or asphalt without owning, operating, or maintaining a place of business if the firm both owns and operates distribution equipment for the products. Any supplementing of a Regular Dealer's distribution equipment shall be by a long-term lease agreement and not on an *ad hoc* or contract-by-contract basis. Packagers, manufacturer representatives, or other persons who arrange or expedite transactions are not Regular Dealers.

3. CONTRACTOR ASSURANCE

The Contractor will assure that each of its employees and its subcontractors' employees associated with the contract shall not discriminate on the basis of any protected category identified by law in the performance of this contract. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Tollway deems appropriate.

4. DBE CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR

This contract includes a specific DBE utilization goal of **30%** of the Core Work of the contract. The goal reflects the estimated availability of DBEs to perform the scopes of work of this contract, including as a prime Contractor. Consequently, in addition to the other award criteria established for this contract, ISTHA will award this contract to a Bidder who either meets this goal or who demonstrates its good faith efforts to do so. The participation of DBEs will be calculated on the amount of the Core Work, not Contingency Work identified in the bid documents. **The Contractor's DBE commitment will be assessed for any and all Extra Work Orders (EWO) and Change Orders (CO) at the time such orders are issued.**

5. DBE, M/WBE and SBA 8(a) LOCATOR REFERENCES

Bidders should consult the Illinois Unified Certification Program ("ILUCP")DBE Directory as a reference source for DBEs and the City of Chicago, the County of Cook M/WBE directories as reference sources for M/WBEs in construction certified by the City of Chicago or the County of Cook, or the Small Business Administration SBA 8(a) directory for SBA 8(a)s

certified by the Small Business Administration. Only firms certified by the IL-UCP, the City of Chicago, the County of Cook, or the Small Business Administration **at the time of bid opening** are eligible to be considered for contract award to either meet the contract goal or establish the Bidder's good faith efforts to do so.

These directories are to be used as an informational source only. Certification does not mean that a firm is in any way prequalified to provide the products and/or services in its certification specialty. "Certification" means that the ILUCP, the City of Chicago, the County of Cook, or the Small Business Administration has determined, on the basis of information provided and the representations therein, that a business is a *bona fide* DBE. The ILUCP, the City of Chicago, the County of Cook or the Small Business Administration does not, as a result of listing, make any representation concerning the ability of any listed firm to perform work in the specialty listed. The Tollway does not, through its use of and referral to ILUCP DBE, the City of Chicago, the County of Cook MBE/WBE, and the Small Business Administration SBA 8(a) lists, make any representation concerning the ability of any listed firm to perform work in its certification specialty. The Bidder must conduct its own due diligence regarding the capabilities of certified firms to perform the work of the contract.

6. BIDDING PROCEDURES

Compliance with the bidding procedures of this Special Provision is required as provided in this Special Provision prior to the award of the contract. The failure of the as-read low Bidder to comply will render the bid non-responsive.

6.1 Submission of the Disadvantaged Business DBE Utilization Plan, DBE Form 2026

A Bidder must submit a Disadvantaged Business DBE Utilization Plan on ISTHA DBE Form 2026 **with the bid submission.**

The only exception to this requirement is the case where a prime Bidder is also a DBE, is certified to perform a portion of the contract work as indicated on the DBE's Certification submitted at time of bid, and will meet the DBE goal via a self-performance requirement on the contract greater than or equal to the DBE goal for the contract. If the Bidder is a DBE Joint Venture, each Joint Venture partner must provide the attestation to the DBE Utilization Plan, Form 2026.

Otherwise, if the DBE Utilization Plan is not submitted at time of bid, then the bid will be deemed non-responsive. If the bid is deemed non-responsive due to a failure to submit a DBE Utilization Plan or failure to comply with the bidding procedures set forth herein, ISTHA may elect to cause the forfeiture of the penal sum of the Bidder's bid Guarantee, and may deny authorization to bid the project if re-advertised for bids.

The DBE Utilization Plan shall indicate that the Bidder either has obtained sufficient DBE participation commitments to meet the contract goal or demonstrate and document its good faith efforts to meet the goal. The DBE Utilization Plan will also require the name of each DBE firm proposed for use on the contract along with a brief scope of work and dollar amount to be assigned to the DBE. The DBE Utilization Plan shall further provide the name, telephone number, and email address of a responsible official of the Bidder designated for purposes of notification of DBE Utilization Plan approval or disapproval under the procedures of this Special Provision.

Any agreement between a Contractor and a DBE or other subcontractor in which the Contractor requires that the DBE not provide subcontracting quotations to other Contractors is prohibited.

6.2 Submission of the DBE Participation Commitment Statement, DBE Form 2025

The Utilization Plan must be supported by the submission of a detailed DBE Participation Commitment Statement, Form 2025, for each DBE proposed for the performance of work to achieve the contract goal by 5:00 p.m. of the fifth calendar day after email notification to the prime from the Tollway of low apparent Bidder status.

The submission of DBE Form 2025 should be via email to constructionbid@getipass.com.

In no case should a Contractor remove, replace, or reduce the commitment to a DBE listed in the initial Utilization Plan Form 2026 without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

The signatures on these forms must be original signatures. All elements of information indicated on Form 2025 must be provided, including but not limited to:

6.2.1 The name and address of each DBE to be used;

6.2.2 A full description, including pay item numbers for DBEs or associated pay items for trucking services, of the commercially useful function to be performed by each DBE. Descriptions such as "miscellaneous" and prices such as "lump sum" are not acceptable. Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time that those pay items have been confirmed as required work of the contract.

6.2.3 Direct Allowance items will not be approved toward DBE participation in the DBE Utilization Plan.

6.2.4 Mobilization costs should be included in the cost of the pay item for which it is associated rather than as a separate pay item on the DBE Utilization Plan, DBE Form 2025 for DBE subcontractors.

6.2.5 If the DBE is the Prime Contractor, the Mobilization pay item may be approved toward DBE participation in the DBE Utilization Plan.

6.2.6 The price to be paid to each DBE for the identified work, specifically stating the quantity, unit price and total subcontract price for the work to be completed by the DBE. If partial pay items are to be performed by the DBE, the Form must indicate the portion of each item, a unit price where appropriate and the subcontract price amount;

6.2.7 A commitment statement signed by the Bidder and each DBE evidencing availability and intent to perform a commercially useful function on the project; and

6.2.8 If the Bidder is a joint venture comprised of DBEs and non-DBEs, the Plan must also include a clear identification of the portion of the work to be performed by the DBE joint venture partner(s).

6.2.9 If the Bidder is unable to meet the goal, it must demonstrate it made good faith efforts to do so, as described in this Special Provision and detailed in section 6.6 below.

6.2.10 The contract will not be awarded until the DBE Utilization Plan, including if applicable, the Bidder's good faith efforts to meet the goal, is approved by ISTHA. The DBE Utilization Plan will be approved if it demonstrates that DBEs will be used to perform a commercially useful function sufficient to meet the contract goal, or that the Bidder made sufficient good faith efforts, as defined in this Special Provision, to meet the goal.

6.3 Counting DBE Participation

The DBE Utilization Plan's DBE commitments represent work expected to be performed and paid for upon satisfactory completion. ISTHA is only able to count toward the achievement of the contract goal the value of payments made for the work actually performed by DBEs. The Tollway will count DBE participation, and the Contractor will receive credit towards meeting the DBE contract goal, as follows:

6.3.1 The entire amount of that portion of work that the DBE is certified to perform, as indicated on the DBEs Letter of Certification, and that is performed by the DBE's own forces either as the Contractor or a subcontractor shall be counted, including the cost of supplies and materials obtained by the DBE for the work of the contract, and supplies purchased or equipment leased by the DBE (except supplies and equipment the DBE purchases or leases from the prime Contractor or the prime Contractor's Affiliate). **Work that the DBE subcontracts to a non-DBE does not count toward the DBE goal.**

6.3.2 The entire amount of fees or commissions charged by a DBE for providing a *bona fide* service, such as professional, technical, consultant or managerial services, or for providing bonds or insurance specifically required for the performance of a contract, shall be counted, provided the fee is reasonable and not excessive as compared with fees customarily charged for similar services.

6.3.3 One hundred percent of the cost of trucking services utilized on the contract shall be counted, provided the DBE is responsible for the management and supervision of the entire trucking operation for which it is responsible. At least one truck owned, operated, licensed and insured by the DBE must be used on the contract. Credit will only be applied for trucking activity to and from the ISTHA job site. Credit will be given for the following: (1) the DBE may lease trucks from another DBE, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract. (2) The DBE may also lease trucks from a non-DBE, including from an owner-operator. Goal credit will be limited to the value of the reasonable fee or commission received by the DBE for trucks that are leased from a non-DBE.

6.3.4 When a DBE performs as a participant in a Joint Venture, only the portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work of the Joint Venture's contract that is performed by the DBE with its own forces and for which it is separately at risk, shall be counted. A Joint Venture may also count the dollar value of work subcontracted to DBEs other than the DBE Joint Venture partner(s). Work performed by the forces of the non-DBE joint venture partner shall not be counted toward the DBE goal. The Tollway will evaluate the Joint Venture agreement, which must be submitted with the DBE Utilization Plan, for conformance with this Special Provision and eligibility for credit towards meeting the goal. The agreement must describe in detail the financial contribution of each partner; the list of personnel and equipment contributed and used by each partner; the responsibilities of each partner for each aspect of the joint venture; if applicable, the bonding capacity of each partner; if applicable, the prequalification status of each partner; the basis and distribution of all profits and losses; and any other elements deemed relevant by the Tollway.

6.3.5 One hundred percent of the cost of the materials obtained from a DBE Manufacturer, as that term is defined in 49 C.F.R. § 26.55(e) shall be counted towards the DBE contract goal. Sixty-percent of the cost of the materials or supplies obtained from a DBE Regular Dealer or Supplier, as those terms are defined in 49 C.F.R. § 26.55(e), shall be counted towards the DBE contract goal. One hundred percent of the fees or transportation charges for the delivery of materials or supplies required on a job site shall be counted towards the DBE contract goal only if the payment of such fees is a customary industry practice and are commensurate with fees customarily charged for similar services.

6.3.6 One hundred percent credit will be counted towards the DBE contract goal for the value of fees and commissions for the procurement of materials and supplies if the DBE is not a regular dealer or manufacturer, provided such fees or commissions are determined by the Tollway in its sole discretion to be reasonable and not excessive as compared with fees customarily allowed for similar services. No portion of the cost of the materials or supplies themselves shall be counted towards the contract goals.

6.3.7 If a firm's certification is revoked by its certifying agency during its performance on a contract, the dollar value of work performed under this contract with that firm after it has ceased to be certified shall not be counted.

If a DBE graduates from its respective certification program, based upon exceeding the firm size or personal net worth limitations after this contract is awarded, the firm's participation will be counted towards meeting the goal on this contract.

In determining achievement of the contract goal, the participation of a DBE shall not be counted until that amount has been paid to the DBE.

6.4 Demonstrating Commercially Useful Function

Only expenditures to a DBE that is performing a Commercially Useful Function shall be counted. To determine whether a DBE is performing a Commercially Useful Function, the Tollway will evaluate the amount of work subcontracted, industry practices, whether the amount the DBE is to be paid under the contract is commensurate with the work it is actually performing and other relevant factors. A DBE performs a commercially useful function when it is responsible for the execution of the work and is carrying out its responsibilities by actually performing, managing, and supervising the work involved.

6.4.1 To perform a commercially useful function, the DBE must be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

6.4.2 A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation. In determining whether a DBE is such an extra participant, ISTHA will examine similar transactions, particularly those in which DBEs do not participate.

6.4.3 If a DBE does not perform or exercise responsibility for at least 30 percent of the total cost of its contract with its own work force, or the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, ISTHA will presume that the DBE is not performing a commercially useful function. When a DBE is presumed not to be performing a commercially useful function as provided in this section, the DBE and the Contractor may present evidence to rebut this presumption.

6.5 Extended Documentation Period for Low Apparent Bidders with a DBE Commitment Below the Advertised DBE Goal

Each Contractor identified as the low Bidder who has a DBE commitment less than the advertised DBE goal shall be allowed, upon email notification from the Tollway, an extended documentation period which will extend until 5:00 pm CT on the second business day after the day the notification is sent (e.g. if a Bidder is notified on Monday, extended documentation period concludes on Wednesday at 5pm). The extended documentation period allows Contractors solely to supplement their initial Utilization Plan to add DBE participation to meet the stated DBE participation goal or to demonstrate additional good faith efforts in obtaining DBE participation. The Contractor may take other action beyond any stated additional efforts in order to obtain additional DBE commitments. The Contractor shall submit an amended DBE Utilization Plan if additional DBE commitments to meet the contract goal are secured by the end of the extended documentation period. If additional DBE commitments sufficient to meet the advertised contract goal are not secured, the Contractor shall report the final good faith efforts made during the extended documentation period along with a request for a waiver pursuant to section 6.6 of this section. All additional efforts taken by the Bidder before and during the extended documentation period will be considered as part of the Contractor's good faith efforts.

The extended documentation period is intended to allow Contractors that have made a good faith effort to secure DBE participation an opportunity to meet the stated contract goal. Contractors are expected to have utilized good faith efforts in compiling their initial DBE Utilization Plan, and the DBE participation indicated in the initial DBE Utilization Plan should reflect the participation the Contractor could achieve through good faith efforts. The extended documentation period should not be used to secure significantly higher DBE participation only after being identified as the low Bidder. In no case should a Contractor remove, replace or reduce the commitment to a DBE listed in the initial Utilization Plan without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision. When ISTHA determines that a Contractor, either through a pattern of conduct or with respect to a single bid, has failed to discharge its good faith efforts obligations in this intended fashion, ISTHA, in its discretion, may reject the bid outright without allowing the Bidder to take advantage of the extended documentation period.

6.6 Good Faith Efforts Procedures

If the Bidder cannot obtain sufficient DBE commitments to meet the contract goal, the Bidder must document in the DBE Utilization Plan its good faith efforts to meet the goal, including any DBE participation secured as detailed in Form(s) 2025, using the Good Faith Efforts Contact Log and Checklist, DBE Form 2023. If the DBE contract goal was not achieved by a Bidder, the Bidder must submit its good faith efforts documentation, including the DBE Form 2023. Documentation submitted after bid opening, except as provided for in Section 6.5 above, will not be accepted or reviewed.

Demonstrating good faith efforts means that the Bidder must show that all necessary and reasonable steps were taken to achieve the contract goal. Necessary and reasonable steps are those that could reasonably be expected to obtain sufficient DBE participation. ISTHA will consider the quality, quantity and intensity of the kinds of efforts that the Bidder has made. Mere *pro forma* efforts are not good faith efforts; rather, the Bidder is expected to have taken those efforts that would be reasonably expected of a Bidder actively and aggressively trying to obtain DBE participation sufficient to meet the contract goal.

If ISTHA determines that the Contractor has made a good faith effort to secure the work commitment of DBEs to meet the contract goal, ISTHA will award the contract provided that the Bidder is otherwise eligible for award and award is in the Tollway's best interest.

The following is a list of types of action that ISTHA will consider as part of the evaluation of the Bidder's good faith efforts to obtain DBE participation. These listed factors are not intended to be a mandatory checklist and are not intended to be exhaustive. Other factors or efforts brought to the attention of ISTHA may be relevant in appropriate cases, and will be considered by ISTHA.

6.6.1 Soliciting through all reasonable and available means (*e.g.*, attendance at DBE Networking Sessions sponsored by ISTHA, pre-bid meetings, advertising and/or written notices) the interest of all DBEs that have the capability to perform the work of the contract. A list of certified DBEs in the trades considered to determine the contract goal may be provided by the Tollway, but should not be considered exhaustive, and other firms may be available for solicitation by the Bidder. The Bidder must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation, but in any event, no later than 5 calendar days prior to the bid submission date. At least two methods of solicitation of DBEs must be used (*e.g.*, email and fax). The Bidder must determine with certainty if the DBEs are interested by taking appropriate steps to follow- up initial solicitations.

6.6.2 Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goal will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime Contractor might otherwise prefer to perform these work items with its own forces.

6.6.3 Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.

6.6.4 Negotiating in good faith with interested DBEs.

6.6.4.1 Making a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, e mail address and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.

6.6.4.2 A Bidder using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a Bidder's failure to meet the contract DBE

goal, as long as such costs are reasonable. Also, the ability or desire of a prime Contractor to perform the work of a contract with its own organization does not relieve the Bidder of the responsibility to make good faith efforts. Prime Contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.

6.6.5 Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The Contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations are not legitimate causes for the rejection or non-solicitation of bids in the Contractor's efforts to meet the contract goal.

6.6.6 Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the Tollway or the Contractor.

6.6.7 Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.

6.6.8 Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

In determining whether a Bidder made good faith efforts, ISTHA may take into account the performance of other Bidders in meeting the contract goal or of Bidders in meeting the goal on contracts of a similar nature. For example, when the apparent successful Bidder fails to meet the contract goal, but others meet it, ISTHA will review whether, with additional reasonable efforts, the apparent successful Bidder could have met the goal. If the apparent successful Bidder fails to meet the goal, but meets or exceeds the average DBE participation obtained by other Bidders, ISTHA may view this, in conjunction with other factors, as evidence of the apparent successful Bidder having made good faith efforts.

A Bidder that rejected a DBE based on price must provide to ISTHA all quotes received for the scope of work proposed by the DBE from all firms, including non-DBEs.

The Bidder may request administrative reconsideration of a pre-final determination on its DBE Utilization Plan adverse to the Bidder by filing a request within five working days after the notification date of the determination, by delivering the request to the Illinois State Toll Highway Authority, Diversity and Strategic Development Department, 2700 Ogden Avenue, Downers Grove, Illinois 60515-1703, DBE@getipass.com, (630) 241-6800 ext. 3204. Submission via e-mail is acceptable. Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The pre-final determination shall become final if a request is not received within the five-day period.

A request may provide additional written documentation and/or argument concerning the issue of whether an adequate good faith effort was made to meet the contract goal. In addition, the request shall be considered consent by the Bidder to extend the time for award. The request will be forwarded to ISTHA's Chief of Diversity and Strategic Development. The Chief of Diversity and Strategic Development may extend an opportunity to the Bidder to meet in person in order to consider all issues of whether the Bidder made a good faith effort to meet the goal. Such meeting shall extend the time for a decision. After the review by the Chief of Diversity and Strategic Development, the Bidder will be sent a written decision within 10 working days after receipt of the request for reconsideration or the date of the meeting, explaining the basis for finding that the Bidder did or did not meet the goal or make adequate good faith efforts to do so. A final decision by the Chief of Diversity and Strategic Development that a good faith effort was made shall approve the DBE Utilization Plan submitted by the Bidder and shall clear the contract for award. A final decision that a good faith effort was not made shall render the bid non-responsive. The administrative reconsideration procedures described in this section are not intended to allow a Bidder to have an additional opportunity to submit a new DBE Utilization Plan or evidence of additional good faith efforts performed after bid submission.

7. CONTRACT COMPLIANCE

7.1 Forms to be Submitted

All work indicated for performance by an approved DBE shall be performed, managed and supervised by the DBE executing the DBE Form 2025 - Participation Statement.

To receive a notice to proceed, the Contractor must submit for the Tollway's review signed subcontracts with all DBEs proposed to meet the goal within 20 calendar days of award.

A Contractor that seeks credit for the use of DBE trucking services must submit an affidavit attesting to compliance with this Special Provision for counting trucking costs on Form 2024. Form 2024 must be submitted when the contract is 25 percent, 50 percent, 75 percent and 100 percent completed. The Contractor must issue separate checks to trucking firms for each Tollway project by job number and associated pay item, not include multiple contracts on one payment.

7.2 Changes to the DBE Utilization Plan

The Contractor may not make changes to its contractual DBE commitments, substitute a DBE subcontractor or make any other changes to the DBE Utilization Plan without the prior written approval of the Tollway's Diversity and Strategic Development Department. Unauthorized changes or substitutions, including performing the work designated for a subcontractor with the Contractor's own forces, shall be a violation of this Special Provision and a breach of the contract.

If a Change Order or Extra Work order is issued by the Tollway or Contingency Work is authorized, the Contractor, in ISTHA's discretion, may be required to amend its DBE Utilization Plan to reflect the recalculated DBE dollars and any percentage change in the goal. The DBE contract goal may change in the Tollway's discretion to reflect a Change Order or Extra Work Order or the authorization of Contingency Work.

The facts supporting the request for changes to the DBE Utilization Plan must not have been known or reasonably could not have been known by the parties prior to entering into the subcontract. The Contractor must negotiate in good faith with the subcontractor to resolve the problem. If requested by either party, the Tollway shall facilitate such a meeting. Where there has been a mistake or disagreement about the scope of work, the DBE can be substituted only where agreement cannot be reached for a reasonable price or reasonable schedule for the correct scope of work.

Substitutions of a DBE subcontractor shall be permitted only under the following circumstances:

7.2.1 Unavailability after receipt of reasonable notice to proceed;

7.2.2 Failure of performance;

7.2.3 Financial incapacity;

7.2.4 Refusal by the subcontractor to honor the bid or bid price or scope or schedule;

7.2.5 Material mistake of fact or law about the elements of the scope of work of a solicitation where a reasonable price cannot be agreed;

7.2.6 Failure of the subcontractor to meet insurance, licensing or bonding requirements;

7.2.7 The subcontractor's withdrawal of its bid or bid; or

7.2.8 Decertification of the subcontractor as a DBE, other than on the basis of its exceeding firm size or personal net worth limits.

If it becomes necessary to substitute a DBE or otherwise change the DBE Utilization Plan, the Contractor must notify the Diversity and Strategic Development Department in writing of the request to substitute a DBE or otherwise change the DBE Utilization Plan. The request must state specific reasons for the substitution or change. A letter from the DBE to be substituted or affected by the change stating that it cannot perform on the contract or that it agrees with the change in its scope of work must be submitted with the request. Any refusal by the DBE to provide such a letter must be documented by the Contractor. The Diversity and Strategic Development Department will approve or deny a request for substitution or other change in the DBE Utilization Plan in writing within 5 working days of receipt of the request.

Where the Contractor has established the basis for the substitution to the Tollway's satisfaction, it must make good faith efforts to meet the contract goal by substituting a DBE subcontractor. Documentation of a replacement DBE, or of good faith efforts, must meet the requirements in Section 6.6 If the contract goal cannot be reached and good faith efforts have been made, the Contractor may substitute with a non-DBE.

If the Contractor plans to hire a subcontractor for any scope of work that was not previously disclosed in the DBE Utilization Plan, the Contractor must obtain the approval of the Diversity and Strategic Development Department to modify the DBE Utilization Plan and must make good faith efforts to ensure that DBEs have a fair opportunity to bid on the new scope of work.

A new subcontract, a new Form 2025 for the substituted DBE (if applicable) and an amended DBE Utilization Plan must be executed and submitted to the Diversity and Strategic Development Department within S working days of the Contractor's receipt of the Tollway's approval for the substitution or other change.

7.3 The submission of the DBE Payment Report

DBE Payment reporting, in such form or format as specified by the Tollway, must be submitted as specified in the Diversity Payment Reporting Instructions posted on the Tollway's website.

The Contractor shall maintain a record of payments to DBEs and all other subcontractors and suppliers for work performed. The records shall be made available to ISTHA for inspection and copying upon request. After the performance of the final item of work or delivery of material by a DBE and final payment to the DBE by the Contractor, but not later than thirty (30) calendar days after payment has been made by ISTHA to the Contractor for such work or material, the Contractor shall submit a DBE Final Payment Report on ISTHA DBE Form 211S, or such other form or format as specified by the Tollway, to the Construction Manager. If full and final payment has not been made to the DBE, the Report shall indicate whether a disagreement concerning the final payment exists between the Contractor and the DBE or if the Contractor believes that the DBE's work has not been satisfactorily completed.

ISTHA reserves the right to withhold payment to the Contractor to enforce the provisions of this Special Provision. Final payment, including retention, shall not be made on the contract until such time as the Contractor submits DBE Form 2115, or such other form or format as specified by the Tollway, in accordance with this Special Provision or as otherwise directed by the Tollway.

8. SANCTIONS

The Tollway will periodically review the Contractor's compliance with this Special Provision and the terms of its contract with the Contractor, including the DBE Utilization Plan. Without limitation, the Contractor's failure to comply with this Special Provision or its DBE Utilization Plan, failure to cooperate in providing information regarding its compliance with this Special Provision or its DBE Utilization Plan, or provision of false or misleading information or statements concerning compliance, certification status of DBEs, good faith efforts or any other material fact or representation shall constitute a material breach of this contract and may result in damages to the Tollway. Such breach or damages entitle the Tollway to declare a default, terminate the contract, impose liquidated damages or exercise those remedies provided for in the contract or at law or in equity.

Sanctions may include, but are not limited to, monetary sanctions, including non-release of retainage; the monetary cost of audits resulting in findings of noncompliance; liquidated damages based on the damage to the Tollway from the Contractor's lack of good faith efforts and failure to meet the other requirements of this Special Provision in an amount up to the monetary difference between the amount committed to by the Contractor in its DBE Utilization Plan and the amount actually paid to DBEs; deeming the Contractor non-responsible with respect to future business with the Tollway; and any other sanctions as are permitted by law.

In imposing sanctions, the Tollway will consider the *bona fide* efforts of the Contractor to meet the DBE goal, its history of good faith efforts on other Tollway contracts, the size of the contract, the degree to which the Contractor fell below the DBE goal, and other factors deemed relevant by the Tollway.

The Contractor may appeal the decision to impose sanctions within 5 working days of its receipt of the written decision by filing an appeal in hard copy or electronic format with the Illinois State Toll Highway Authority's Sanctions Committee. Actual delivery of the hard copy and electronic formats within the 5 business days is required and mere posting by mail within that period is not sufficient. An appeal may provide additional documentation and/or arguments and request an oral presentation to the Tollway's Sanctions Committee. The Tollway's Sanctions Committee shall notify the Contractor in writing of the final determination and the basis for the determination within 10 working days after receipt of the appeal or after the date of the oral presentation by the Contractor, whichever is later. The Contractor may appeal an adverse decision within 5 working days of receipt of the final determination to the Executive Director by filing an appeal in hard copy and electronic format to the Illinois State Toll Highway Authority, Executive Director, 2700 Ogden Avenue, Downers Grove, Illinois 60515-1703, DBE@getipass.com. The Executive Director or his/her designee, which designee shall not be employed within the Tollway's Diversity Department, may solicit information from the Contractor, the Diversity and Strategic Development Department, the Chief of Diversity and Strategic Development, the Law Department, Internal Audit, the Procurement Department, and anyone else in his/her discretion, and shall render a final decision on the Contractor's appeal within 30 calendar days

9. INACCURATE OR FRAUDULENT REPORTING

The Contractor has a duty to accurately report information pursuant to this Special Provision. A Contractor who fails to supply accurate information is subject to sanctions imposed by the Tollway. A Contractor who intentionally supplies inaccurate information may be subject to civil and/or criminal sanctions.

10. OTHER REGULATIONS

The adherence to the DBE goal does not abrogate other responsibilities of the Contractor to comply with affirmative action requirements under federal or state law, municipal ordinance, prevailing government regulations or terms contained elsewhere in the Contract.

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
DBE FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR:_____
CONTACT NAME:_____
CONTACT PHONE NUMBER:_____
CONTACT E-MAIL:_____

CONTRACT NUMBER_____

Check one:

☐ Contractor will meet or exceed the DBE Contract Goal and will provide Disadvantaged Business Participation as presented below.

☐ Contractor will meet or exceed the DBE Contract Goal because PRIME BIDDER IS A DBE.

☐ Contractor requests a waiver of the DBE Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request, including Good Faith Efforts - Form 2023.

DOLLAR AMOUNT OF WAIVER REQUEST:_____

PERCENTAGE OF WAIVER REQUEST: _____

Instructions to Bidders:

1. Bidders are required to comply with the Special Provision.
2. Submit only one DBE Utilization Plan for each Project.
3. This Utilization Plan, Form 2026 must:
   –be submitted with the bid or the bid may be deemed non-responsive
   –be an accurate representation of work and pricing agreed upon between the prime and the DBE firm prior to bid submission
4. The Participation Statement(s) (DBE Form 2025), with original signatures, pay item description and pricing are to be submitted to Tollway Diversity at constructionbid@getipass.com by 5 p.m. on the fifth calendar day after notification to the prime by the Tollway of apparent low Bidder status
5. Each company listed on the Utilization Plan and subsequent Participation Statement must be listed in a certifying agency's database as stipulated in the Special Provision at the time of bid submission to be considered acceptable for DBE credit
6. In no case should a Contractor remove, replace or reduce the commitment to a DBE listed in the initial Utilization Plan on the Participation Statement without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

DBE UTILIZATION PLAN		
DBE Firm Name	Scope of Work Brief description of overall work to be performed	DBE - Amount ($) If supplier, enter 60% credit amount.
	TOTAL	

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required.
Form 2026 - 03/2018

_____
Signature

Date: 11/5/2019

To: Contact Name: Shamik Amin
Contractor Company Name: Judlau Contracting, Inc.

From Graciela Perez
DBE Project Specialist

Please note in accordance with the Procurement code (30 ILCS 500), section 50-11 prohibits a person from entering into a contract with a State agency, or entering into a sub-contract, if it, or any affiliate, is delinquent in the payment of any debt to the State, unless the person or affiliate has entered into a deferred payment plan to pay off the debt. (Procurement reform bill can be referenced on the Illinois Tollway website)

Subject: **DBE Plan Review** **Date Original Plan Submitted:** 11/5/2019 **Revision #** 0

Contract # I-19-4464 **Established DBE Goal:** 32.00 %

Contract Description: I-57 Roadway and Bridge Widening (Kedzie Ave to CSX RR) CD Roads A & C, I-294 Ramp Construction and Ramp L Toll Plaza Tri-State Tollway (I-294) mile Post SB- 350.0; NB-349.0 to Mile Post 350.6.

[X] Contractor's plan as submitted meets the established DBE goal for this contract

Notes:

DBE Plan as Submitted by apparent low bidder:

Core Bid Amount	$62,664,559.20

D/M/WBE Firm Name	Status (SB/Sup/TK)	Type	Scope	Contract Amount	Credit Amount	Credit %	Certifying Agency	Gender	Ethnicity
Bryan Environmental Consultants, Inc.	SB	WBE	Environmental	$214,894.00	$214,894.00	0.34 %	City of Chicago	F	Caucasian
Chicagoland Truckin Incorporated	Trucker	D/MBE	Trucking	$59,885.00	$59,885.00	0.09 %	City of Chicago	M	Hispanic
Divine Cement Inc.	SB	D/MBE	Flatwork/Paving	$1,393,143.50	$1,393,143.50	2.22 %	City of Chicago	M	African American
E King Construction Co., Inc.	Trucker	WBE	Trucking	$1,775,483.00	$1,775,483.00	2.83 %	City of Chicago	F	African American
Gim Electric Company, Inc.	SB	D/MBE	Electric	$1,056,000.00	$1,056,000.00	1.68 %	City of Chicago	M	Asian Pacific
Laredo Systems	SB	DBE	Landscaping	$546,573.26	$546,573.26	0.87 %	IDOT	M	Hispanic
Lotus Options, Inc.	SB	DBE	Paint	$642,908.20	$642,908.20	1.02 %	IDOT	M	Hispanic
MA Rebar Services, Inc.	SB	WBE	Rebar Furn/Erect	$3,648,772.52	$3,648,772.52	5.82 %	City of Chicago	F	Caucasian
Maintenance Coatings Co.	SB	D/WBE	Pavement Mark	$426,497.62	$426,497.62	0.68 %	City of Chicago	F	Caucasian
Metromex Contractors	SB	D/MBE	Asphalt	$3,381,420.75	$3,381,420.75	5.39 %	City of Chicago	M	Hispanic
R A Seaton Contractor Services, LLC	Trucker	DBE	Trucking	$482,539.00	$482,539.00	0.77 %	IDOT	F	Caucasian
S & J Construction Co., Inc.	SB	D/WBE	Signage/Erection	$4,103,694.55	$4,103,694.55	6.54 %	City of Chicago	F	Caucasian
S & J Construction Co., Inc.	SB	D/WBE	Electronic Foundation	$248,245.00	$248,245.00	0.39 %	City of Chicago	F	Caucasian
Sanco Services, Inc. (dba Sanco Traffic Control)	SB	DBE	Traffic Control	$1,068,270.52	$1,068,270.52	1.70 %	IDOT	M	Hispanic
Total # of subcontracts: 14			**TOTAL**	**$19,048,326.92**	**$19,048,326.92**	**30.39 %**			
Total # of subcontractors: 13			**Total %**	**30.39 %**	**30.39 %**				

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION
AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
	999NEG46	LIQUIDATED DAMAGES FOR NON-COMPLETION PER S.P. 105.1 3	CAL. DAY		$ (12,000.00)	
	999NEG49	DAMAGE TO FIBER OPTIC UTILITIES, PER S.P. 115.3	OCCUR		$ (10,000.00)	
	999NEG53	NON-COMPLIANCE WITH CONTRACTOR QUALITY PROGRAM SPECIAL PROVISION	OCCUR		$ (1,000.00)	
TSC		LIQUIDATED DAMAGES FOR IDOT TSC COMMUNICATIONS INTERUPTION PER SPECIAL PROVISION FOR "TEMPORARY AERIAL CABLE WITH MESSENGER WIRE (FIBER OPTIC NO. 62.5/125 96F) *	HOUR		$ (5,000.00)	
D1		ONE LANE OR RAMP BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		$ (3,000.00)	
D1		TWO LANES BLOCKED PER S.P. FAILURE TO OPEN LANES TO TRAFFIC	15 MINUTES		$ (5,000.00)	
D1		FAILURE TO MAINTAIN THE TRAFFIC SIGNAL INSTALLATION IN PROPER CONDITION PER MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION SPECIAL PROVISION	INC/DAY		$ (5,000.00)	
		TOTAL AMOUNT OF CONTINGENCY WORK + CONTRACTOR'S QUALITY PROGRAM (CQP)				$ 1,688,000.00

TOTAL AMOUNT OF CORE WORK + TOTAL AMOUNT OF CONTINGENCY WORK + CONTRACTOR'S QUALITY PROGRAM = TOTAL AMOUNT OF BASE BID	$ 24,352,559.2
ECP BID CREDIT	$ 500,000.00
AWARD CRITERIA	$ 63,852,559.7

Wrong Doc This should be in closed contingency amount

Note 1: The deduction will be according to Article 280.02 (b) (1) Table A. The Contractor should leave the unit price blank.

Special Provison Legend:

*	INDICATES SPECIAL PROVISION
**	INDICATES TOLLWAY SUPPLEMENTAL SPECIFICATION
***	INDICATES IDOT RECURRING/SUPPLEMENTAL SPECIAL PROVISIONS
BDE	INDICATES IDOT BDE SPECIAL PROVISIONS
D1	INDICATES IDOT DISTRICT 1 SPECIAL PROVISIONS
GBSP	INDICATES IDOT OR TOLLWAY GUIDE BRIDGE SPECIAL PROVISIONS
TSC	INDICATES IDOT TRAFFIC SYSTEMS CENTER SPECIAL PROVISIONS

OPENED 11/5 2019

BOND OR
CHECK ENCLOSED: YES__ NO__

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
DBE FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR: Judlau Contracting
CONTACT NAME: Shamik Amin
CONTACT PHONE NUMBER: 630-387-6040
CONTACT E-MAIL: shamik.amin@ohlna.

CONTRACT NUMBER I-19-4464

Check one:

☒ Contractor will meet or exceed the DBE Contract Goal and will provide Disadvantaged Business Participation as presented below.

☐ Contractor will meet or exceed the DBE Contract Goal because PRIME BIDDER IS A DBE.

☐ Contractor requests a waiver of the DBE Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Special Provision in support of this request, including Good Faith Efforts - Form 2023.

DOLLAR AMOUNT OF WAIVER REQUEST: _____

PERCENTAGE OF WAIVER REQUEST: _____

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DBE UTILIZATION PLAN

DBE Firm Name	Scope of Work Brief description of overall work to be performed	DBE - Amount ($) If supplier, enter 60% credit amount.
Metromex Contractors	Asphalt	3,381,420.75 ✓
Divine Cement	Flatwork/Paving	1,393,143.50 ✓
Lotus Options	Paint	642,908.20 ✓
Laredo Systems	Landscaping	546,573.26 ✓
Maint Coatings (2nd Tier)	Pvmt Mark	426,497.62 ✓
Sanco Traffic Control	Traffic Control	1,068,270.52 ✓
Bryan Environmental	Environmental	214,894.00 ✓
Gim Electric (2nd Tier)	Electric	1,056,000.00 ✓
S&J (2nd Tier)	Electric Foundation	248,245.00
S&J Construction	Signage	1,572,500.50
S&J Construction	Erection	2,531,194.05
	TOTAL	See Page 2

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required.
Form 2026 - 03/2016

[redacted] Signature

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
DBE FORM 2026 - UTILIZATION PLAN

PRIME CONTRACTOR: Judlau Contracting
CONTACT NAME: Shamik Amin
CONTACT PHONE NUMBER: 630-387-6040
CONTACT E-MAIL: shamik.amin@ohlna.

CONTRACT NUMBER I-19-4464

Check one:

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PERCENTAGE OF WAIVER REQUEST: _____

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DBE UTILIZATION PLAN

DBE Firm Name	Scope of Work Brief description of overall work to be performed	DBE - Amount ($) If supplier, enter 60% credit amount.
M.A. Rebar Services	Rebar Furn & Erect	3,648,772.52
E King Construction	Trucking	1,775,483.00
RA Seaton Contractor	Trucking	482,539.00
Chicagoland Truckin	Trucking	59,885.00
	TOTAL	14,048,326.92

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required.
Form 2026 - 03/2018

[redacted]
Signature

No. 00701

Illinois State Toll Highway Authority

This Certifies that Judlau Contracting Inc. has earned a total of $745,542.16 through a Tollway Bid Credit Program and is using that credit toward a bid project convened by the Illinois State Toll Highway Authority with the understanding that the credit is fully endorsed by the Tollway.

In Witness Whereof, the said Corporation has caused this Certificate to be signed by its duly authorized officers and its Corporate Seal is to be hereunto affixed this 25-September-2019

Illinois Tollway

The owner of this certificate # 00701 is tendering $ 500,000 credits for use on bid for contract #I-19-4864 on (date) 11/05/2019. I understand that any credits not utilized for a winning bid will be returned.

Signed: [redacted]

Certificate No.

00701

Issued To:

Judlau Contracting Inc.

Dated:

September 25, 2019

In the Amount of:

$745,542.16

Certificate Issued By:

Issuance of this Certificate supersedes and voids all previously issued Certificates

Participants:

Pay Period

06/03/2019 - 08/18/2019

Chasity Winiecki, Peter Rychtarczyk, Alfredo Rodriguez, Thaer Othman, Abigail Orent, Cesar Jaramillo, Matthew Flores, Luis Campos, Josh Bilthuis, Francisco Alferez

Bids/Contracts:

None

Other Credits:

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	Metromex Contractors, Inc.
CIRCLE ALL THAT APPLY:	DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:						
PRIME: ____	JV PARTNER ____	SUBCONTRACTOR XX	TRUCKER ____	SUPPLIER ____	MANUFACTURER ____	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): [Y] N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	See Attached Quotation					
	TOTALS FOR THIS DBE FIRM:					$3,381,420.75

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #1S671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/2019

Signature for Prime Contractor — Title — Date

Contact: Shamik Amin
Firm Name: Judlau Contracting, Inc.
E-mail: shamik.amin@ohlna.com
Phone: 630-387-6040
Address: 1011 Warrenville Rd. #195 Lisle, IL 60532

[redacted] Vice President 11/5/19

Signature for DBE Contractor — Title — Date

Contact: Daniel Rojas
Firm Name: Metromex Contractors, Inc.
E-mail: drojas@metromex1.com
Phone: 708-485-3000
Address: 9550 Sergo Dr, Suite 100, McCook, IL 60525

METROMEX CONTRACTORS INC.
CHICAGO, ILLINOIS

QUOTATION

9550 Sergo Drive Suite 100
McCook, IL 60525
Phone: (708)485-3000
Fax: (708) 485-3011

SA

PROPOSAL DATE	PROPOSAL FOR
November 5, 2019	ISTHA I-19-4464 I-57 ROAD & BRIDGE WIDENING, CD ROAD A &C AND I-294 RAMPS

ITEM NUMBER	PAY ITEM CODE	ITEM DESCRIPTION	No. of Strips	Shift type	Unit of Measure	QUANTITY	X	UNIT PRICE	=	TOTAL PRICE
	31200502	STAB SUBBASE- HMA 4 1/2"	14		SY	64,461		$ 22.60		$ 1,231,270.90
	40600276	BIT MATL. PRIME COAT			LB	29,219		$ 0.01		$ 292.19
	40600280	BIT MATL. TACK COAT			LB	9,666		$ 0.01		$ 96.66
	40600535	LEVEL BINDER (MM), N70			TON	15		$ 213.80		$ 3,207.00
	40600535	LEVEL BINDER (MM), N70	1 1/2		TON	784		$ 113.20		$ 88,484.80
	40600982	HMA SURF REM IN	1 1/2		SY	407		$ 67.00		$ 27,269.00
	40603095	HMA BINDER CSE, IL-19.0, N70	1/4		TON	142		$ 112.20		$ 15,932.40
	40603549	HMA SURFACE CSE, MIX D, N70	2 3/4		TON	1,989		$ 107.00		$ 212,181.00
	42000070	PAVT CON (HMA) BRIDGE APP SLAB	1		SY	122		$ 163.30		$ 19,922.60
	44000167	HMA SURF REM 2"	1		SY	5,173		$ 4.10		$ 21,209.30
	44201695	CL D PATCH, TY IV, 4"			SY	50		$ 67.30		$ 2,665.00
	44203221	HMA SHLD, 6"	3		SY	2,468		$ 47.90		$ 117,977.70
	44203049	HMA SHLD, 18"	7		SY	8,197		$ 68.70		$ 563,133.90
	X0320089	TEMP PAVT, INTERSTATE	7		SY	9,103		$ 97.40		$ 887,102.20
	X0325201	SHLD RUMBLE STRP REM	2		SY	1,313		$ 35.60		$ 46,611.60
	X4060002	POLY HMA BINDER CSE, SMA, 12.5, N80	1		TON	694		$ 126.10		$ 86,619.40
	X4060006	POLY HMA SURFACE CSE, SMA, 12.5, N80	5		TON	4,160		$ 121.00		$ 503,360.00
	X4400166	HMA SURF REM VD	6		SY	24,803		$ 5.80		$ 143,887.40
	Z0034106	MATERIAL TRANSFER DEVICE			TON	4,854		$ 8.50		$ 41,259.00
	Z0062400	TEMP PAVEMENT	7		SY	569		$ 70.00		$ 39,853.00
	JI312022	STAB SUBBASE - WMA 3"	1		SY	4,207		$ 16.80		$ 70,677.60
	JI312024	STAB SUBBASE - WMA 4"	1		SY	1,129		$ 34.20		$ 38,611.80
	JI406107	ASPHALT TACK COAT			LB	490		$ 0.01		$ 4.90
	JI462104	WMA SHLD 6"	1 7/8		SY	4,838		$ 33.50		$ 145,323.00
	JI462112	WMA SHLD 8"	1/8		SY	48		$ 65.30		$ 3,923.80

DR 11/13/19

DR 11/13/19

DR 11/13/19

EXCLUSIONS:
1. General Contractor is responsible to ensure sub base is at proper grade prior our paving operation.
2. The preparation of a firm basal sub-base at proper elevation is to be performed by others.
3. If a HMA sub base overbuild is required, it is not included.
4. For All Class D Patches, we do not include the cost of any removal or preparation.
5. We exclude any trenching of asphalt prior to PCC placement; pavement will be placed on grade.
6. Prices are based on having productive mobilizations, based on an approved schedule prior to work.
7. Our quote does not include any overtime or weekend surcharge and is based on Monday through Friday for a normal work week.
8. We do not participate in liquidated damages or incentive plans as we have no control of project schedule.
9. Cleaning of sewer and structures is not included.
10. Layout, Traffic Control, Saw Cuts, special insurance, bonds, permits, state sales tax, are not included.
11. If we are scheduled to pave adjacent to newly poured concrete, we will require the concrete to be fully cured before we place any HMA.
12. We reserve the right to refuse any additional work added by the owner or fines charged by the owners Engineers and the quoted prices are for only the items shown on the for BID list of Plans.
13. We elect to use the Bituminous Index if available and must be satisfied with your bid.
14. Bituminous QC/QA Testing is included for the above items
15. Additionally, this quotation page must be part of the subcontractor agreement.

NOTES:
- Prices are based on having productive mobilizations, based on an approved schedule prior to work. We have shown the estimate workings days and production rates used during the bidding process above; if additional working days are required our Minimum daily rate is $10,000.00 payable by the GC as we have no control over project schedule or sequence of operations.
- All Materials are guaranteed to be as specified, and the above work to be performed in accordance with the drawing and specifications.

Work to be completed by December 1st, 2021

Total ~~$ 4,057,806.55~~ $ 3,381,420.75

Proposal Prepared by: _____

Approval of Proposal: _____

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Date: _____ General Contractor Signature: _____

MBE CERTIFIED

MBE Letter of Intent/ Certification will be forwarded on request.
Please contact us at (708) 485-3000
with any questions or comments.
Thank you for your business!

DBE CERTIFIED

QUOTATION

9550 Sergo Drive Suite 10(
McCook, IL 6052
Phone: (708)485-300(
Fax: (708) 485-301

SA

PROPOSAL DATE

November 5, 2019

PROPOSAL FOR

ISTHA I-19-4484
I-57 ROAD & BRIDGE WIDENING,
CD ROAD A &C AND I-294 RAMPS

ITEM NUMBER	PAY ITEM CODE	ITEM DESCRIPTION	# of Shifts	Shift type	Unit Of Measure	QUANTITY	X	UNIT PRICE	=	TOTAL PRICE
	31200502	STAB SUBBASE- HMA 4 1/2"	14		SY	54,481		$ 22.60		$ 1,231,270.60
	40600275	BIT MATL PRIME COAT			LB	29,219		$ 0.01		$ 292.19
	40600290	BIT MATL TACK COAT			LB	9,666		$ 0.01		$ 96.66
	40600535	LEVEL BINDER (HM), N70			TON	15		$ 213.80		$ 3,207.00
	40600635	LEVEL BINDER (MM), N70	1 1/2		TON	764		$ 113.20		$ 86,484.80
	40600982	HMA SURF REM BJ	1 1/2		SY	407		$ 67.00		$ 27,269.00
	40603085	HMA BINDER CSE, IL-19.0, N70	1/4		TON	142		$ 112.20		$ 15,932.40
	40603340	HMA SURFACE CSE, MIX D, N70	2 3/4		TON	1,963		$ 107.00		$ 212,181.00
	42000070	PAVT CON (HMA) BRIDGE APP SLAB	1		SY	122		$ 163.30		$ 19,922.60
	44000157	HMA SURF REM 2"	1		SY	5,173		$ 4.10		$ 21,209.30
	44201696	CL D PATCH, TY IV, 4"			SY	50		$ 57.30		$ 2,865.00
	48203021	HMA SHLD, 5"	3		SY	2,463		$ 47.90		$ 117,977.70
	48203049	HMA SHLD, 13"	7		SY	8,197		$ 68.70		$ 563,133.90
	X0325085	TEMP PAVT (INTERSTATE)	7		SY	9,429		$ 67.40		$ 635,copy.20
	X0325201	SHLD RUMBLE STRIP REM	2		SY	1,313		$ 35.50		$ 46,611.50
	X4060002	POLY HMA BINDER CSE, SMA, 12.5, N80	1		TON	684		$ 125.10		$ 85,619.40
	X4060006	POLY HMA SURFACE CSE, SMA, 12.5, N80	5		TON	4,160		$ 121.00		$ 503,360.00
	X4400188	HMA SURF REM VD	6		SY	24,853		$ 5.80		$ 142,987.40
	Z0034105	MATERIAL TRANSFER DEVICE			TON	4,854		$ 8.50		$ 41,259.00
	Z0062450	TEMP PAVEMENT	1		SY	555		$ 70.60		$ 39,253.69
	JI312022	STAB SUBBASE - WMA 3"	1		SY	4,207		$ 16.80		$ 70,677.60
	JI312024	STAB SUBBASE - WMA 4"	1		SY	1,129		$ 34.20		$ 38,611.80
	JI406107	ASPHALT TACK COAT			LB	490		$ 0.01		$ 4.90
	JI482104	WMA SHLD 8"	1 7/8		SY	4,338		$ 33.50		$ 145,323.00
	JI482112	WMA SHLD 9"	1/8		SY	46		$ 85.30		$ 3,923.80

EXCLUSIONS:

1. General Contractor is responsible to assure sub base is at proper grade prior our paving operation.
2. The preparation of a firm base/sub-base at proper elevation is to be performed by others.
3. If a HMA sub base overbuild is required, it is not included.
4. For All Class D Patches, we do not include the cost of any removal or preparation.
5. We exclude any trimming of asphalt prior to PCC placement; pavement will be placed on grade.
6. Prices are based on having productive mobilizations, based on an approved schedule prior to work.
7. Our quote does not include any overtime or weekend surcharge and is based on Monday through Friday for a normal work week.
8. We do not participate in liquidated damages or incentive plans as we have no control of project schedule.
9. Cleaning of sewer and structures is not included.
10. Layout, Traffic Control, Saw Cuts, special insurance, bonds, permits, state sales tax, are not included.
11. If we are scheduled to pave adjacent to newly poured concrete, we will require the concrete to be fully cured before we place any HMA.
12. We reserve the right to refuse any additional work added by the owner or items changed by the owners Engineers and the quoted prices are for only the items shown on the for BID Set of Plans.
13. We elect to use the Bituminous Index if available and must be submitted with your bid.
14. Bituminous QC/QA Testing is included for the above items.
15. Additionally, this quotation page must be part of the subcontractor agreement.

NOTES:

- Prices are based on having productive mobilizations, based on an approved schedule prior to work. We have shown the estimate workings days and production rates used during the bidding process above, if additional working days are required our Minimum daily rate is $10,500.00 payable by the GC as we have no control over project schedule or sequence of operations.
- All Materials are guaranteed to be as specified, and the above work to be preformed in accordance with the drawing and specifications.

Work to be completed by December 1st, 2021

Total ~~$ 4,057,806.55~~ $ 3,381,420.-

Proposal Prepared by: _____

Approval of Proposal: _____

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Date: _____ General Contractor Signature: _____

MBE Letter of Intent/ Certification will be forwarded on request.
Please contact us at (708) 485-3000
with any questions or comments.
Thank you for your business!

Illinois Department of Transportation

Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

March 25, 2019

CERTIFIED-RETURN RECEIPT REQUESTED

Mr. Federico Rojas
Metromex Contractors, Inc.
9550 Sergo Dr., Ste. 100
McCook, IL 60525

Dear Mr. Rojas:

The Illinois Department of Transportation (IDOT) has approved the *No Change Affidavit* for Metromex Contractors, Inc. and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

To remain certified and in good standing, you must annually submit a *No Change Affidavit.* IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there is a change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

E. Diane Cook Felton, Manager
DBE Certification Section
Bureau of Small Business Enterprises

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Metromex Contractors, Inc.
Federico Rojas
9550 Sergo Dr., Ste. 100
McCook, IL 60525

Email: frojas@metromex1.com
Phone: (708) 485-3000
Fax: (708) 485-3011

County: Cook

Categories: Construction

NAICS	Specialty
237310-Highway, Street, & Bridge Construction	237310- PAVEMENT PATCHING
237990-Other Heavy and Civil Engineering Construction	BITUMINOUS PAVING
	CURB & GUTTER, SIDEWALKS
	237990- DRAINAGE
238110-Poured Concrete Foundation and Structure Contractors	238110- MISCELLANEOUS CONCRETE

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Version: 1.1.27.54

Certification: View

Help & Tools

Certification List

Vendor Information

Business Name	**Metromex Contractors, Inc.**
VendorID	**20060772**
Primary Owner's Name	**Mr. Federico Rojas**
Company Type	**Corporation**
Ethnic Group	
Gender	

Certification Information

Certifying Agency	**Illinois Unified Certification Program**
Certification Type	**DBE - Disadvantaged Business Enterprise**

Contact Information

Main Company Email	**frojas@metromex1.com**
Main Phone	**708-485-3000**
Main Fax	**708-485-3011**
Main Company Website	**http://N/A**

Addresses

Physical Address	**9550 Sergo Dr., Ste. 100 McCook, IL 60525**
Mailing Address	**9550 Sergo Dr., Ste. 100 McCook, IL 60525**

Business Capabilities

Business certified for	**PAVEMENT PATCHING; BITUMINOUS PAVING; CURB & GUTTER, SIDEWALKS; DRAINAGE; MISCELLANEOUS CONCRETE; Highway, Street, & Bridge Construction; Other Heavy and Civil Engineering Construction; Poured Concrete Foundation and Structure Contractors**	
Full Description of Capabilities/Products		
Commodity Codes	**NAICS 237310**	**Highway, Street, and Bridge Construction (More)**
	NAICS 237990	**Avalanche, rockslide, mudslide, or roadside protection construction (More)**
	NAICS 238110	**Poured Concrete Foundation and Structure Contractors (More)**

Owner Ethnicity and Gender

Ethnic Group	
Gender	

Location

County	**Cook (IL)**

Certification List

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Certification: View

Help & Tools

Certification List

Vendor Information	
Business Name	Metromex Contractors, Inc.
VendorID	20060772
Primary Owner's Name	Mr. Federico Rojas
Company Type	Corporation
Ethnic Group	Hispanic/Latino
Gender	Male

Certification Information	
Certifying Agency	City of Chicago
Certification Type	MBE - Minority Business Enterprise
Effective Date	6/3/2019
Renewal Date	5/15/2020

Contact Information	
Main Company Email	wepave@metromex1.com
Main Phone	708-485-3000
Main Fax	708-485-3011
Main Company Website	http://N/A

Addresses	
Physical Address	9550 Sergo Dr. Suite 100 McCook, IL 60525
Mailing Address	9550 Sergo Dr. Suite 100 McCook, IL 60525

Business Capabilities		
Business certified for	NAICS 237310 Asphalt paving (i.e., highway, road, street, public sidewalk) NAICS 238990 Special Trade Contractors	
Full Description of Capabilities/Products	NAICS 237310 Asphalt paving (i.e., highway, road, street, public sidewalk) NAICS 238990 Special Trade Contractors	
Commodity Codes	NAICS 237310	Asphalt paving (i.e., highway, road, street, public sidewalk) (More)
	NAICS 238990	All Other Specialty Trade Contractors (More)

Owner Ethnicity and Gender	
Ethnic Group	Hispanic/Latino
Gender	Male
DBE Ethnic Group	Hispanic American

Location

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	Divine Cement INC
CIRCLE ALL THAT APPLY:	DBE (MBE) WBE SBA 8(A)

CHECK ALL THAT APPLY:						
PRIME	JV PARTNER	SUBCONTRACTOR X	TRUCKER	SUPPLIER	MANUFACTURER	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y (N)	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) Reduce to 60% of contract amount if firm is a SUPPLIER
	Please					
	See Attached					
	TOTALS FOR THIS DBE FIRM:					1,393,143.50

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item IIS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. Please See Attached

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor — Title — Date

[redacted] 11/4/2019

Signature for DBE Contractor — Title — Date

Contact: Shamik Amin
Firm Name: Judlau Contracting, Inc.
E-mail: shamik.amin@ohlna.com
Phone: 630-387-6040
Address: 1011 Warrenville Rd. #195 Lisle, IL 60532

Contact: Lawrence Greed
Firm Name: Divine Cement INC
E-mail: Estimating@divineCement.com
Phone: 815-719-1315
Address: 811 Pearson DR Joliet IL 60435

(V 7/2019) DBE - 13

CONTRACT # Contract No I-19-4464

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	Divine Cement INC
CIRCLE ALL THAT APPLY:	DBE (MBE) WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	Please See Attached					
			TOTALS FOR THIS DBE FIRM:			1,393,143.50

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item 895671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. Please See Attached

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor — Title — Date

Contact: Shamik Amin
Firm Name: Judlau Contracting, Inc.
E-mail: shamik.amin@ohlna.com
Phone: 630-387-6040
Address: 1011 Warrenville Rd. #195 Lisle, IL 60532

[redacted] 11/4/2019

Signature for DBE Contractor — Title — Date

Contact: Lawrence GREEN
Firm Name: Divine Cement INC
E-mail: Estimating@divine-Cement.com
Phone: 815-719-1315
Address: 811 PEARSON DR Joliet IL 60435

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION
AND RAMP L TOLL PLAZA

S.P.	PAY ITEM NUMBER	DESIGNATION	UNIT OF MEASURE	QUANTITY	UNIT PRICE DOLLARS	AMOUNT DOLLARS
"	42600541	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQYD	515.00	$ 66.00	$ 35,020.00
"	42100340	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	1,488.00	$ 60.00	$ 89,280.00
"	42100350	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 13"	SQ YD	682.00	$ 70.00	$ 48,340.00
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	17,364.00	$ 5.70	$ 98,755.80
	42400600	DETECTABLE WARNINGS	SQ FT	97.00	$ 35.00	$ 3,395.00
D1"	44000700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	55.00	$ 60.00	$ 3,765.00
	J600915	B-2 MODIFIED GUTTER	FOOT	1,220.00	$ 35.00	$ 42,840.00
	61100100	SLOPE WALL 4 INCH	SQ YD	3,382.00	$ 60.00	$ 203,000.00
	60602600	CONCRETE GUTTER, TYPE B	FOOT	1,474.00	$ 36.00	$ 53,012.00
	60606600	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1,000.00	$ 36.00	$ 46,000.00
	60606650	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	2,260.00	$ 32.00	$ 72,320.00
	60606652	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	488.00	$ 36.00	$ 18,468.00
	60606600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.06	FOOT	51.00	$ 46.00	$ 2,346.00
	60619406	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24	FOOT	36.00	$ 36.00	$ 1,314.00
	60613600	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-6.24 (VARIABLE WIDTH GUTTER FLAG)	FOOT	51.00	$ 36.00	$ 1,881.56
	60610300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	8,133.00	$ 5.00	$ 39,895.00
	60610600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	2,033.00	$ 13.00	$ 27,445.50
D1	J6220600	TEMPORARY PAVEMENT (INTERSTATE)	SQ YD	9,453.00	$ 67.00	$ 639,631.00
D1	20602400	TEMPORARY PAVEMENT	SQ YD	888.00	$ 36.00	$ 32,348.00
"	J4200100	PORTLAND CEMENT CONCRETE PAVEMENT 12" (JOINTED)	SQ YD	3,123.00	$ 57.00	$ 178,011.00
"	J4401400	PORTLAND CEMENT CONCRETE SHOULDERS (JOINTED) 8"	SQ YD	55.00	$ 60.00	$ 3,780.00
QBSP	J6200220	HIGH PERFORMANCE CONCRETE MOMENT SLAB STRUCTURES	CU YD	461.00	$ 335.00	$ 155,335.00
"	J6120715	ENERGY ATTENUATOR CONCRETE PAD	SQ FT	115.00	$ 35.00	$ 4,025.00
		QC/ QA	L SUM	1.00	$ 127,000.00	$ 127,000.00
"	J7121300	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT AND SHOULDER (SPECIAL)(12.5L)	SQ YD	191.00	$ 65.00	$ 12,665.00
					TOTAL AMOUNT OF CORE WORK	$ -

Per L.

Divine Cement, Inc's proposal do not include stamp or removals. Our quotes $ 1,931,864.50

include standard Certificates of Insurance. Any additional insurance or specific

wording for the certificate of insurance that incure extra costs will be back charged to the prime. Pricing is

good through Dec. 31 2021 and does not include any incidentals not specifically mentioned. Any increase in

$1,393,143.50

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Divine Cement Inc.
Lawrence Green
811 Pearson Dr.
Joliet, IL 60435

County: Will

Email: lawrence.green32@yahoo.com

Phone: (815) 719-1315

Fax: (815) 582-4605

Categories: Construction

NAICS	Specialty
237310-Highway, Street, & Bridge Construction	237310- CURB & GUTTER, SIDEWALKS
238110-Poured Concrete Foundation and Structure Contractors	PAVEMENT PATCHING
	238110- MISCELLANEOUS CONCRETE

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Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/2

CONTRACT #	I-19-4464

DBE FIRM NAME:	LOTUS OPTIONS INC
CIRCLE ALL THAT APPLY:	~~DBE~~ (MBE) WBE SBA 8(A)

CHECK ALL THAT APPLY:						
PRIME _____	JV PARTNER _____	SUBCONTRACTOR ✓	TRUCKER _____	SUPPLIER _____	MANUFACTURER _____	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan.
Attach this form to the DBE Utilization Plan form, DBE Form 2026. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on DBE FIRM letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	SEE ATTACHED					
	TOTALS FOR THIS DBE FIRM:					642,908.20

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowa items and/or Mobilization item #JS671010, will not be approved within the DBE Utilization Plan for DBE subcontractors but credit may be allowed if performed as part of specific pay item(s) during contract execution. Reference Sections ii, VI.A.2 and VI.B.1 of the Special provision for DBE Participation. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amoun

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE** no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. **Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.**

[redacted] ESTIMATOR
Signature for Prime Contractor — Title

Date: 11/5/19
Contact: SHAMIK AMIN
Phone: 630-387-6040
Firm Name: JUDLAU CONTRACTING, INC.
Address: 1011 WARRENVILLE RD, #195 LISLE IL 60532

[redacted] PRESIDENT
Signature for DBE Contractor — Title

Date: NOVEMBER 4, 2019
Contact: PEDRO S. CARABALLO
Phone: 312-998-2991
Firm Name: LOTUS OPTIONS INC.
Address: 2 PAXOS DRIVE, STE 2W, PALOS HILLS, IL 60465

LOTUS
OPTIONS INC

2 PAXOS DRIVE
PALOS HILLS IL 60465
Phone: 312-998-2991
lotusoptions@gmail.com

November 4, 2019

Illinois State Toll Highway Authority
I-57 ROADWAY AND BRIDGE WIDENING AND REHABILITATION
KEDZIE AVE TO CSX RR ROADS A+C I-294 RAMP CONSTRUCTION AND RAMP L TOLL PLAZA
CONTRACT I-19-4464

Lotus Options Inc., proposes to furnish labor, material, insurance, equipment and supervision necessary to complete the work as follows:

50500105 FURNISHING AND ERRECTING STRUCTURAL STEEL (TOUCH UP STEEL, CONNECTION PAINTING, FASCIA BEAMS PAINTING ONLY)	L.SUM 1		$449,000.00
52200500 MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT.	44,766	$85,065.40
58700300 CONCRETE SEALER	SQ FT.	20,074	$27,099.90
XO327999 ANTI GRAFFITI COATING	SQ FT.	40,876	$81,752.90

$642,908.20

Qualifications: LOTUS OPTIONS INC. is a Union certified painting contractor. DBE, MBE, VOSB

Exclusions: All Surface Preparation Work associated with Type "A-514", "T-1", and/or "HT' High Strength, Low Alloy, Tempered and Quenched Structural Steel, Local permits, performance and payment bond, traffic control 'Flaggers" and traffic safety devices, railroad insurance and railroad flaggers if required, Longshoremen Ins and Shore to on lake project operator, boats and aerial man lifts, correction to damages caused by others, cleaning concrete spills, splashed on concrete or steel, climate control; of any kind, access to site, engineers field office, painting in areas and sections other than those listed in the bidding instructions, protecting painted surfaces from excessive dust and/or airborne contaminants after coating applications and OT premium differential for working off shift and/or weekend shift operations at the project Owners or Prime Contractor's request and/or direction to expedite the work or accommodate other scheduling changes. Cleaning of concrete splash on Steel beams, Diaphragms.

Clarifications: Per Plans and Specifications .. Bid proposal is based on including a separate Schedule of Values line item titled "MOBILIZATION" for Submittals, Engineering, Initial Layout and Work Plan which will be at 3% of the Total Sub-Contract Amount for LOTUS OPTIONS INC., Inc. and billed prior to startup of work. All Contract Indemnification Coverage furnish by LOTUS OPTIONS INC. is not based on "No Limits" and/or includes any other "Kotecki" language, and is based entirely on LOTUS OPTIONS Insurance Coverage Limits with $2M Commercial General Liability coverage and/or with $10M Umbrella Liability Coverage. Any Additional Force Account (Time and Material) that is required will be processed by immediately initiating an initial Contract Change Order in order to proceed with Force Account Work All Force Account work generated by LOTUS OPTIONS INC will be documented daily, copied and endorsed by the owner's and/or Prime Contractor's designated representative to confirm work completion, labor time, material consumption and/or equipment usage, and each invoice with Force Account work is to be paid out within 45 days of billing date. General Contractor to give access to all areas for Cleaning and Painting of Monotube and Bridges. No blasting of concrete. No lane closures or flaggers, traffic control. All concrete to be power washed and sealed.

Proposal Approved By: LOTUS OPTIONS INC

[redacted]

Pedro S. Caraballo 312-998-2991

OBDCR

Office of Business Diversity & Community Relations

Lotus Options, Inc.

is hereby certified as a

DISADVANTAGED BUSINESS ENTERPRISE

This certificate is valid under current firm ownership and operational control and supersedes any authorization or listing previously issued.

238320, 541611, 541620

NAICS Code(s): Description of company products/services as defined by the North American Industry Classification System (NAICS)

[redacted]

Janice R. Thomas, CPPB
Senior Division Director
Office of Business Diversity & Community Relations

2/7/2019

Date

DISADVANTAGED BUSINESS ENTERPRISE
Metra
CERTIFIED

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Lotus Options Inc.
Pedro Caraballo
2 Paxos Drive
Palos Hills, IL
60465-0000

Email: lotusoptions@gmail.com
Phone: 312-998-2991
Fax:

County: Cook

Categories: Construction, Professional

NAICS	Specialty
238320 - Painting and Wall Covering Contractors	238320 - Painting and Wall Covering Contractors
541611 - Administrative Management and General Management Consulting Services	541611 - General Management Consulting Services
541620 - Environmental consulting services	541620 - Environmental, Health and Safety Consulting

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Version: 1.1.27.54

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/2

CONTRACT #	I-19-4464
DBE FIRM NAMED	LAREDO SYSTEMS
CIRCLE ALL THAT APPLY	(DBE) MBE WBE SBA (SA)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MARKET ACTIVATOR _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): (Y) N TIER 2 OR BELOW: Y N UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan.

Attach this form to the DBE Utilization Plan form, DBE Form 2026. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on DBE Firm letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to DBE of maximum amount if firm is a SUPPLIER)
	SEE ATTACHED					
	TOTALS FOR THIS DBE FIRM:					$546,573.26

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items and/or Mobilization Item #1571010, will not be approved within the DBE Utilization Plan for DBE subcontractors but credit may be allowed if performed as part of specific pay Item(s) during contract execution. Reference Sections X, VI.A.2 and VI.B.1 of the Special provision for DBE Participation. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the subcontractor to contract sanctions.

[redacted] E. SOMATOR

Shamik Amin
Judlau Contracting, Inc.
shamik.amin@ohlna.com
630-387-6040
1011 Warrenville Rd. #195 Lisle, IL 60532

[redacted] MANAGER

Date: 10-31-19
Contact: ENRIQUE JAIME
Phone: 915-544-0454
Firm Name: LAREDO SYSTEMS
Address: 11933 COUNTY LINE RD. GARDEN PRAIRIE, IL 61036

LAREDO SYSTEMS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

DESIGNATION	PAY ITEM NO.	QUANTITY	UNIT	UNIT PRICE	AMOUNT
SEEDING, CLASS 2A	25000210	7.50	ACRE	$1,400.00	$10,500.00
SEEDING, CLASS 4A	25000312	12.25	ACRE	$1,300.00	$15,925.00
SEEDING, CLASS 5	25000320	12.25	ACRE	$3,400.00	$41,650.00
NITROGEN FERTILIZER NUTRIENT	25000400	1,056.00	POUND	$2.50	$2,640.00
PHOSPHORUS FERTILIZER NUTRIENT	25000500	1.00	POUND	$3.00	$3.00
POTASSIUM FERTILIZER NUTRIENT	25000600	2,354.00	POUND	$2.50	$5,885.00
EROSION CONTROL BLANKET	25100630	193,741.00	SQ Y	$0.90	$174,366.90
SODDING, SALT TOLERANT	25200110	3,492.00	SQ Y	$10.00	$34,920.00
SUPPLEMENTAL WATERING	25200200	4,423.00	UNIT	$0.01	$44.23
TEMPORARY EROSION CONTROL SEEDING	28000250	8,268.00	POUND	$2.00	$16,536.00
ARTICULATED BLOCK REVETMENT MATS	28500400	36.00	SQ Y	$250.00	$9,000.00
SEEDING, CLASS 2E	JS250220	0.25	ACRE	$1,600.00	$400.00
SEEDING, CLASS 3E	JS250305	2.75	ACRE	$2,300.00	$6,325.00
MANAGEMENT OF EROSION AND SEDIMENT CONTROL	JS280020	24.00	CAL	NO BID	$0.00
SILT FENCE	JS280050	17,465.00	FOOT	$2.45	$42,789.25
RE-ERECT SILT FENCE	JS280051	3,493.00	FOOT	$2.45	$8,557.85
SUPER SILT FENCE	JS280100	480.00	FOOT	$14.00	$6,720.00
TEMPORARY STABILIZATION WITH STRAW MULCH	JS280150	18.50	ACRE	$2,200.00	$40,700.00
SAME-DAY STABILIZATION	JS280151	26,303.00	SQ Y	$0.01	$263.03
RECTANGULAR INLET PROTECTION	JS280180	53.00	EACH	$150.00	$7,950.00
FILTER FABRIC INLET PROTECTION, BASKET TYPE	JS280210	189.00	EACH	$190.00	$35,910.00
TEMPORARY DITCH CHECKS	JS280305	524.00	FOOT	$10.00	$5,240.00
TOPSOIL STKP TO PLACE (PARTIAL)	21101505	10,011.00	CU Y	$8.00	$80,088.00
SNOW PROTECTION FENCE (SPECIAL)	JT640002	16.00	FOOT	$10.00	$160.00

[redacted]

11/15/19

TOTAL: $546,573.26

LAREDO SYSTEMS

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
CONTRACT NO. I-19-4464
INTERSTATE 57 ROADWAY AND BRIDGE WIDENING (KEDZIE AVE TO CSX RR)
CD ROAD A & C
I-294 RAMP CONSTRUCTION AND RAMP L TOLL PLAZA
SCHEDULE OF PRICES

DESIGNATION	PAY ITEM NO.	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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EROSION CONTROL BLANKET	25100630	193,741.00	SQ Y	$0.90	$174,366.90
SODDING, SALT TOLERANT	25200110	3,492.00	SQ Y	$10.00	$34,920.00
SUPPLEMENTAL WATERING	25200200	4,423.00	UNIT	$0.01	$44.23
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ARTICULATED BLOCK REVETMENT MATS	28500400	36.00	SQ Y	$250.00	$9,000.00
SEEDING, CLASS 2E	JS250220	0.25	ACRE	$1,600.00	$400.00
SEEDING, CLASS 3E	JS250305	2.75	ACRE	$2,300.00	$6,325.00
MANAGEMENT OF EROSION AND SEDIMENT CONTROL	JS280020	24.00	CAL.	NO BID	$0.00
SILT FENCE	JS280050	17,465.00	FOOT	$2.45	$42,789.25
RE-ERECT SILT FENCE	JS280051	3,493.00	FOOT	$2.45	$8,557.85
SUPER SILT FENCE	JS280100	480.00	FOOT	$14.00	$6,720.00
TEMPORARY STABILIZATION WITH STRAW MULCH	JS280150	18.50	ACRE	$2,200.00	$40,700.00
SAME-DAY STABILIZATION	JS280151	26,303.00	SQ Y	$0.01	$263.03
RECTANGULAR INLET PROTECTION	JS280180	53.00	EACH	$150.00	$7,950.00
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TEMPORARY DITCH CHECKS	JS280305	524.00	FOOT	$10.00	$5,240.00
TOPSOIL STKP TO PLACE (PARTIAL)	21101505	10,011.00	CU Y	$8.00	$80,088.00
SNOW PROTECTION FENCE (SPECIAL)	JT640002	16.00	FOOT	$10.00	$160.00

TOTAL: $546,573.26

Metra

547 W. Jackson Boulevard Chicago IL 60661 312.322.6900 metrarail.cc

June 27, 2019

Enrique Jaime
Laredo Systems
11933 County Line Road
Garden Prairie, IL 61038-9607

Dear Mr. Jaime:

Metra has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to infor you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certificati eligibility standards set forth in 49 CFR Subpart D 26.61. Your next No Change Affidavit is due **June 2 2020.**

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (I UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, t Chicago Transit Authority, Metra and Pace.

If there is any change in your certification that affect your ability to meet size standards, disadvantaged statu ownership, or control requirements or any material change in the information provided in your initi application, you must provide written notification to this agency within thirty (30) days of the occurrence of t change. Failure to provide this information is grounds for removal of certification based on failure to coopera pursuant to 49 CFR 26.109(c).

Your firms name will appear in the IL UCP directory, which is used by prime contractors/consultants, as well a other agencies, to solicit participation of DBE firms. The Directory can be accessed at www.metrarail.co under the Business Diversity DBE link. Your firm's name will appear in the IL UCP DBE Directory under t following:

NAICS Code: 561730

Specialty: Landscaping and Erosion Control Services

Your participation on contracts will only be credited toward DBE contract goals when your firm performs in Commercially Useful Function (CUF) in its approved area(s) of specialty.

Sincerely,

[redacted]

Janice R. Thomas, CPPB
Senior Division Director
Office of Business Diversity & Community Relations

JRT:am/kb

Metra is the registered service mark for the Northeast Illinois Regional Commuter Railroad Corporation.

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Laredo Systems
Enrique Jaime
11933 County Line Rd.
Garden Prairie, IL
61038-9607

Email: larsys2@yahoo.com
Phone: 815-544-0454
Fax: 815-544-1088

County: McHenry

Categories: Miscellaneous

NAICS	Speciality
561730 - Landscaping Services	561730 - Landscaping and Erosion Control Services

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Version: 1.1.27.54

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-19-4464

DBE FIRM NAME: Sanco Traffic Control

CERTIFIED AS: (DBE) ESBE WBE SBA 8(A)

CHECK ALL THAT APPLIES:

PRIME ____ JV PARTNER ____ SUBCONTRACTOR X TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y N TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: Traffic Control & Protection

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getpass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) Reduce to 60% of contract amount if firm is a supplier
	SEE ATTACHMENT - WALL TRAFFIC					762,744.52 306,026.00
	TOTALS FOR THIS DBE FIRM:					1,068,770.52

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item 4156710I0, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19 2019 [redacted] General Manager 11/4/19

Signature for Prime Contractor — Title — Date — Signature for DBE Contractor — Title — Date

Contact: Shamik Amin
Firm: Judlau Contracting, Inc.
E-mail: shamik.amin@ohlna.com
Phone: 630-387-6040
Address: 1011 Warrenville Rd. #195 Lisle, IL 60532

Contact: Brandon Francis
Firm Name: Sanco Traffic Control
E-mail: BrandonFrancis@sancotraffic.com
Phone: 630-986-3137
Address: 200 Quaker Rd Rockford, IL 61104

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	Sanco Traffic Control
CHECK ALL THAT APPLY:	(DBE) AABE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTING: TIER 1 (DIR TO PRIME): Y N TIER 2 OR BELOW: (Y) N UNDER CONTRACT TO: Traffic Control & Protection

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO.*	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (equal to 100% of amount, except if DBE is a SUPPLIER)
	TOTALS FOR THIS DBE FIRM:					

Revised

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #2501010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

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[redacted] ESTIMATOR 11/5/19 2019 [redacted] General Manager 11/4/19

Signature for Prime Contractor Title Date Signature for DBE Contractor Title Date

Prime Contact: Shamik Amin
Prime Firm: Judlau Contracting, Inc.
Prime Email: shamik.amin@ohlna.com
Prime Phone: 630-387-6040
Prime Address: 1011 Warrenville Rd. #195 Lisle, IL 60532

DBE Contact: Brandon Francis
DBE Firm Name: Sanco Traffic Control
DBE Email: Brandon Francis@sancotraffic.com
DBE Phone: 630-986-3137
DBE Address: 200 Quaker Rd Rockford, IL 61104

LOCALLY OWNED
DBE/MBE CERTIFIED
MBE #IN01868

SANCO, INC.
TRAFFIC CONTROL

200 QUAKER ROAD
ROCKFORD, IL 61104
OFFICE: (815)961-0368

QUOTE

11/4/19

Below is a quote for traffic control:

I-57 @ Kedzie
I-19-4464

Line Item	Quantity	Unit	Price	Extended
70400100 Temp Concrete Barrier	15,300.50	LF	$24.25	$371,037.12
70400200 Relocate Temp Barrier	27,812.50	LF	$6.90	$191,906.25
70400500 Temp Concrete Barrier State Owned	1075	LF	$10.25	$11,018.75
X0321750 RemTemp Concrete Barrier State Owned	1862	LF	$11.00	$20,482.00
X7040650 Remove Temp Concrete Barrier	638	LF	$21.00	$13,398.00
JI704000 Temp Concrete Barrier	4,525	LF	$30	$135,750.00
JI704005 Relocate Temp Barrier	1,688	LF	$11.05	$18,652.40
			Bid Total	**$762,244.52**

WALL PRICING INCLUDES ALL PINNING LANE CLSOURES & FLAGGING REQUIRED

The following are not included in lump sum bid total:

****Any bonding or Railroad Protective Liability insurance or Endorsements*

LOCALLY OWNED
DBE/MBE CERTIFIED
MBE #IN01868

SANCO, INC.
TRAFFIC CONTROL

200 QUAKER ROAD
ROCKFORD, IL 61104
OFFICE: (815)961-0385

QUOTE

11/4/19

Below is a quote for traffic control:

I-57 @ Kedzie
I-19-4464

Line Item	Quantity	Unit	Price	Extended
70300240 Temp Pavement Marking Line 6"	7800	LF	.60	$4,680.00
78200011 Barrier Wall Reflectors Type C	1646	Each	$6	$9,876.00
X70010216 Traffic Control & Prot (Special)	1	LS	$25,000	$25,000
X7011015 Traffic Control & Prot (Expressway)	1	LS	$258,000	$258,000.00
JI782020 Barrier Wall Reflectors Type C	47	Each	$10	$470.00
JS120100 Trailer Mounted Full Matrx Port Chang	2	Each	$4000	$8000.00
JS701010 Maintenance of Traffic	1	LS	See Below	$0

Bid Total **$306,026.00**

JS701010 MOT UP TO 25 % OF TEMP LANE CLOSURES CAN BE DONE BE SANCO

X7011015 TCP INCLUDES 10 DOUBLE LANE CLOSURES FOR PERMANENT STRIPING

The following are not included in lump sum bid total:

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

July 19, 2018

CERTIFIED-RETURN RECEIPT REQUESTED

Mr. Robert Sanches
Sanco Services, Inc.
d/b/a Sanco Traffic Control
200 Quaker Rd.
Rockford, IL 61104

Dear Mr. Sanches:

The Bureau of Small Business Enterprises is in receipt of your request for additional categories. As of the date of this letter, your approved categories include:

- Reg/Dealer/Authorized Distr-Pipe
- Materials: Misc. Traffic Control Signs
- Traffic Control
- Video Traffic Control Surveillance-Installation
- Temporary Barrier Wall Installation

Your current categories will be included in the next update of the IL UCP DBE Directory. If you have any questions or require additional information, please contact this office at (217) 782-5490.

Sincerely,

[redacted]

Debra A. Clark, Bureau Chief
Bureau of Small Business Enterprises

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Sanco Services, Inc. d/b/a Sanco Traffic Control
Robert Sanches
200 Quaker Rd.
Rockford, IL 61104

Email: sancoone@comcast.net
Phone: (815) 961-0365
Fax: (815) 961-0865

County: Winnebago

Categories: Construction, Miscellaneous, Supplier

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- TEMPORARY BARRIER WALL INSTALLATION
238210-Electrical Contractors	238210- VIDEO TRAFFIC CONTROL SURVEILLANCE - INSTALLATION
334290-Other Communications Equipmwnt Manufacturing	334290- MATERIALS: MISC. TRAFFIC CONTROL SIGNS
423510-Metal Service Centers and Other Metal Merchant Wholesalers	423510- REG DEALER/AUTHORIZED DISTR - PIPE
561990-All Other Support Services	561990- TRAFFIC CONTROL

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Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2/

CONTRACT #	I-19-4464

DBE FIRM NAME:	Maintenance Coatings Co.
CIRCLE ALL THAT APPLY:	DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:					
PRIME _____	JV PARTNER _____	SUBCONTRACTOR ✓	TRUCKER _____	SUPPLIER _____	MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: (Y) N	UNDER CONTRACT TO: TCP

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan.
Attach this form to the DBE Utilization Plan form, DBE Form 2026. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on DBE FIRM letterhead.

PAY ITEM NO.*	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 40% of contract amount if firm is a SUPPLIER)
	See attached quote					
	TOTALS FOR THIS DBE FIRM:					$426,497.62

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowa items and/or Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan for DBE subcontractors but credit may be allowed if performed as part of specific pay item(s) during contract execution. Reference Sections II, VI.A.2 and VI.B.1 of the Special provision for DBE Participation. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS**: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amoun

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE** no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. **Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.**

[redacted] Estimator 11/5/19
Signature of Prime Contractor — Title

Date: _____
Contact: Shamik Amin
Phone: Judlau Contracting, Inc.
Firm Name: shamik.amin@ohlna.com
Address: 630-387-6040
1011 Warrenville Rd. #195 Lisle, IL 60532

[redacted] President
Signature for DBE Contractor — Title

Date: 10/17/19
Contact: Julie Wrightsman
Phone: (847)622-0020 (office) (312)287-6229 (mobile)
Firm Name: Maintenance Coatings Co.
Address: 543 Woodbury Street, South Elgin, IL 60177

ISTHA_DBE Form 2025_FILLABLE_09232015

CONTRACT #

Maintenance
Coatings Company

543 Woodbury Street, South Elgin, IL 60177
Phone: 847-622-0020 Fax: 847-622-1087

MCC is a Certifed DBE for Striping and Traffic Control

Job Name:	157 KEDZIE AVE TO CSX RR	IDOT Item No.:	
Quote To:	CONTRACTORS		
Agency:	ISTHA	Bid Date:	11/04/19
Contract No.	I-19-4464	Revision Date:	
Section No.		Contact:	Jeff Schuldt/ Rachel Trafficanti
Completion Date		After Hours Ph #	847-344-5527/ 630-461-3365
Working Days			

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
70300900	PAVT MARKING TAPE TY 4, L&S	862.25	SQFT	2.95	2,543.64
70300904	PAVT MARKING TAPE TY 4, 4"	40,291.25	FOOT	0.94	37,873.78
70300905	PAVT MARKING TAPE TY 4, 5"	2,617.75	FOOT	1.20	3,141.30
70300906	PAVT MARKING TAPE TY 4, 6"	9,756.50	FOOT	1.45	14,146.93
70300908	PAVT MARKING TAPE TY 4, 8"	4,706.75	FOOT	0.72	3,388.86
70300912	PAVT MARKING TAPE TY 4, 12"	2,628.50	FOOT	2.80	7,359.80
70300924	PAVT MARKING TAPE TY 4, 24"	278.25	FOOT	5.80	1,613.85
78000200	THRMPLSTC PVT MRKNG - LN 4"	16,646.00	FOOT	0.70	11,652.20
78000500	THRMPLSTC PVT MRKNG - LN 8"	5,407.00	FOOT	1.43	7,732.01
78000600	THRMPLSTC PVT MRKNG - LN12"	2,339.00	FOOT	2.88	6,736.32
78003110	PRFRMDPLSTC PVT MRKNG TP B - LN 4"	2,090.00	FOOT	5.10	10,659.00
78004355	PRFRMDPLSTC PVT MRKNG TP D INLAID LN 5"	3,400.00	FOOT	6.35	21,590.00
X7800600	URETH PM LT-SY SPL	1,353.00	SQFT	5.70	7,712.10
X7800610	URETH PAVT MK LINE 4"	35,320.00	FOOT	0.61	21,545.20
X7800630	URETH PAVT MK LINE 6"	6,933.00	FOOT	1.20	8,319.60
X7800640	URETH PAVT MK LINE 8"	12,986.00	FOOT	1.42	18,440.12
X7800650	URETH PAVT MK LINE 12"	6,137.00	FOOT	3.00	18,411.00
X7800680	URETH PAVT MK LINE 24"	373.00	FOOT	6.00	2,238.00
78100100	RAISED RFLCTVE PVT MARKER	807.00	EACH	47.00	37,929.00
78100300	REPLACEMENT REFLECTOR	461.00	EACH	15.25	7,030.25
X2700012	PRFRMDPLSTC PVT MRKNG TP D LN 8"	4,592.00	FOOT	7.85	36,047.20
X7830076	GROOVING FOR RECESSED PVMT MRK 9"	5,051.00	FOOT	9.25	46,721.75
JT780300	MULTI-POLYMER PAVEMENT MARKING 4"	9,613.00	FOOT	0.75	7,209.75
JT780310	MULTI-POLYMER PAVEMENT MARKING 6"	1,206.00	FOOT	1.50	1,809.00
JT780320	MULTI-POLYMER PAVEMENT MARKING 10"	3,818.00	FOOT	2.50	9,545.00
JT780325	MULTI-POLYMER PAVEMENT MARKING 12"	734.00	FOOT	3.55	2,605.70
JT780JA1	RECESSED PVMT MRK LN 5"	9,613.00	FOOT	0.48	4,614.24
JT780JC1	RECESSED PVMT MRK LN 7"	1,206.00	FOOT	0.92	1,109.52

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
JT780JE1	RECESSED PVMT MRK LN 11"	3,818.00	FOOT	1.25	4,772.50
JS120100	TRL MOUNT FULL MATRIX MESS BOARD	2.00	EACH	4,000.00	8,000.00
JS701010	MAINTENANCE OF TRAFFIC	1.00	LUMP	22,000.00	22,000.00
X7010216	TRAFFIC CONTROL & PROTECTION SPECIAL	1.00	LUMP	32,000.00	32,000.00
GRAND TOTAL					**$426,697.62**

NOTES:

MCC to perform 25% of the lane closures.

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

JAN 10 2019

Julie Ann Wrightsman
Maintenance Coatings Co.
543 Woodbury St
South Elgin, IL 60177

Dear Ms. Wrightsman:

The City of Chicago has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm, **Maintenance Coatings Co.**, continues to meet the **Disadvantaged Business Enterprise ("DBE")** certification program eligibility standards set forth in 49 CFR Parts 26. Your next No Change Affidavit is due **December 1, 2019**.

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the City of Chicago, Illinois Department of Transportation, the Chicago Transit Authority, Metra and Pace.

If there is any change in circumstances during the course of your certification period that affect your ability to meet size, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is a ground for denial of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firm's name will appear in the IL UCP DBE Directory under the following category name(s):

NAICS Code(s):

237310 - Highway, Street, & Bridge Construction (Pavement Marking Services)

237310 - Pavement Marking Services to include: Painting; Raised; Epoxy; Polyurea; Modified Urethane; Signing; Thermoplastic Hand; Preformed Plastic Pavement Marking

561990 - Flagging (i.e., traffic control) services

C

The Directory is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed on the Internet at https://webapps.dot.illinois.gov/UCP/ExternalSearch.

Your participation on contracts will only be credited toward DBE contract goals when you perform in your firm's approved area(s) of specialty. Credit for participation in an area outside your specialty requires prior approval (verification of resources, expertise, and corresponding support documentation, etc.).

Sincerely;

[redacted]

Shannon E. Andrews
Chief Procurement Officer

SEA/m

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Maintenance Coatings Co.
Julie Ann Wrightsman
543 Woodbury St
South Elgin, IL 60177-0000

County: Cook

Email: julie@maintenancecoatings.com

Phone: 847-622-0020

Fax: 847-622-1087

Categories: Construction, Miscellaneous

NAICS	Specialty
237310 - Airport runway line painting (e.g., striping)	NAICS 237310 Highway, Street, & Bridge Construction (Pavement Marking Services)
237310 - Highway, Street, and Bridge Construction	237310 - Pavement Marking Services to include: Painting
237310 - Painting lines on highways, streets and bridges	Raised
237310 - Painting traffic lanes or parking lots	Epoxy
237310 - Parking lot marking and line painting	Polyurea
237310 - Pavement, highway, road, street, bridge or airport runway, construction	Modified Urethane
561990 - Flagging (i.e., traffic control) services	Signing
	Thermoplastic Hand
	Preformed Plastic Pavement Marking NAICS 561990
	Flagging (i.e., traffic control) services

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Maintenance Coatings Co.
Julie Ann Wrightsman
543 Woodbury St
South Elgin, IL 60177-0000

County: Cook

Email: julie@maintenancecoatings.com

Phone: 847-622-0020

Fax: 847-622-1087

Categories: Construction, Miscellaneous

NAICS	Speciality
237310 - Airport runway line painting (e.g., striping)	NAICS 237310 Highway, Street, & Bridge Construction (Pavement Marking Services)
237310 - Highway, Street, and Bridge Construction	237310 - Pavement Marking Services to include: Painting
237310 - Painting lines on highways, streets and bridges	Raised
237310 - Painting traffic lanes or parking lots	Epoxy
237310 - Parking lot marking and line painting	Polyurea
237310 - Pavement, highway, road, street, bridge or airport runway, construction	Modified Urethane
561990 - Flagging (i.e., traffic control) services	Signing
	Thermoplastic Hand
	Preformed Plastic Pavement Marking NAICS 561990
	Flagging (i.e., traffic control) services

Illinois Tollway — *Illinois State Toll Highway Authority "ISTHA"*

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	Bryan Environmental Consultants, Inc.
CIRCLE ALL THAT APPLY:	(DBE) MBE (WBE) SBA 8(A)

CHECK ALL THAT APPLY:						
PRIME _____	JV PARTNER _____	SUBCONTRACTOR X	TRUCKER _____	SUPPLIER _____	MANUFACTURER _____	

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
66900530	Soil Disposal Analysis	8	$885.00	$ 7,080.00		
66901001	Regulated Substances Pre-Construction Plan	1	$2,300.00	$ 2,300.00		
66901002	On-Site Monitoring of Regulated Substances (Partial)	330 cal day	$ 615.80	$203,214.00		
66901003	Regulated Substances Final Construction Report	1	$2,300.00	$ 2,300.00		
		TOTALS FOR THIS DBE FIRM:		$ 214,894.00		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #IS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor — Title — Date

Contact: Shamik Amin

Firm Name: Judlau Contracting, Inc.

E-mail: shamik.amin@ohlna.com

Phone: 630-387-6040

Address: 1011 Warrenville Rd, #195 Lisle, IL 60532

[redacted] President November 4, 2019

Signature for DBE Contractor — Title — Date

Contact: Patricia M. Bryan

Firm Name: Bryan Environmental Consultants, Inc.

E-mail: pbryan@bryanenv.com

Phone: 312.403.0846 or 708.922.9020

Address: 17926 Dixie Highway, Suite B, Homewood, Illinois 60430

Bryan Environmental Consultants, Inc.
17926 Dixie Highway, Suite B
Homewood, IL 60430
Office Phone: 708-922-9020
Cell Phone: 312-403-0846

November 4, 2019

Aaron Henneberg, Lead Estimator
Judlau Contracting, Inc.
1011 Warrenville Road, Suite 195
Lisle, IL 60532

Phone: 630-387-6062
Mobile:
email: Aaron.Henneberg@ohlna.com
dasmith@ohlna.com

Scope of Work: ISTHA Contract I-19-4464
I-57 Widening at I-294 Interchange

Location: Kedzie Avenue to CSX Railroad, CD Roads A & C, I-294 Ramp Construction, Ramp L Toll Plaza
Cook County, Illinois

ITEM	DESCRIPTION	Amount	Unit	Quantity	Total
66900200	Non-Special Waste Disposal	$68.00	per yard	9,360	$636,480.00
66900530	Soil Disposal Analysis	$885.00	each	8	$7,080.00
66901001	Regulated Substances Pre-Construction Plan	$2,300.00	lump sum	1	$2,300.00
66901002	On-Site Monitoring of Regulated Substances	$615.80	cal days	400 (PARTIAL)	$246,320.00
66901003	Regulated Substances Final Construction Report	$2,300.00	lump sum	1	$2,300.00
Estimated Total					**$894,480.00**

Notes:
Bryan Environmental Consultants, Inc. is a woman-owned business enterprise (WBE) certified by the City of Chicago and the State of Illinois. Copies of current WBE certifications and a Disadvantaged Business Enterprise (DBE) Form 2025 Participation Statement are attached to this bid; Bryan is an IL Unified Certification Program (UCP)-certified DBE firm.

Addendum #1 was issued October 17, 2019
Addendum #2 was issued October 28, 2019
Addendum #3 was issued October 31, 2019

DEPARTMENT OF PROCUREMENT SERVICES

CITY OF CHICAGO

APR 26 2018

Patricia M. Bryan
Bryan Environmental Consultants, Inc.
17926 Dixie Highway, Suite B
Homewood, IL 60430

Dear Patricia M. Bryan:

We are pleased to inform you that **Bryan Environmental Consultants, Inc.** has been certified as a **Women-Owned Business Enterprise ("WBE")** by the City of Chicago ("City"). This **(WBE)** certification is valid until **4/1/2023**; however your firm's certification must be revalidated annually. In the past the City has provided you with an annual letter confirming your certification; such letters will no longer be issued. As a consequence, we require you to be even more diligent in filing your **annual No-Change Affidavit 60 days** before your annual anniversary date.

It is now your responsibility to check the City's certification directory and verify your certification status. As a condition of continued certification during the five year period stated above, you must file an annual No-Change Affidavit. Your firm's **annual No-Change Affidavit** is due by **4/1/2019, 4/1/2020, 4/1/2021, and 4/1/2022.** Please remember, you have an affirmative duty to file your **No-Change Affidavit 60 days** prior to the date of expiration. Failure to file your annual No-Change Affidavit may result in the suspension or rescission of your certification.

Your firm's five year certification will expire on **4/1/2023**. You have an affirmative duty to file for recertification **60 days** prior to the dete of the five year anniversary date. Therefore, you must file for recertification by **2/1/2023.**

It is important to note that you also have an ongoing affirmative duty to notify the City of any changes in ownership or control of your firm, or any other fact affecting your firm's eligibility for certification **within 10 days** of such change. These changes may include but are not limited to a change of address, change of business structure, change in ownership or ownership structure, change of business operations, gross receipts and or personal net worth that exceed the program threshold. Failure to provide the City with timely notice of such changes may result in the suspension or rescission of your certification. In addition, you may be liable for civil penalties under Chapter 1-22, "False Claims", of the Municipal Code of Chicago.

Please note – you shall be deemed to have had your certification lapse and will be ineligible to participate as a **(WBE)** if you fail to:

- File your annual No-Change Affidavit within the required time period;

- Provide financial or other records requested pursuant to an audit within the required time period;
- Notify the City of any changes affecting your firm's certification **within 10 days** of such change; or
- File your recertification within the required time period.

Please be reminded of your contractual obligation to cooperate with the City with respect to any reviews, audits or investigation of its contracts and affirmative action programs. We strongly encourage you to assist us in maintaining the integrity of our programs by reporting instances or suspicions of fraud or abuse to the **City's Inspector General at chicagoinspectorgeneral.org, or 866-IG-TIPLINE (866-448-4754).**

Be advised that if you or your firm is found to be involved in certification, bidding and/or contractual fraud or abuse, the City will pursue decertification and debarment. In addition to any other penalty imposed by law, any person who knowingly obtains, or knowingly assists another in obtaining a contract with the City by falsely representing the individual or entity, or the individual or entity assisted is guilty of a misdemeanor, punishable by incarceration in the county jail for a period not to exceed six months, or a fine of not less than $5,000 and not more than $10,000 or both.

Your firm's name will be listed in the City's Directory of Minority and Women-Owned Business Enterprises in the specialty area(s) of:

NAICS Code(s):
541620 - Environmental Consulting Services
562910 - Environmental remediation services

Your firm's participation on City contracts will be credited only toward **Women-Owned Business Enterprise** goals in your area(s) specialty. While your participation on City contracts is not limited to your area of specialty, credit toward goals will be given only for work that is self-performed and providing a commercially useful function that is done in the approved specialty category.

Thank you for your interest in the City's Minority, Women-Owned Business Enterprise, Veteran-Owned Business Enterprise and Business Enterprise Owned or Operated by People with Disabilities (MBE/WBE/VBE/BEPD) Program.

Sincerely,

[redacted]

Rich Butler
First Deputy Procurement Officer
RB/lj

Certification: View

Certification List | Submit Change Request | Add Date Alert

Vendor Information

Business Name	**Bryan Environmental Consultants, Inc.**
VendorID	**20338455**
Primary Owner's Name	**MS. PATRICIA MORRIS BRYAN**
Ethnic Group	**Caucasian**
Gender	**Female**

Certification Information

Certifying Agency	**City of Chicago**
Certification Type	**WBE - Women Business Enterprise**
Effective Date	**4/4/2019**
Renewal Date	**4/1/2020**

Contact Information

Main Company Email	**pbryan@bryanenv.com**
Main Phone	**708-922-8020**
Main Fax	**708-957-8588**
Main Company Website	**http://www.bryanenv.com**

Addresses

Physical Address	**17926 Dixie Highway, Suite B Homewood, IL 60430**
Mailing Address	**17926 Dixie Highway, Suite B Homewood, IL 60430**

Business Description

Business certified for	**541620 - Environmental Consulting Services 562910 - Environmental remediation services**
Full Description of Capabilities/Products	**541620 - Environmental Consulting Services 562910 - Environmental remediation services**
Commodity Codes	**NAICS 541620** **Environmental consulting services (More)** **NAICS 562910** **Environmental remediation services (More)**

Owner Ethnicity and Gender

Ethnic Group	**Caucasian**
Gender	**Female**
DBE Ethnic Group	**Caucasian**

Location

County	**Cook (IL)**

Additional Information

Ward	
Community Area	

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-19-4464

SUBCONTRACTOR: S&J Construction Co., Inc.

CERTIFICATION AGENCY: DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY: PRIME ____ JV PARTNER ____ SUBCONTRACTOR X ____ TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

TIER 1 (SUB TO PRIME): Y (N) TIER 1 OR BELOW: (Y) N UNDER CONTRACT TO: Hacker + Co.

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@gatpass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO.*	DESCRIPTION (IF PARTIAL PAY ITEM, SPECIFICALLY DESCRIBE WORK TO BE PERFORMED BY DBE)	DBE QUANTITY	UNIT PRICE	TOTAL DOLLAR AMOUNT (QUANTITY X UNIT PRICE)	CHECK IF PARTIAL PAY ITEM	TOTAL DOLLAR AMOUNT CLAIMED FOR DBE PARTICIPATION (IF PARTIAL PAY ITEM, ENTER DOLLAR AMOUNT OF WORK TO BE PERFORMED BY DBE)
83700300	Light Tower Fdn 48" Dia	25.5	550.-	14,025.-		
83700350	Light Tower Fdn 54" Dia	293.0	800.-	234,400.-		
		TOTALS FOR THIS DBE FIRM:		248,425.-		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item 4555700?0, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment therefor must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor — Title — Date

Contact: Shamik Amin
Firm Name: Judlau Contracting, Inc.
E-mail: shamik.amin@ohlna.com
Phone: 630-387-6040
Address: 1011 Warrenville Rd. #195 Lisle, IL 60532

[redacted] President 11-04-2019

Signature for DBE Contractor — Title — Date

Contact: Simone Kapovich
Firm Name: S&J Construction Co., Inc.
E-mail: skapovich@sjconst.com
Phone: 708-331-1816
Address: 4245 166th Street, Oak Forest, IL 60452

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

S & J Construction Co., Inc.
Simone Kapovich
4245 166th St.
Oak Forest, IL 60452

Email: skapovich@sjconst.com
Phone: (708)-331-1816
Fax: (708) 687-2135

County: Cook

Categories: Construction

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- SIGNING
238910-Site Preparation Contractors	PRECAST & PRESTRESSED CONCRETE - HIGHWAY
	STEEL, STRUCTURAL - ERECTION
	STEEL, REINFORCING - REBAR PLACEMENT
	BRIDGES - EXCEPT PAINTING
	WELDING
	238910- CAISSONS & PILE DRIVING
	DRILL SHAFT FOUNDATIONS

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Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME	S&J Construction Co., Inc.
CHECK ONE:	DBE MBE WBE SBA 8(A)

CHECK ONE: PRIME ____ JV PARTNER ____ SUBCONTRACTOR X ____ TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR	TIER 1 (SUB TO PRIME): Y N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

ITEM NO.*	DESCRIPTION OF WORK (PROVIDE DETAILS) OR NON-STOCK ITEM SPECIFIC AND SUBMIT	QUANTITY	UNIT PRICE	TOTAL SUBCONTRACT AMOUNT	CHECK IF SUPPLIER	TOTAL PARTICIPATION AMOUNT OF ITEMS TO BE APPLIED TOWARD DBE GOAL
	SEE ATTACHED ERECT					1,572,500.50
	SIGNS					2,531,194.05
	TOTALS FOR THIS DBE FIRM:					4,103,694.55

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #0567010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor — Title — Date

Contact: SHAMIK AMIN

Firm Name: JUDLAU CONTRACTING, INC.

E-mail: SHAMIK.AMIN@JULNA.COM

Phone: 630-387-6040

Address: 1011 WARRENVILLE RD, #195 LISLE IL 60532

[redacted] President 11-04-2019

Signature for DBE Contractor — Title — Date

Contact: Simone Kapovich

Firm Name: S&J Construction Co., Inc.

E-mail: skapovich@sjconst.com

Phone: 708-331-1816

Address: 4245 166th Street, Oak Forest, IL 60452

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-19-4464

DBE NAME S&J Construction Co., Inc.

DBE | MBE | WBE | SBA 8(A)

PRIME ____ JV PARTNER ____ SUBCONTRACTOR X TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): Y N | TIER 2 OR BELOW: Y N UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO.*	DESCRIPTION (Include whether furnish only, all work, labor and incidentals)	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT $	CHECK IF CONTINGENCY	TOTAL DBE PARTICIPATION $ (Multiply by 100% if DBE performs work with its own forces, otherwise multiply by the percentage of work to be performed by DBE)
	SEE ATTACHED ERECT SIGNS					1,572,500.50
						2,531,695.05
	TOTALS FOR THIS DBE FIRM:					4,104,196.05

4,103,664.55

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #X5671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a [illegible] for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature Title Date

Contact: SHAMIK AMIN

Firm Name: JUNLAU CONTRACTING, INC.

E-mail: SHAMIK.AMIN@OHCNA.COM

Phone: 630-387-6040

Address: 1011 WARRENVILLE RD, #195 LISLE IL 60565

[redacted] President 11-04-2019

Signature for DBE Contractor Title Date

Contact: Simone Kapovich

Firm Name: S&J Construction Co., Inc.

E-mail: skapovich@sjconst.com

Phone: 708-331-1816

Address: 4245 166th Street, Oak Forest, IL 60452

S & J Construction Co., Inc.
4245 166th Street
Oak Forest, IL 60452
Phone (708) 331-1816
Fax (708) 687-2135

I-57Roadway and Bridge Widening
I-294 Ramp Construction
ISTHA Contract No. I-19-4464

BID DATE: 11/05/2019

SCHEDULE OF PRICES – SIGNING – Revised 11/05/19

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL PRICE
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	55,030.0	$2.20	$121,066.00
72000100	SIGN PANEL - TYPE 1	SQ FT	14.0	$33.30	$466.20
72000200	SIGN PANEL - TYPE 2	SQ FT	235.0	$24.50	$5,757.50
72000300	SIGN PANEL - TYPE 3	SQ FT	7,837.0	$23.00	$180,251.00
72100100	SIGN PANEL OVERLAY	SQ FT	7.0	$135.00	$945.00
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	15.0	$240.00	$3,600.00
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	14.0	$24.50	$343.00
72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	167.0	$15.20	$2,538.40
72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	9,160.0	$6.05	$55,418.00
72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	14.0	$400.00	$5,600.00
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	14.0	$26.25	$367.50
72400720	RELOCATE SIGN PANEL - TYPE 2	SQ FT	52.0	$28.25	$1,469.00
72600100	MILE POST MARKER ASSEMBLY	EACH	3.0	$790.00	$2,370.00
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	13,267.0	$2.60	$34,494.20
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	36.0	$24.00	$864.00
73000100	WOOD SIGN SUPPORT	FOOT	853.0	$31.00	$26,443.00
73300100	OVERHEAD SIGN STRUCTURE - SPAN, TYPE I-A (4'-0" X 4'-6")	FOOT	329.0	$656.26	$215,911.00
73300200	OVERHEAD SIGN STRUCTURE - SPAN, TYPE II-A (4'-6" X 5'-3")	FOOT	155.0	$583.39	$90,425.00
73300300	OVERHEAD SIGN STRUCTURE - SPAN, TYPE III-A (5'-0" X 7'-0")	FOOT	91.0	$902.10	$82,091.00
73302150	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE II-C-A (24" X 5'-6")	FOOT	25.0	$1,313.92	$32,848.00
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	64.0	$614.27	$39,313.00
73400100	CONCRETE FOUNDATIONS	CU YD	40.8	$1,550.00	$63,240.00
73400200	DRILLED SHAFT CONCRETE FOUNDATIONS	CU YD	357.2	$1,700.00	$607,240.00
73600100	REMOVE OVERHEAD SIGN STRUCTURE - SPAN	EACH	2.0	$8,000.00	$16,000.00
73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	3.0	$5,600.00	$16,800.00
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	4.0	$5,360.00	$21,440.00
73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	8.0	$300.00	$2,400.00
73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	8.0	$580.00	$4,640.00
73700300	REMOVE CONCRETE FOUNDATION - OVERHEAD	EACH	5.0	$2,285.00	$11,425.00
X7333095	OVERHEAD SIGN STRUCTURE - SPAN (SPECIAL)	FOOT	190.0	$936.79	$177,990.00
JS733080	OVERHEAD SIGN STRUCTURE, SPAN TYPE (ALUMINUM) (80 FT)	FOOT	80.0	$985.00	$78,800.00
JS733100	OVERHEAD SIGN STRUCTURE, SPAN TYPE (ALUMINUM) (100 FT)	FOOT	100.0	$943.81	$94,381.00
JS733B30	OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE (STEEL) (30 FT)	FOOT	30.0	$1,544.30	$46,329.00
JS733610	OVERHEAD SIGN STRUCTURE, AET RAMP ENTRANCE MONOTOBE TYPE (STEEL)	FOOT	39.0	$1,076.62	$41,988.00
JS733630	OVERHEAD SIGN STRUCTURE, AET RAMP EXIT MONOTOBE TYPE (STEEL)	FOOT	39.0	$776.62	$30,288.00
JS734A10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, SPAN TYPE	CU YD	169.4	$1,630.00	$276,122.00
JS734B10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, CANTILEVER TYPE	CU YD	40.0	$1,590.00	$63,600.00
JS734F10	FOUNDATION FOR OVERHEAD SIGN STRUCTURE, RAMP MONOTUBE TYPE	CU YD	52.0	$1,660.00	$86,320.00
JT720110	SIGN INSTALLATION, TYPE 2	SQ FT	240.0	$30.50	$7,320.00
JT720120	SIGN INSTALLATION, TYPE 3	SQ FT	5,755.0	$8.75	$50,356.25
JT733950	MODIFY OVERHEAD SIGN STRUCTURE, SPAN TYPE	L SUM	1.0	$53,000.00	$53,000.00
				TOTAL PRICE WITH REBAR	$2,652,260.05
				TOTAL PRICE WITHOUT REBAR	$2,531,194.05

**** Reinforcement Bars, Epoxy Coated may be removed from this quote. See General Notes. ****

Continue on page 2...

S & J Construction Co., Inc.
4245 166th Street
Oak Forest, IL 60452
Phone (708) 331-1816
Fax (708) 687-2135

ISTHA
I-57 Bridge Widening at I-294
Contract No.: I-19-4644

BID DATE: 11/05/2019

SCHEDULE OF PRICES - REVISED

Item	Description	Unit	Quantity	Unit Price	Total Price
50500105	F & E STRUCTURAL STEEL	L SUM	1	$1,500,000.00	$1,500,000.00
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	34	$150.00	$5,100.00
52100020	ELASTOMERIC BEARING ASSEMBLY, TYPE 2	EACH	17	$250.00	$4,250.00
52100520	ANCHOR BOLTS, 1"	EACH	436	$100.00	$43,600.00
52100540	ANCHOR BOLTS, 1-1/2"	EACH	68	$125.00	$8,500.00
X5210150	HIGH LOAD MULTI-ROTATIONAL BRGS, GUIDED EXP. 400K	EACH	34	$325.00	$11,050.00
				TOTAL:	$1,572,500.00

All Items are erect/install only.

SCOPE OF WORK

The above price includes all labor, equipment, and tools to perform the work as shown in the contract plans, specifications, and as stated here in. All access to the work/erection sites for the cranes and equipment shall be the responsibility of the General Contractor (G.C.).

Erecting Steel Beams:

- S & J will require clear, firm, and level areas behind each abutment and pier for the set-up of our cranes and laydown of steel. Any required protection (barricades, barrier wall, etc.) of these areas shall be provided by the G.C.
- The delivery of the steel girders shall be to the point of erection; point of erection is at the crane location of the proposed bridge structure.
- The need for a staging area for the delivery of the steel girders for the day or night-time erection as well as all costs associated with these deliveries shall be the responsibility of the GC.
- The connection areas where the new steel connects to the existing steel shall be cleaned and primed prior to S&J starting its work. This shall be the responsibility of the G.C.
- Field drill of holes in the existing structure is included only at the locations shown on the design drawings. All holes in the new steel shall be drilled full size by the fabricator.
- S&J has included the design, engineering and supply and installation of the hold-down required at the abutments for the new girders erected on the Dixie Highway Bridge.
- An S.E. stamped engineered erection procedure is included for our work.

- All detailing of the steel will be performed off protective shielding installed by the G.C.
- A SARS report for the bridges are not included unless it is needed for loads S&J is placing on the structure. The report will be included in our erection procedure and will be only for the specific load and area of our crane placement if required.
- The erection of the stage 3 N.B. and S.B. Mainline Bridges over 147th Street shall be completed continuously in one mobilization.
- The erection of the 147th Street Bridge is figured for night work.
- Girder bracing and stabilization of the structural steel for the concrete deck pour is not included. S&J will provide bracing and stabilization in its procedure for the erection of the steel only. After the girders and beams are erected and detailed, any bracing used during the erection process will be removed.
- Barrier wall removal and replacement during the erection operation shall be the responsibility of the G.C.

Anchor Bolts:

- Drilling of the anchor bolts shall be the responsibility of the G.C.
- S&J has included the installation of the anchor bolts.

GENERAL NOTES:

- Any and all field dimensioning and verification shall be the responsibility of the GC.
- All traffic control and protection required for the erection and detailing of the steel shall be the responsibility of the G.C.
- Source quality control and any inspection required by an outside independent agency shall be the responsibility of the General Contractor for any of the work needed for this project.
- The insurance S&J is providing for this project is: Workman's Comp. for 1 Mil., General Liability for 2 Mil. each occurrence and 4 Mil. Aggregate; Automobile for 1 Mil.; and a 20 Mil. Umbrella. We do not have Railroad Insurance, Professional Liability Insurance, Builders Risk, or other insurance which may be required for this project.

EXCLUDED FROM OUR PRICE:

- Permanent Material.
- Traffic control and Protection, lane closures, and all required flagging.
- Installing/Removing temporary concrete barrier wall.
- Cleaning and painting (including touchup) of structural steel/bearings.
- Installation of Shear Studs.
- Installation of Expansion Joint Steel.
- Protective Shielding
- Any concrete work and/or grouting.
- Utility Removal or Relocation.
- Testing and Inspection, Third Party Inspection, QC/QA.
- Site restoration.
- Survey and Layout.
- All trucking costs & associated demurrage charges that may occur.
- Permits/Fees. (Except for Cranes).
- Liquidated Damages not caused by S&J.
- Bond Costs.
- Retention.

SCOPE OF WORK

The above price includes all labor, equipment, material, and tools to perform the work as shown in the contract plans, specifications, and as stated here in. All access to the work/erection sites for the cranes, equipment, drill rig, concrete trucks and structure assembly shall be the responsibility of the General Contractor (GC). We have not included any spoil removal or dumping of spoil. We have not included hazardous or special waste should it appear.

General Notes:

- Level and adequate access to the foundation locations for drilling and foundation installation shall be provided by the GC.
- All foundation work was quoted to be completed during the day Monday through Friday under normal straight time hours.
- Furnishing and installation of all rebar associated with the concrete items in this quote is included in this quote.
- If rebar is removed from this quote:
    - All rebar installation shall be completed by others.
    - All layout for rebar installation shall be completed by others
    - S&J will set rebar cages in each drilled shaft. The cages shall be delivered on a flatbed at the time of the drilling/pour operation. Delivery shall be such that the cage can be picked off of the delivery truck and set directly into the shaft without repositioning the crane.
- We have excluded backfilling around any of the foundations.
- Any and ALL electrical work is excluded. Conduit runs, ground rod installation, grounding wells and systems, etc. shall be furnished and installed by the electrical contractor and is not included in our quote.
- We have included the anchor bolts for all of the OVHD Structures.
- Access to foundation work areas shall be provided to S&J by the GC in a manner that allows for all foundations in a given stage to be completed under 1 mobilization.
- Obstruction drilling will be charged per IDOT Article 109.4.
- All traffic control and protection, lane closures, flagging requirements, etc. shall be the responsibility of the GC.
- Traffic control and protection shall be provided by the GC outside the limits of traffic control shown in the contract drawings for foundation installation and sign panel removal and erection.
- Covering of any of the sign panels is not included in this price and is considered part of M.O.T. If required by ISTHA, we will invoice in accordance with Article 109.4.
- *We did **NOT** include any signing for M.O.T. or temporary signing that may be required. Any and all M.O.T. signing is by others.*
- GC shall provide access to a construction yard for storage of materials, equipment, and shipping container job box.
- The insurance S&J is providing for this project is: Workman's Comp. for 1 Mil., General Liability for 1 Mil. each occurrence and 2 Mil. Aggregate; Automobile for 1 Mil.; and a 10 Mil. Umbrella. We do not have Railroad Insurance, Professional Liability Insurance, Builders Risk, or other insurance which may be required for this project.

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

S & J Construction Co., Inc.
Simone Kapovich
4245 166th St.
Oak Forest, IL 60452

Email: skapovich@sjconst.com
Phone: (708)-331-1816
Fax: (708) 687-2135

County: Cook

Categories: Construction

NAICS	Speciality
237310-Highway, Street, & Bridge Construction	237310- SIGNING
238910-Site Preparation Contractors	PRECAST & PRESTRESSED CONCRETE - HIGHWAY
	STEEL, STRUCTURAL - ERECTION
	STEEL, REINFORCING - REBAR PLACEMENT
	BRIDGES - EXCEPT PAINTING
	WELDING
	238910- CAISSONS & PILE DRIVING
	DRILL SHAFT FOUNDATIONS

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Version: 1.1.27.545

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE/AIRD PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	Gim Electric Co., Inc.
CHECK ALL THAT APPLY:	(DBE) AIRD SBE SBA 8(A)

CHECK ALL THAT APPLY

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 2 (SUB TO PRIME): Y (N)	TIER 3 OR BELOW: (Y) N	UNDER CONTRACT TO: HELKER

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 p.m. on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish-only, or both fill/install. Install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) Applicable only if firm is DBE/AIRD
JT131526	Plaza Electrical Work	1	260,000 -	260,000 -		
JT131641	Rebuild Cardwell Bldg	1	104,000 -	104,000 -		
JT132700	VES Camera HP Mach	1	68,000 -	68,000 -		
8350400	Light Tower 120	13	48,000 -	624,000 -		
			TOTALS FOR THIS DBE FIRM:	1,056,000 -		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #2527010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or amount of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on the contract and the payments therefor must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to other than the DBE listed without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed assignment to the DBE or any change in the work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive such approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor — Title — Date

Contact: Shamik Amin
Firm Name: Judlau Contracting, Inc.
E-mail: shamik.amin@ohla.com
Phone: 630-387-6040
Address: 1011 Warrenville Rd. #195 Lisle, IL 60532

[redacted] President November 4, 2019

Signature Agent Contractor — Title — Date

Contact: Eric W. Mah
Firm Name: Gim Electric Co., Inc.
E-mail: ericmah@gimelectric.com
Phone: 773-286-7112
Address: 4159 N. Milwaukee Ave., Chicago, IL 60641

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 3025 – DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	Gim Electric Co., Inc.
CIRCLE ALL THAT APPLY:	WBE MBE SBE SWMBE

CHECK ALL THAT APPLY

PRIME _____ JV PARTNER _____ SUBCONTRACTOR X TRUCKER _____ SUPPLIER _____ ADVERTISING/DESIGN _____

SUBCONTRACTOR: THIS IS [SUB TO PRIME]: Y (N) THIS IS DBE BROKER: (Y) N UNDER CONTRACT TO: HELKER

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth [illegible] after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed [illegible] on the DBE firm company letterhead.

PAY ITEM NO.*	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL DOLLAR AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) [enclose in ( ) or subtract amount if this is a PAYBACK]
JT13526	Plaza Electrical Work	1	250,000 –	250,000 –		
JT13641	Roadside Conduit Bldg	1	104,000 –	104,000 –		
JT12700	VES Comm HP Cab	1	68,000 –	68,000 –		
8350400	Light Tower 120	13	48,000 –	624,000 –		
			TOTALS FOR THIS DBE FIRM:	1,056,000 –		

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item 8350400, will not be approved within the DBE Utilization Plan. NOTE: Both these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. CONFIRMATION: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the [illegible] without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendments for the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provisions for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 4/5/19

Signature for Prime Contractor / Title / Date

Contact: Shamik Amin
Firm Name: Judlau Contracting, Inc.
E-mail: shamik.amin@ohlna.com
Phone: 630-387-6040
Address: 1011 Warrenville Rd. #195 Lisle, IL 60532

[redacted] President November 4, 2019

Signature for DBE Contractor / Title / Date

Contact: Eric W. Mah
Firm Name: Gim Electric Co., Inc.
E-mail: ericmah@gimelectric.com
Phone: 773-286-7112
Address: 4150 N. Milwaukee Ave., Chicago, IL 60641

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Gim Electric Co., Inc. **Email:** ericmah@gimelectric.com
Eric W. Mah **Phone:** 773-286-7112
4150 N. Milwaukee Ave. **Fax:** 773-286-9139
Chicago, IL 60641-1839

County: Cook

Categories: Construction

NAICS	Speciality
238210 - Electrical Contractors and Other Wiring Installation Contractors	238210 - Electrical Contractor

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Version: 1.1.27.54

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FOR PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	MA Rebar Services, Inc.
CIRCLE ALL THAT APPLY:	(DBE) MBE (WBE) SBA 8(A)

CHECK ALL THAT APPLY:					
PRIME ____	JV PARTNER ____	SUBCONTRACTOR X	TRUCKER ____	SUPPLIER ____	MANUFACTURER ____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO.*	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	FURNISH & ERECT REBAR (SEE ATTACHED)					
	TOTALS FOR THIS DBE FIRM:					$3,648,772.52

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #J5671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS**: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount. N/A

2. **COMMITMENT**: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.**

[redacted] ESTIMATOR 11/5/2019

Signature for Prime Contractor — Title — Date

Contact: SHAMEK AMIN
Firm Name: JUDLAU
E-mail: SHAMEK.AMIN@OHLNA.COM
Phone: 630-387-6040
Address: 1011 WARRENVILLE RD # 195, LISLE IL 60532

[redacted] President 11/4/2019

Signature for DBE Contractor — Title — Date

Contact: Theresa Kern
Firm Name: MA Rebar Services, Inc.
E-mail: tk@marebarservices,com
Phone: 773.485.7842
Address: 1415 West 37th Street, Suite 205W Chicago,IL

CONTRACT # 60609

1415 W. 37th. St. Ste. 205 W
Chicago, IL 60609
Ph: (773) 475-7842
Fax: (773) 940-2312

Date: November 4, 2019

PROPOSAL CONTRACT

TO: All Bidders

ATTN: Estimating Department
Phone:
Fax:
email:

PROJECT: ISTHA I-19-4464

LOCATION: Cook County

THIS PROPOSAL IS FOR FIELD LABOR AND MATERIAL.

MA Rebar Services, Inc. hereinafter called Subcontractor, is pleased to propose, subject to the terms and conditions contained herein, to furnish labor for the installation of concrete reinforcement, all in accordance with the CRSI Manual of Standard Practice, 27th Edition and based on the following documents

Drawings:
Addenda:
Dated:

The Contractor agrees, in consideration of the performance of this agreement by the Sub-Contractor to pay, or to cause to be paid to the Sub-Contractor sums of money computed as follows:

See Attached Labor Pricing.

FURNISH 1,595,431.18

INSTALL 2,053,341.34

3,648,772.52

9:40 AA & TK

ANY EXTRA WORK, PREMIUM TIME AND/OR OVERTIME TO BE BILLED AT APPLICABLE RATES:

	Straight	Premium	Double
IRONWORKER:	$148.00	$72.00	$220.00

MATERIAL PRICING FOLLOWS

THE ABOVE LABOR PRICES ARE FIRM THRU 5/31/2020 - ADD 6% ON 6/1/2020 AND EACH 6/1 THEREAFTER.

MA Rebar Services, Inc. retains the right to negotiate a fair contract. This proposal hereby includes labor provisions for Ironworkers, and does include prevailing wage rates. No retention is to be withheld.

THANK YOU - WE APPRECIATE YOUR BUSINESS

Project Specific Payment Terms:

1) Contractor agrees to pay Subcontractor one hundred percent (100%) of the contract value for labor performed within thirty (30) days of the monthly invoice billing date. MA Rebar Services, Inc. to be paid in full, ninety (90) days after completion of MA Rebar Services, Inc.'s work.

2) Extra Field Work Orders are due within 30 days of invoice billing and no retention shall be withheld from same.

Project/Owner Information:

1) Contractor agrees to supply MA Rebar Services with any pertinent Project/Owner information, as reasonably requested.

Included by Subcontractor:

1) Union Field Labor to install Reinforcing Steel in accordance with CRSI and the above referenced drawings, specifications and addenda.

Excluded by Subcontractor and provided by others:

1) Cost of inspection, testing, permits and/or fees, anchors, inserts, sleeves, or threaded reinforcing steel and/or rods.
2) Cost of remedial work and/or replacement of materials made necessary by water or flood damage to reinforcing steel.
3) Liability against loss of reinforcing steel due to strikes, loss after delivery, accidents, water, flood or other acts of God.
4) Cutting, drilling, grouting, dry-packing, epoxying of any threaded, smooth or reinforcing steel dowels and/or rods.
5) Field bending, welding, cleaning, cutting, straightening, or reworking of any existing reinforcing steel, structural steel, Wire mesh, dowels and/or welding of dowels to structural or miscellaneous iron.
6) End protection, painting, greasing or wrapping of reinforcing steel and/or smooth dowels.
7) Clean up of tie wire ends.
8) All OSHA requirements for exposed reinforcing steel ends protecting against abrasion and/or impalement.
9) Blocking, chairing and/or pulling up of wire mesh.
10) All dead men, cabling and/or guying of any pre-assembled or erected units.
11) Separate pour watchman, safety, quality, or traffic control personnel, or the added cost of composite crew clean-up.
12) Moving or double-handling of reinforcing steel and materials from lay-down yard or area to be done on T&M.
13) Installation of Mechanical Splicers, Form Saver type dowels, Smooth Dowels, WWM including Masonry Reinforcing other than dowels tied and set in concrete. (unless specific pricing is given or noted above)
14) Snow removal or any protective covering of stored or stockpiled materials including snow blankets.
15) Removal, grinding and/or patching of staples, nails, bolts or any other device used for the placement of concrete reinforcement accessories.
16) Any inventory or responsibility of storing or transporting of rebar or mesh. All rebar ordering must be coordinated through MA Rebar Service
17) As-built drawings.
18) Installation of reinforcing bar and or mesh for site work. (outside of building perimeter) or electrical ductbanks.

Conditions of Agreement:

1) Contractor agrees to give Subcontractor a minimum of 24-hours (48-hours if more than 60 miles from our office) notice for workers to be at
2) Any agreement is contingent upon accidents, acts of God and all delays unavoidable or beyond Subcontractor's control.
3) Unless otherwise agreed, it is understood that the work will be performed during regular working days and hours (i.e., Monday through Friday and based on a 40 hour work week).
4) No charges for labor or materials furnished by Contractor shall be allowed as a credit, unless authorized in writing by Subcontractor at time o transaction.
5) Contractor agrees that all forms and templates will be in place before installation, except those forms or other materials that will hinder the installation.
6) Contractor agrees to establish firm level sub-grade at elevation shown on drawings including all levels, datum lines, elevations, openings, an dowel outs for concrete and/or masonry.
7) Contractor will provide clear access roads and ramps for unloading of trailer/truck deliveries to within 50 feet of point of installation, and reasonable storage and lay-down areas.
8) Contractor will provide grades, lines, and rigid templates.
9) Contractor will furnish all forming, including layout.
10) Contractor will provide safe working areas, with proper scaffolding in place.
11) Cages for drilled piers, shafts, caissons, and light pole standards will be tied and stockpiled by Subcontractor.
12) Contractor shall furnish, without charge, suitable equipment fully operated for hoisting/lowering reinforcing steel, personnel, wire mesh, etc..., including unloading trucks, staging of reinforcing to points of installation (into foundations, and onto elevated decks, etc...) setting columns, wall cages and/or any other pre-tied assemblies including any power placing of individual bars that MA Rebar Services, Inc. may require.
13) Contractor agrees to provide copies of all contract documents in quantities as reasonably requested by the Subcontractor at no cost to Subcontractor.
14) Published working schedules to be made by mutual agreement of the Contractor and Subcontractor to conform to Contractor's master schedule. In event duration times are provided by Subcontractor, it is agreed that time starts only when work areas are provided ready to receive installation in all respects, in accordance with OSHA and State safety regulations.

MA Rebar Services, Inc.

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Material Escalation:

Rebar prices are firm for material delivered on or before 12/31/2020. Material shipped after this date will increase by $40.00 per ton for each 3 months for material delivered thereafter, (4/1/2021, 6/1/2021, etc).

Tax Included: No
Retainage: Not Allowed
Payment Terms: Net 30 Days
F.O.B.: Destination

50800205	Reinforcing Steel - Epoxy Coated	2,086,063/lbs.	$0.535/lb.
	Reinforcing Steel Spirals - Epoxy Coated	14,399/lb.	$1.74/lb.
	Includes 4 Spacers; 2 Installed, 2 Loose		
	Reinforcing Steel Standees for Approach Slabs - Epoxy Coated	6,866/lb.	$0.535/lb.
	Reinforcing Steel Standees for Anchorage/Moment Slabs - EC	6,924/lb.	$0.535/lb.
	Reinforcing Steel Standees for Abutment/Pier Footings - EC	5,464/lb.	$0.535/lb.
	3 3/4" Continuous High Chair Upper - Epoxy Coated	2,365/lf.	$1.09/lf.
	4 1/2" Individual High Chairs - Epoxy Coated	17,298/ea.	$0.78/ea.
	1" Slab Bolster - Epoxy Coated	41,125/lf.	$0.35/lf.
	7 1/2" Individual High Chairs - Epoxy Coated	769/ea.	$1.37/ea.
	1 1/2" Slab Bolster - Epoxy Coated	1,885/lf.	$0.37/lf.
	2" Slab Bolster - Epoxy Coated	2,240/lf.	$0.37/lf.
	#5 Dbl Headed Bar 2'-2" x 1'-4" x 2'-4" Long - Epoxy Coated	240/ea.	$29.60/ea.
	#5 Headed Bar 2'-3" x 2'-0" Long - Epoxy Coated	240/ea.	$15.75/ea.
	#5 Dbl Headed Bar 2'-6" x 2'-9" Long - Epoxy Coated	247/ea.	$28.20/ea.
	#5 Dbl Headed Bar 4'-11" Long - Epoxy Coated	257/ea.	$26.45/ea.
50800515	#5 Bar Splicer Sets 3'-6" Long - Epoxy Coated	64/ea.	$11.95/ea.
	#5 Bar Splicer Sets 3'-11" Long - Epoxy Coated	102/ea.	$13.40/ea.
	#5 Bar Splicer Sets - Epoxy Coated	98/ea.	$15.10/ea.
	Set Bar = 4'-0" Long; Splice Bar = 6'-0" Long		
	#6 Bar Splicer Sets 4'-1" Long - Epoxy Coated	24/ea.	$17.65/ea.
	#6 Bar Splicer Sets 4'-8 Long - Epoxy Coated	99/ea.	$19.30/ea.
	#5 Bar Splicer Sets - Epoxy Coated	75/ea.	$15.50/ea.
	Set Bar = 0'-10" Long w/ 2'-10" Hook; Splice Bar = 6'-0" Long		
	#5 Bar Splicer Sets - Epoxy Coated	70/ea.	$15.05/ea.
	Set Bar = 0'-10" Long w/ 2'-5" Hook; Splice Bar = 5'-0" Long		

MA Rebar Services, Inc.

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	#5 Bar Splicer Sets - Epoxy Coated	138/ea.	$15.60/ea.
	Set Bar = 0'-10" Long w/ 3'-0" Hook; Splice Bar = 6'-0" Long		
50800530	#5 Mechanical Coupler - Epoxy Coated	90/ea.	$25.50/lb.
52200500	MSE Retaining Wall Coping - Epoxy Coated	7,370/lbs.	$0.535/lb.
63700180	Concrete Barrier, Single Face 44" Height - Epoxy Coated	1,696/lbs.	$0.535/lb.
63700900	Concrete Barrier Base - Epoxy Coated	3,067/lbs.	$0.535/lb.
	Reinforcing Steel Standees - Epoxy Coated	319/lbs.	$0.535/lb.
73400100	Concrete Sign Standard Foundations - Epoxy Coated	29,440/lbs.	$0.535/lb.
	Reinforcing Steel Spirals - Epoxy Coated	9,552/lbs.	$1.75/lb.
	Includes 4 Spacers; 2 Installed, 2 Loose		
	Spiral Height used (24'-7") is based on an assumed 25'-0" Drilled Shaft		
	Reinforcing Steel Standees - Epoxy Coated	39/lbs.	$0.535/lb.
JI637030	Concrete Barrier, Single Face, Reinforced, 42" - Epoxy Coated	873/lbs.	$0.535/lb.
JI637032	Concrete Barrier Base, Reinforced, For SF Barrier, 42 Inch- EC	1,589/lbs.	$0.535/lb.
	Reinforcing Steel Standees - Epoxy Coated	319/lbs.	$0.535/lb.
JT131651	Control Building Foundation - Epoxy Coated	3,288/lbs.	$0.535/lb.
JT637050	Concrete Barrier Base, Reinforced, For SF Barrier, 42 Inch- EC	48,933/lbs.	$0.535/lb.
	Reinforcing Steel Standees - Epoxy Coated	2,809/lbs.	$0.535/lb.
JT637054	Concrete Barrier Base, Reinforced, For SF Barrier, 44 Inch - EC	19,081/lbs.	$0.535/lb.
	Reinforcing Steel Standees - Epoxy Coated	948/lbs.	$0.535/lb.
JT637056	Concrete Barrier Base, Reinforced, For SF L-Shape, 44 Inch - EC	61,772/lbs.	$0.535/lb.
	Reinforcing Steel Standees - Epoxy Coated	3,409/lbs.	$0.535/lb.
JT637058	Concrete Barrier Base, Reinforced, For SF Barrier, 54 Inch - EC	7,308/lbs.	$0.535/lb.
	Reinforcing Steel Standees - Epoxy Coated	242/lbs.	$0.535/lb.
JT637100	Concrete Barrier, Single Face, Reinforced, 42" - EC	26,887/lbs.	$0.535/lb.
JT637110	Concrete Barrier, Single Face, Reinforced, 44" - EC	9,297/lbs.	$0.535/lb.
JT637115	Concrete Barrier, Single Face, Reinforced, L-Shape 44" - EC	32,212/lbs.	$0.535/lb.
JT637120	Concrete Barrier, Single Face, Reinforced, 54" - EC	3,809/lbs.	$0.535/lb.
X0322434	Light Tower, Service Pad, Special - Epoxy Coated	12,400/lbs.	$0.535/lb.
Z0073346	Sleeper Slab - Epoxy Coated	9,434/lbs.	$0.535/lb.
	3 3/4" Continuous High Chair Upper - Epoxy Coated	640/lf.	$1.05/lf.

Include:

A706 weldable bars, Supports as per CRSI/DOT Standards, spirals, and bar splicers.

Exclude:

Multiple stops per load, Surety Bond, Drawings of Any Kind, All Applicable State or County Sales Tax for Fees, All Retainers, All Welding of Rebar, Welded Wire Mesh and/or Welded Wire Mesh Supports, Detailing/Drawings of Any Kind, All Threaded Bars, BIM Related Project Management and 3D Modeling, Night Deliveries, Galvanized Bars, Bar Splicers, Headed Rebar, Mechanical Bar Splicers, if not specifically listed.

Conditions:

Prices firm for acceptance on or before November 19, 2019. After which time the proposal is void.
Deliveries: 2 hours waiting time to unload, additional detention time @ $300.00 per hour.

No #14 or #18 bar included in this estimate unless noted, redetailing time due to design changes will be billed at $300.00/hour.

MA Rebar Services, Inc.

ISTHA RR-19-4464
November 4, 2019

MATERIAL PRICING

We are pleased to quote the referenced project per the plans and specifications as it pertains to the furnishing of materials. Our quotation is for the specified reinforcing bars cut, bent, bundled, tagged and furnished in accordance with the CRSI Manual of Standard Practice and our Standard Terms and Conditions. Above prices will be withdrawn if not accepted within 15 days of this proposal on November 19, 2019.

The above prices are quoted F.O.B. delivered to jobsite or as near jobsite as road, weather conditions, and trucking laws will permit. The fabricator shall not be held responsible for delays in shipment due to acts of God, floods, fires, riots, incidents of war, restrictions of government, or shortages of transportation, labor or raw materials. Deliveries will be scheduled as close as possible to requested times, but we cannot be held responsible for late shipments because of trucking breakdowns, accidents, or any unforeseen circumstances beyond our control.

The attached material prices are based on TL or LTL shipments of quantities shown. Partial shipments will have additional freight charges added to the invoice. Reinforcing Unit Prices are calculated on 40,000 lb. per load for (1) stop. Extra loads will be charged @ $800 per load.

Bar supports are estimated per Department of Transportation specifications. Two hours unloading time is included. Additional unloading time will be charged to the general contractor at $300/hour.

68 loads are included; 3 deliveries for supports/splicers.

All claims of shortages or misfabrication of any materials must be reported to MA Rebar Services, Inc. within two (2) working days after delivery, so we can replace subject material. We will not accept any claims after that time period. Deductions of above claims from our invoices will not be accepted and we may withhold future shipments on said project until payments are made. Our material supplier reserves the right to add a fuel surcharge during the length of the Contract due to rises in fuel costs.

Material pricing will only be held until November 19, 2019, unless a signed copy of this proposal or a mutually agreeable P.O. has been executed by both parties, before this date, or an extension is given in writing by MA Rebar.

73400100	Concrete Sign Standard Foundations - Epoxy Coated	29,440.00	$0.74/lb
	Reinforcing Steel Spirals - Epoxy Coated	9,562.00	$0.74/lb
	Includes 4 Spacers; 2 Installed, 2 Loose		
	Spiral Height used (24'-7") is based on an assumed 25'-0" Drilled Shaft		
	Reinforcing Steel Standees - Epoxy Coated	39.00	$0.74/lb
JI637030	Concrete Barrier, Single Face, Reinforced, 42" - Epoxy Coated	873.00	$0.74/lb
JI637032	Concrete Barrier Base, Reinforced, For SF Barrier, 42 Inch- EC	1,589.00	$0.74/lb
	Reinforcing Steel Standees - Epoxy Coated	319.00	$0.74/lb
Z0073346	Sleeper Slab - Epoxy Coated	9,434.00	$0.74/lb
JT637050	Concrete Barrier Base, Reinforced, For SF Barrier, 42 Inch- EC	48,933.00	$0.74/lb
	Reinforcing Steel Standees - Epoxy Coated	2,809.00	$0.74/lb
JT637054	Concrete Barrier Base, Reinforced, For SF Barrier, 44 Inch – EC	19,081.00	$0.74/lb
	Reinforcing Steel Standees - Epoxy Coated	945.00	$0.74/lb
JT637056	Concrete Barrier Base, Reinforced, For SF L-Shape, 44 Inch – EC	61,772.00	$0.74/lb
	Reinforcing Steel Standees - Epoxy Coated	3,409.00	$0.74/lb
JT637058	Concrete Barrier Base, Reinforced, For SF Barrier, 54 Inch – EC	7,308.00	$0.74/lb
	Reinforcing Steel Standees - Epoxy Coated	242.00	$0.74/lb
JT637100	Concrete Barrier, Single Face, Reinforced, 42" – EC	26,887.00	$0.74/lb
JT637110	Concrete Barrier, Single Face, Reinforced, 44" - EC	9,297.00	$0.74/lb
JT637115	Concrete Barrier, Single Face, Reinforced, L Shaped 44" - EC	32,212.00	$0.74/lb
JT637120	Concrete Barrier, Single Face, Reinforced, 54" - EC	3,809.00	$0.74/lb
X0322434	Light Tower, Service Pad, Special – EC	12,400.00	$0.74/lb
Z0073346	Sleeper Slab - EC	9,434.00	$0.74/lb
	3 ¾" Continuous High Chair Upper – EC	640.00	$0.74/lb

Bid Item	Description	Quantity	Labor
50800205	Reinforcing Steel - Epoxy Coated	2,086,063	$0.62/lb.
	Reinforcing Steel Spirals - Epoxy Coated *Includes 4 Spacers; 2 Installed, 2 Loose*	14,399.00	$0.62/lb.
	Reinforcing Steel Standees for Approach Slabs - Epoxy Coated	6,866.00	$0.62/lb.
	Reinforcing Steel Standees for Anchorage/Moment Slabs – EC	6,924.00	$0.62/lb.
	Reinforcing Steel Standees for Abutment/Pier Footings - EC	6,464.00	$0.62/lb.
	#5 Dbl Headed Bar 2'-2" x 1'-4" x 2'-4" Long - Epoxy Coated	240.00	$24.00/ea.
	#5 Headed Bar 2'-3" x 2'-0" Long - Epoxy Coated	240.00	$24.00/ea.
	#5 Dbl Headed Bar 2'-6" x 2'-9" Long - Epoxy Coated	247.00	$24.00/ea.
	#5 Dbl Headed Bar 4'-11" Long - Epoxy Coated	257.00	$24.00/ea.
50800515	#5 Bar Splicer Sets 3'-6" Long - Epoxy Coated	64.00	$24.00/ea.
	#5 Bar Splicer Sets 3'-11" Long - Epoxy Coated	102.00	$24.00/ea.
	#5 Bar Splicer Sets - Epoxy Coated *Set Bar = 4'-0" Long; Splice Bar = 6'-0" Long*	98.00	$24.00/ea.
	#6 Bar Splicer Sets 4'-1" Long - Epoxy Coated	24.00	$24.00/ea.
	#6 Bar Splicer Sets 4'-8 Long - Epoxy Coated	99.00	$24.00/ea.
	#5 Bar Splicer Sets - Epoxy Coated *Set Bar = 0'-10" Long w/ 2'-10" Hook; Splice Bar = 6'-0" Long*	75.00	$24.00/ea.
	#5 Bar Splicer Sets - Epoxy Coated *Set Bar = 0'-10" Long w/ 2'-5" Hook; Splice Bar = 6'-0" Long*	70.00	$24.00/ea.
	#5 Bar Splicer Sets - Epoxy Coated *Set Bar = 0'-10" Long w/ 3'-0" Hook; Splice Bar = 6'-0" Long*	136.00	$24.00/ea.
50800530	#5 Mechanical Coupler - Epoxy Coated	90.00	$26.00/ea.
52200500	MSE Retaining Wall Coping - Epoxy Coated	7,370.00	$0.74/lb
63700180	Concrete Barrier, Single Face 44" Height - Epoxy Coated	1,696.00	$0.74/lb
63700900	Concrete Barrier Base - Epoxy Coated	3,067.00	$0.74/lb
	Reinforcing Steel Standees - Epoxy Coated	319.00	$0.74/lb

15) Subcontractor agrees to indemnify the Owner, General Contractor and others from any and all damage, loss, or injury, caused by this Subcontractor, but only to the extent that damage, loss, or injury is caused by this Subcontractor and is covered by insurance.
16) This proposal does not include a waiver of subrogation endorsement.
17) Contractor shall, if the Owner does not, purchase and maintain an all risk insurance policy for the full value of the entire work and/or material delivered to the job site, which shall include the full interest of Subcontractor, as an additionally named insured.
18) If accepted, the terms and conditions of this Subcontract Proposal, as mutually agreed upon and shall be incorporated into any final contract one is provided to Subcontractor. Otherwise, Contractor's notice to proceed, whether by mail, phone, facsimile, or any other means of communication, shall constitute an acceptance of this offer and shall bind the Contractor to the terms and conditions as set forth herein, and no further writing shall be required by Subcontractor.
19) Subcontractor hereby warranties its work to the full extent required by the plans and specifications for a period of one (1) year following final completion of Subcontractor's work.
20) In the event either Contractor or Subcontractor institutes a suit against the other in connection with any matter arising from this agreement, the prevailing party shall be entitled to recover from the other its reasonable attorney's fees.
21) Contractor shall furnish adequate parking area for Sub-Contractors field crew and sufficient space for a job site plan shack at no additional cost to the Sub-Contractor.

Special Conditions:

1) Excludes support bars and racking steel per ACI Standards. MA Rebar Services, Inc will install for contract unit price
2) Contractor to furnish a 10,000 lb capacity forklift and/or a crane of sufficient capacity to assist in offloading and erection of the reinforcing.
3) Excludes any welding of reinforcing steel
4) MA Rebar Services, Inc. has included a maximum of one (1) hour per employee for initial site orientation/safety training. If initial site orientation/safety training exceeds one (1) hour, MA Rebar Services, Inc will be compensated for any additional hours expended.
5) Excludes drilling and epoxy grouting of reinforcing steel dowels.
6) smooth dowels can be inserted on T&M.
7) Bridge decks to be completely framed and cleaned prior to MA mobilizing to install stud shear connectors
8) MA Rebar to be given flat area adjacent to the bridge for stud welder during stud shear installation.

This Proposal is Hereby Accepted:

Company: _____

By: _____

Date: _____

MA Rebar Services, Inc

By: Thomas Kern

Title: President

Date: November 6, 2019

Signed: [redacted]

Illinois Department of Transportation
Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

November 16, 2018

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Theresa Kern
MA Rebar Services, Inc.
1415 W. 37th St., Ste. 205 West
Chicago, IL 60609

Dear Ms. Kern:

The Illinois Department of Transportation (IDOT) has approved the "No Change Affidavit" for MA Rebar Services, Inc. and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

In order to remain certified and in good standing, you must annually submit a No Change Affidavit. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises (bureau) within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there are <u>any</u> change in circumstances affecting your firm's eligibility status, your firm <u>must</u> provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

E. Diane Cook Felton, Manager
DBE Certification Section
Bureau of Small Business Enterprises

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

MA Rebar Services, Inc.
Theresa Kern
1415 W. 37th St., Ste. 205 West
Chicago, IL 60609

Email: tk@marebarservices.com
Phone: (773) 475-7842
Fax: (773) 940-2312

County: Cook

Categories: Construction

NAICS	Specialty
237310-Highway, Street, & Bridge Construction	237310- STEEL, REINFORCING - REBAR PLACEMENT

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Version: 1.1.27.54

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 – DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #: I-19-4464

DBE FIRM NAME: E. KING CONSTRUCTION

CIRCLE ALL THAT APPLY: (DBE) MBE WBE SMALL(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER X SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): (Y) N | TIER 2 OR BELOW: Y N UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
2040200	OFFSITE TO ONSITE HAULING					$1,775,483.00
X2040205						
	TOTALS FOR THIS DBE FIRM:					$1,775,483.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item 81067J010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor | Title | Date

[redacted] PRESIDENT 11/4/19

Signature for DBE Contractor | Title | Date

Contact: ELAINE KING

Firm Name: E. KING CONSTRUCTION

E-mail: EKINGPRES@AOL.COM

Phone: 773-284-9800

Address: 3465 WEST CERMAK RD., CHICAGO IL 60623

Shamik Amin
Judlau Contracting, Inc.
shamik.amin@ohlna.com
630-387-6040
1011 Warrenville Rd. #195 Lisle, IL 60532

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-19-4464

DBE FIRM NAME: E. King Construction

CIRCLE ALL THAT APPLY: DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER: X SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): (Y) N TIER 2 OR BELOW: Y N UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getpass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) Reduce to 60% of contract amount if firm is a SUPPLIER
2020200	OFFSITE TO ONSITE HAULING					$1,775,483.00
X2070805						
	TOTALS FOR THIS DBE FIRM:					$1,775,483.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #X671010, will not be approved without the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] President 11/4/19

Signature for Prime Contractor | Title | Date

Signature for DBE Contractor | Title | Date

Shamik Amin
Judlau Contracting, Inc
shamik.amin@ohla.com
630-387-6040
1011 Warrenville Rd. #195 Lisle, IL 60532

Contact: Elaine King
Firm Name: E. King Construction
E-mail: EKingTrk6@aol.com
Phone: 773-284-9800
Address: 3665 West Columbus Ave, Chicago IL 60652

E. King Construction
3865 W. Columbus Ave
Chicago, IL 60652

OFFICE: (773) 284-9800
FAX: (773) 284-9856
DATE: 11-04-19

Job Quote

Company Name: Judlau Contracting Inc.	
Company Address: 1011 Warrenville Road (#195)-Lisle, IL 60532	
Contact Name: Dalin Smith	
Phone #: 630-387-6078	Fax #: 331-777-5771
Job Name: Istha I-19-4464 I57 Between Kedzie & CSX Railroad in Posen, IL	
Job Number:	Job Start Date: 2020
Terms: Net 30 days date of invoice.	
For each month or part thereof that amounts due hereunder are not paid when due, there will be added to such amount a late charge computed at the rate of 1 1/2% per month or at the maximum rate permitted under applicable law or at such lesser rate as may be established by E. King Construction from time to time. Customer shall pay all cost of collection including a reasonable attorney's fee for services rendered by suit or otherwise in collecting past due invoices.	

Quote good for 30 days

Hourly Cartage End Dumps:
Monday-Saturday $115.00 per hour plus ½ hour travel
Sunday $165.00 per hour plus ½ hour travel

Export Cartage Only:
Special Waste to Countryside Grayslake or Zion $550.00 per load
Special Waste to Laraway $325.00 per load
Special Waste to Davis Junction or Winnebago County $595.00 per load
CCDD/Concrete or Asphalt to Vulcan McCook $195.00 per load
CCDD/Concrete or Asphalt to Wigboldy $125.00 per load

Import Cartage Only:
Stone from Vulcan/Hanson or Reliable McCook $9.75 per ton
Stone from Wigboldy $6.25 per ton
Clay from MWRD Elk Grove $290.00 per load (Day or Night)
Clay from 294 & Ogden $163.00 per load (Day or Night)

4% Increase for every year after 2020

Waiting Time After 30 Minutes at The Hourly Rate

Is this job sales tax exempt? No ____ Yes ____ If yes – tax # _____
Is certified payroll required? No ____ Yes _____ If yes, attach appropriate info

Any and all E. King Construction trucks or brokers that are overloaded by the above company or their subcontractors will be charged to the above company in full for each overweight incurred. All overloads are the above company's responsibility.

The above company warrants and represents that all materials to be loaded, trucked or hauled is free of any and all contamination, including but not limited to any petroleum, crude oil, or any fraction thereof, and any "hazardous substance" or "pollutant or contamination" as defined in sections 101(14) & 101(33) respectively, of the comprehensive environmental response, compensation & liability act [42 U.S.C. sections (14) & (33)].

Approved & Accepted
E. King Construction

Company _____

Name of Agent_____

Authorized Agent _____

Authorized Agent_____

Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

E. King Construction Co., Inc.
Elaine King
3865 W. Columbus Ave.
Chicago, IL 60652-3731

Email: ekingtrkg@aol.com
Phone: (773)-284-9800
Fax: (773) 284-9856

County: Cook

Categories: Trucking

NAICS	Speciality
484220-Specialized Freight (except Used Goods) Trucking, Local	484220- TRUCKING

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Version: 1.1.27.5458

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT # I-19-4464

DBE FIRM NAME: RA Seaton Contractor Services LLC

CIRCLE ALL THAT APPLY: (DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER X SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): (Y) N TIER 2 OR BELOW: Y N UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO.*	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduced to 60% of contract amount if firm is a SUPPLIER)
	VARIOUS TRUCKING FROM ON-SITE					
	TO OFF-SITE					
			TOTALS FOR THIS DBE FIRM:			482,539.00

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/2019

Signature for Prime Contractor Title Date

Contact: SHAMIK AMIN

Firm Name: JULAV

E-mail: SHAMIK.AMIN@ONLNA.com

Phone: 630-387-6040

Address: 1011 WARRENVILLE RD #145 LISLE IL 60532

[redacted] Pres 11/04/19

Signature for DBE Contractor Title Date

Contact: Rebecca A Seaton

Firm Name: RA Seaton Contractor Services LLC

E-mail: raseatoncontractor@gmail.com

Phone: 815-520-4812

Address: 900 Linden Road Rockford IL 61109

RA Seaton
CONTRACTOR SERVICES
Northern Illinois

IDOT - WisDOT - IowaDOT
DBE CERTIFIED

- Trucking
- Pipe Supply
- Concrete Supply

R A Seaton Contractor Services LLC
5100 Linden Road
Rockford, IL 61109
Phone (815) 520-4812
Fax (815) 547-7766

Rebecca Seaton - 815-378-9799
raseatoncontractor@gmail.com
office - raseatonoffice@gmail.com

IL Intrastate Authority
IL Broker Authority
WI Intrastate Authority
Federal Interstate Authority
Federal Broker Authority

Attention: Estimating **Bid Date:** 11/05/19

Project: ISTHA I-19-4464

Customer: **Judlau Contracting Inc**

Items:

- Trucking services include hauling dirt, sand, aggregates, core-out material, millings, broken concrete, HMA, wet batch concrete, barrier wall, salt, compost, timber mats
- IL EPA certified to haul Special Waste spoils
- Long dumps and aluminum trailers available for aggregate tonnage hauls
- Heavy steel and barn door trailers available for broken concrete
- Flatbed trailers and water tanker trailer also available
- 60+ semi dump trucks and 6+ tandem dump trucks available daily

Hourly Trucking Rates: 2020 / 2021

Semi w/ dump trailer	$ 106.00 / $107.00	Flatbed	$110.00 both years
Semi w/ belt trailer	$ 110.00 / $111.00	Water tanker	$105.00 both years
Tandem dump	$ 96.00 / $97.00		

Hourly rates include travel time.

Pick-up Location	Delivery Location	Product	Units	Cartage price 2020 (1% escalation for each additional year)
MWRD	jobsite	borrow exc	load	$290.00
Ogden Stockpile				$163.00
Tough Cuts Yard				$225.00
Vulcan McCook	jobsite	aggregates	ton	$9.75
Hanson McCook				$9.90
Thornton Reliable				$8.35
Thornton Hanson				$8.00
Jobsite	Vulcan McCook	CCDD	load	$213.00
	Hanson McCook			$216.00
	Thornton Reliable			$185.00
	Thornton Hanson			$178.00

WI6BOLDY $4.50 / TON
WM - LARAMIE $245 / LOAD

All applicable toll charges will be added to the hourly rates
Quoted tonnage and per load rates include applicable toll charges and travel time.
Quoted tonnage rates are subject to review and revision if needed due to construction traffic, detours, delays, etc.
GC responsible for overweight fines for loads that are not scaled out
Terms: Net 30 days from the date of invoice

Illinois Department of Transportation

Office of Business & Workforce Diversity
2300 South Dirksen Parkway / Springfield, Illinois 62764

September 30, 2019

CERTIFIED-RETURN RECEIPT REQUESTED

Ms. Rebecca A. Seaton
R.A. Seaton Contractor Services, L.L.C.
5100 Linden Rd.
Rockford, IL 61109

Dear Ms. Seaton:

The Illinois Department of Transportation (IDOT) has approved the *No Change Affidavit* for R.A. Seaton Contractor Services, L.L.C., and determined that the firm continues to meet DBE eligibility standards to perform work towards DBE goals.

To remain certified and in good standing, you must annually submit a *No Change Affidavit*. IDOT will send an affidavit form 60 days prior to the firm's next anniversary date.

Should the submitted information change, you are required to notify IDOT's Bureau of Small Business Enterprises within 30 days of the change.

Note: Pursuant to 49 CFR Part 26.83(i), whenever there is a change in circumstances affecting your firm's eligibility status, your firm must provide written notification to IDOT within 30 days of the occurrence of the change. If you fail to make timely notification, it may result in the loss of your firm's certification.

If you have any questions, please contact the Bureau of Small Business Enterprises at (217) 782-5490.

Sincerely,

[redacted]

E. Diane Cook Felton, Manager
DBE Certification Section
Bureau of Small Business Enterprises

Illinois Department of Transportation

R.A. Seaton Contractor Services, L.L.C.

is hereby certified as a

Disadvantaged Business Enterprise

This certificate is valid under current firm ownership and operational control only and supercedes any authorization or listing previously issued.

[redacted]

Ann L. Schneider
Secretary
Illinois Department of Transportation

[redacted]

Debra A. Clark
Acting Bureau Chief
Bureau of Small Business Enterprises

Effective the 18th day of September 2012

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

R.A. Seaton Contractor Services, L.L.C.
Rebecca A. Seaton
5100 Linden Rd.
Rockford, IL 61109

County: Winnebago

Email: raseatoncontractor@gmail.com

Phone: (815) 520-4812

Fax: (815) 547-7766

Categories: Miscellaneous, Supplier, Trucking

NAICS	Specialty
327320-Ready-Mix Concrete Manufacturing	327320- SUPPLIER: CONCRETE
425120-Wholesale Trade Agents and Brokers	425120- PIPE - NON-STOCKING DISTRIBUTOR
484220-Specialized Freight (except Used Goods) Trucking, Local	484220- TRUCKING
561990-All Other Support Services	561990- MISC: FLAGGING SERVICES

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Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	1-19-4484

DBE FIRM NAME:	Chicagoland Truckin' Inc
CIRCLE ALL THAT APPLY:	(DBE) MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:					
PRIME _____	JV PARTNER _____	SUBCONTRACTOR _____	TRUCKER X	SUPPLIER _____	MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan.
Attach this form to the DBE Utilization Plan form, DBE Form 2026. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on DBE FIRM letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	VARIOUS ON-SITE TO OFF					
	SITE HAULING					
	TOTALS FOR THIS DBE FIRM:					59,885.06

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items and/or Mobilization Item: 6J5871010 will not be approved within the DBE Utilization Plan for DBE subcontractors but credit may be allowed if performed as part of specific pay item(s) during contract execution. Reference Sections II, VI.A.2 and VI.B.1 of the Special Provision for DBE Participation. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR
Signature for Prime Contractor — Title

Date: 11/5/2019
Contact: SHAMIK AMEN
Phone: 630-580-6010
Firm Name: JULAU
Address: 1051 WARRENVILLE RD. # 195 LISLE IL 60532

[redacted] Operations Manager
Signature for DBE Contractor — Title

Date: 11/5/19
Contact: Isidro Lopez
Phone: 773 921-9200
Firm Name: Chicagoland Truckin' Inc
Address: 5454 W Roosevelt Rd, Chicago, Il , 60644

Illinois State Toll Highway Authority "ISTHA"

DBE FORM 2025 - DBE PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

DBE FIRM NAME:	Chicagoland Truckin' Inc
CIRCLE ALL THAT APPLY:	DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:					
PRIME ____	JV PARTNER ____	SUBCONTRACTOR ____	TRUCKER X	SUPPLIER ____	MANUFACTURER ____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): (Y) N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan.
Attach this form to the DBE Utilization Plan form, DBE Form 2026. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on DBE FIRM letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	VARIOUS ON-SITE TO OFF					
	SITE HAULING					
			TOTALS FOR THIS DBE FIRM:			59,885.06

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items and/or Mobilization item 6JS871010 will not be approved within the DBE Utilization Plan for DBE subcontractors but credit may be allowed if performed as part of specific pay items(s) during contract execution. Reference Sections II, VI.A.2 and VI.B.1 of the Special Provision for DBE Participation. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR
Signature for Prime Contractor — Title

Date: 11/5/2019
Contact: SHAMIR AMIN
Phone: 630-387-6040
Firm Name: JUNAU
Address: 1011 WARRENVILLE RD, # MS LISLE IL 60532

[redacted] Operations Manager
Signature for DBE Contractor — Title

Date: 11/5/19
Contact: Isidro Lopez
Phone: 773 921-9200
Firm Name: Chicagoland Truckin' Inc
Address: 8494 W Roosevelt Rd, Chicago, Il, 60644

[redacted]

C.T.I.
Chicagoland Trucking Inc.
(773) 921-9288
(773) 921-8944 (Fax)
Chicago, IL.
MBE/DBE Certified

11/5/2019

Job Proposal

Contractor: Judlau Contracting Inc
Attention: Dalin Smith
Job: ISTHA I-19-4464
Owner: ISTHA

Hourly Rates		1020	2021
Present - December 31st 2020	Mon. - Fri.	$110.00	$115.00
1 hr travel time at the end of each day	Saturday	$130.00	$135.00
	Sunday	$165.00	$180.00

ADDITIONAL 5% ESCALATION PER YEAR AFTER 2021 for cartage, disposal and material costs may apply
NOTE TOLLS ARE INCLUDED on PER LOAD PRICING

Ogden & I-295	$160.00 per-load cartage only
I-90 & Elmhurst	$170.00 per-load cartage only

Tolls are included on per load pricing

Clean Fill: (Pending open facility approval)

Reliable Thermo	**$140.00 per-load cartage only**
CCDD Fill	$105.00 per-load disposal only
Broken Asphalt	$75.00 per-load disposal only
Clean Broken Concrete (No Worth, No Bolton, No Riverdale)	N/C per-load disposal only
Joshen Recycling	**$140.00 per-load cartage only**
CCDD Fill	$85.00 per-load disposal only
Broken Asphalt	$90.00 per-load disposal only
Clean Broken Concrete (No Worth, No Bolton, No Riverdale)	$30.00 per-load disposal only
Hanson Thornton	**$140.00 per-load cartage only**
CCDD Fill	$105.00 per-load disposal only

Aggregate (Pending availability)

Hanson Thornton	**$7.00 per-ton cartage only**
FA 02	$7.00 per-ton material only
FM 06	$6.75 per-ton material only
FM 05 fleroenings	$4.50 per-ton material only
Ch-7 Deck Fill	$12.50 per-ton material only
RR 01	$11.25 per-ton material only
CA 01 - 3"	$11.25 per-ton material only
CS 01 Agg Sub	$8.75 per-ton material only
RR 03	$27.00 per-ton material only
Ch 06	$8.00 per-ton material only
FM 20	$9.00 per-ton material only
CM 16 Chips	$18.50 per-ton material only
Wicksdry Material	**$7.00 per-ton cartage only**
	$140.00 per load cartage only
Clean Broken Concrete (No Worth, No Bolton, No Riverdale)	N/C per-load disposal only
Recycled PGE - 3"	$7.50 per-ton material only
Recycled Ch-6	$6.50 per-ton material only
Recycled RAP	$5.00 per-ton material only

Plus Fee If Applicable

Special Waste delivery:

Wid Lawrence facility		$265.00 per-load cartage only
	1st 12 months	$21.50 per ton disposal only
	2nd 12 months	$22.35 per ton disposal only

ZERO RETAINAGE
4 WHEELERS AVAILABLE : 8 hr MIN
BARN DOOR TRAILERS AVAILABLE : 8 hr MIN
SEMI-FLATBEDS AVAILABLE PER HRLY RATES, 8 HR MIN.
HARD TO HANDLE CHARGES WILL BE BILLED ACCORDINGLY

Loads containing of any kinds of waste, plastics or rubber of any kind will be charged accordingly, or possibly rejected.
A 15 minute demurrage time is allowed per load; After that walking time applies per hourly rate.
Contractor loading trucks must be responsible for all and any over weight fines. We reserve the right to reject any unsafe load.
We assume no liability for damaged sidewalks, driveways, or any underground construction by trucks making a pickup or a delivery.
Restrictive use of truck allowed, and payment of cartage & disposal charges due in 30 days. Accounts past due over 30 days will be subject to 1.5% monthly interest rate. CTI reserves the right to collect on all attorney fees and all collection costs in the event customer becomes delinquent. Placing any truck order acknowledges agreement of above terms. Please sign and fax back.

Chicagoland Trucking Inc. Company: _____

Quoted By: Jaden Lopez Accepted: _____

Position: Operations Manager Position: _____

Signature: [redacted] Signature: _____

(708) 343-9147

Metra 547 W. Jackson Boulevard, Chicago, IL 60661 312.322.6900 metrarail.com

August 22, 2019

Alberto Roman
Chicagoland Truckin, Inc
5494 W. Roosevelt Road
Chicago, IL 60644-1467052

Dear Mr. Roman:

Metra has reviewed your annual *No Change Affidavit* and supporting documentation and is pleased to inform you that your firm continues to meet the Disadvantaged Business Enterprise (DBE) program certification eligibility standards set forth in 49 CFR Subpart D 26.61. Your next No Change Affidavit is due **August 21, 2020.**

This certification allows your firm to participate as a DBE in the Illinois Unified Certification Program (IL UCP). The participating agencies include the Illinois Department of Transportation, the City of Chicago, the Chicago Transit Authority, Metra and Pace.

If there is any change in your certification that affect your ability to meet size standards, disadvantaged status, ownership, or control requirements or any material change in the information provided in your initial application, you must provide written notification to this agency within thirty (30) days of the occurrence of the change. Failure to provide this information is grounds for removal of certification based on failure to cooperate pursuant to 49 CFR 26.109(c).

Your firms name will appear in the IL UCP directory, which is used by prime contractors/consultants, as well as other agencies, to solicit participation of DBE firms. The Directory can be accessed at www.metrarail.com under the Business Diversity DBE link. Your firm's name will appear in the IL UCP DBE Directory under the following:

NAICS Code: 484220

Specialty: Semi-Dump Truck Construction Hauling

Your participation on contracts will only be credited toward DBE contract goals when your firm performs in a Commercially Useful Function (CUF) in its approved area(s) of specialty.

Sincerely,

[redacted]

Janice R. Thomas, CPPB
Senior Division Director
Office of Business Diversity & Community Relations

JRT:am/kb

Metra is the registered service mark for the Northeast Illinois Regional Commuter Railroad Corporation

Unified Certification Program - Search

Contractor Details Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

Chicagoland Truckin Inc.
Alberto Roman
5494 W. Roosevelt Rd.
Chicago, IL 60644-1467

Email: ctl-trucks@ameritech.net
Phone: 773-921-9200
Fax: 773-921-8944

County: Cook

Categories: Trucking

NAICS	Speciality
484220 - Specialized Freight (except Used Goods) Trucking, Local	484220 - Semi-Dump Truck Construction Hauling

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Version: 1.1.27.5458

CONTRACT #		DBE FIRM NAME:	
		CIRCLE ALL THAT APPLY:	DBE MBE WBE SBA 8(A)

CHECK ALL THAT APPLY:
PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER _____ SUPPLIER _____ MANUFACTURER _____

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y N	TIER 2 OR BELOW: Y N	UNDER CONTRACT TO:

This form must be completed for EACH disadvantaged business participating in the DBE Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on the DBE firm company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL DBE CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
	TOTALS FOR THIS DBE FIRM:					

*Contingency Work must not be included under Pay Items and will not be approved toward DBE goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance items, including but not limited to Mobilization Item #JS671010, will not be approved within the DBE Utilization Plan. NOTE that these items are not included in the determination of the DBE Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the DBE listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the DBE may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the DBE on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. **The Prime Contractor will not assign any of the contract items listed above to a firm other than the DBE identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the DBE** no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. **Failure to receive written approval prior to a change in type or scope is a violation of the Special Provision for DBE Participation and can subject the contractor to contract sanctions.**

Signature for Prime Contractor **Title** **Date**

Contact:

Firm Name:

E-mail:

Phone:

Address:

Signature for DBE Contractor **Title** **Date**

Contact:

Firm Name:

E-mail:

Phone:

Address:

DBE FORM 2023

Demonstration of Good Faith Efforts to Achieve DBE Subcontracting Goal

If the DBE contract goal was not achieved, the Good Faith Efforts checklist and contacts log must be submitted with the bid. Failure to do so may render the Bidder's solicitation response non-responsive and cause it to be rejected, or render the Bidder ineligible for contract award, at ISTHA's sole discretion. The Bidder must provide all evidence relied upon in support of its Good Faith Efforts with its bid.

Good Faith Efforts Checklist

Insert on each line below the initials of the authorized Bidder representative who is certifying the Bidder has completed the activities described below. If any of the items were not completed, attach a detailed written explanation. If any other efforts were made to obtain DBE participation in addition to the items listed below, attach a detailed written explanation.

_____Identified portions of the contract work capable of performance by available DBEs, including, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation even when the Bidder could perform those scopes with its own forces.

_____Solicited through reasonable and available means (e.g., pre-bid meetings, networking session, written notices, advertisements) DBEs to perform the types of work that could be subcontracted on this project, within sufficient time to allow them to respond.

- ILUCP DBE Directory: http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index
- City of Chicago's M/WBE Directory: https://chicago.mwdbe.com/FrontEnd/VendorSearchPublic.asp?TN=Chicago
- County of Cook, IL's M/WBE Directory: http://www.cookcountyil.gov/mbewbevbe-directory/
- Small Business Administration's SBA 8(a) Directory: http://dsbs.sba.gov/dsbs/search/dsp_dsbs.cfm

_____Provided timely and adequate information about the plans, specifications and requirements of the contract. Followed up initial solicitations to answer questions and encourage DBEs to submit bids.

_____Negotiated in good faith with interested DBEs that submitted bids and thoroughly investigated their capabilities.

_____Made efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as may be required for performance of the contract (if applicable).

_____Utilized resources available to identify available DBEs, including but not limited to DBE assistance groups; local, state and federal minority or women business assistance offices; and other organizations that provide assistance in the recruitment and placement of DBEs.

Affidavit of Truthfulness: Signature below affirms accuracy of Good Faith Efforts and authority to provide above information

Print Name: _____ Phone contact: _____

Position: _____ E-mail address: _____

Signature: _____ Date: _____

Illinois Tollway

DBE FORM 2023

Good Faith Efforts Contacts Log for Soliciting - DBE Participation: Form 2023 continued

Project name: _____ Project number: _____

Bidder name: _____ Contact person: _____

Use this form to document all contacts and responses (telephone, e-mail, fax, etc.) regarding the solicitation of DBEs. Duplicate as needed.

Name of DBE	Date and method of contact	Scope of work solicited	Reason agreement was not reached

Affidavit of Truthfulness: Signature below affirms accuracy of Good Faith Efforts and authority to provide above information

Print Name: _____ **Phone contact:** _____

Position: _____ **E-mail address:** _____

Signature: _____ **Date:** _____

ILLINOIS STATE TOLL HIGHWAY AUTHORITY

FORM 2024 - DBE Trucking Reporting and Verification Form

To be submitted to the CM by the prime contractor at 25%, 50%, 75% of contract completion, FINAL (Request for Release of Final Retainage)

SECTION A: to be completed by Prime Contractor

(a) Contract Number _____

(b) Prime Contractor Name _____

(c) Contract Award Value _____

(d) Amount Earned to Date

(e) Percent Complete _____ Chose One

(f) Reporting Period: _____ To _____

	(h) Name of DBE Trucking Subcontractor	(i) DBE Trucking Subcontractor Amount from DBE Plan (Form 2025)	(j) Amount Paid to DBE Trucking Subcontractor to Date	(k) Percent of Planned Amount Paid to Date
(g)				#DIV/0!

(h) _____ _____

Signature of Prime Contractor Authorized Agent — Date

(i) _____ _____

Printed Name — Title

SECTION B: to be completed by DBE Trucking Sub-Contractor

		Number of Trucks
(j)	Total value of payments received for trucks owned and operated by this DBE trucker	a. _____
(k)	Total value of payments received for trucks leased and operated by another DBE trucker	b. _____
(l)	Total value of payments received for trucks leased from a Non-DBE trucker	c. _____
(m)		$ -

Total of a, b & c above must be equal to the amount paid to subcontract as disclosed by the prime contractor in Section A (Shaded Cell); include number of trucks for each dollar value.

(n) Total fee or commission received in association with lease of Non-DBE trucks (mark-up) d. _____

(o) **Total DBE Trucking Participation Based on DBE Special Provision VII.A.** $ -

Sum of a, b & d above

(p) _____ _____

Signature of DBE Sub-Contractor Authorized Agent — Date

(q) _____ _____

Printed Name — Title

I certify that I have read and understood the information provided by this form and that all of the foregoing information submitted in this affidavit are true and correct to the best of my knowledge, as of the stated date(s), and that all responses are full and complete, omitting no material information. I authorize the Illinois State Toll Highway Authority to make inquiries to verify the accuracy of the statements made.

I understand that a material or false statement or omission made in connection with this application may be sufficient cause for revocation of a prior DBE certification, initiation of suspension or debarment proceedings, and may subject the person and/or entity making the false statement to any and all civil and criminal penalties available pursuant to applicable Federal and State law.

Signature /Date of Construction Manager (CM)

Diversity Verification

Initials / Date

Illinois Tollway

ISTHA DBE Final Payment Report – DBE Form 2115

General Information

1	Report Date:			
2	Contract No.:			
3	Reporting Period:		Through	

Prime Contractor Information

4	Prime Contractor:	
5	Address:	
6	Telephone:	

Subcontractor Information

7	Subcontractor:	
8	Address:	
9	Telephone:	

Subcontractor Payment

13	Payment Earned during Contract:	
14	Adjustments:	
15	Payment Recvd to date:	
16	Payment withheld due to delinquent debt:	
17	Balance Due:	

Subcontractor Work during Contract:

Pay Item No.	Pay Item Description	Quantity	Unit	Unit Price	Total Amount	Partial Pay Item Descr. (if app.)	Total Earned by Subcontractor
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
						(26) **Sum:**	

(27)Explanations	

Affidavit: **This form is to verify the work completed and the amount paid to the DBE Subcontractor on the above captioned contract. Under penalty of law for perjury or falsification, the undersigned certifies that the work reported herein was executed by the DBE, that the DBE actually performed, managed and supervised the work, that this represents all payment to the Subcontractor on the above captioned contract, excepting payment withheld due to delinquent debt for which the Subcontractor is responsible, and that the work reported herein conforms to the work reported in the approved Utilization Plan (DBE Form 2026/2025) together with any amendments approved by ISTHA. The undersigned also certifies that he or she is a duly authorized agent with full power and authority to make this certification.**

Prime Contractor

28	Name of Agent:	
29	Title of Agent:	
30	Signature of Agent:	
31	Date of Signature:	

Subcontractor

32	Name of Agent:	
33	Title of Agent:	
34	Signature of Agent:	
35	Date of Signature:	

Capture Application Request for Log-in/Password

I, _____, _____,
(Print the name of signatory party) (Title)

request a **Login** and **Password** for the DBE/EEO Capture Application for

☐ Construction Manager ☐ Prime Contractor

(company name) _____.

Request Type: ☐ New User – **or** -- ☐ I need to add or remove contracts from my existing ID.

My email address is: _____ (only for new user).

I have the responsibility to review DBE/EEO data for the Tollway on contract(s):

# _____ [ ] add [ ] remove	# _____ [ ] add [ ] remove	# _____ [ ] add [ ] remove
# _____ [ ] add [ ] remove	# _____ [ ] add [ ] remove	# _____ [ ] add [ ] remove

Any party reviewing this DBE/EEO data must certify that they have the authority to provide the information contained therein and that the information is complete and accurate.

Print Name:_____ Date _____

User Signature: _____ Date _____

Print Company Name: _____ Date _____

Affidavit: *For and on behalf of*_____
(Printed Company Name)
I, _____, its duly authorized agent with full power
(Printed Name of Agent)
and authority to make this certification, represents, warrant and certify to the Illinois Tollway that this Disclosure is complete and accurate.

Title of Agent:	
Signature of Agent:	
Date of Signature:	

For ease of response, please e-mail this request from the email account listed above to:
dbe@getipass.com

Illinois State Toll Highway Authority

SPECIAL PROVISIONS FOR

EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. OBJECTIVE OF THE EQUAL EMPLOYMENT OPPORTUNITY PROGRAM (EEO):

To promote equality of employment opportunity for all individuals including veteran, minority, and female tradespersons on Illinois State Toll Highway Authority (ISTHA or "Tollway") capital construction projects. In its efforts to achieve this equality, it is the desire of ISTHA to follow the guidelines as instituted by the United States Department of Labor, Office of Federal Contract Compliance Programs ("OFCCP") as established through Executive Order 11246 and by Title VII of the Civil Rights Act of 1964, the Illinois Department of Human Rights (IDHR) as established through the Illinois Human Rights Act (Illinois Compiled Statutes, 77S ILCS S/1 -101, et sequitur), and State of Illinois Executive Order 15-2, Executive Order To Ensure Equal Opportunity Is Provided To All Illinois Persons And Businesses.

2. CONTRACTOR ASSURANCE:

The Contractor will assure that each of its employees and its subcontractors' employees associated with the contract shall not discriminate on the basis of any protected category identified by law in the performance of this contract in compliance with Title VII of the Civil Rights Act of 1964 found in 42 U.S.C § 2000e, *et seq* and Illinois state laws. Discrimination is the unfair treatment or denial of normal privileges to persons because of any characteristic protected by law. The Tollway encourages the prompt reporting of incidents of suspected discrimination, harassment or retaliation, regardless of the offender's identity or position. In the event of the contractor's non-compliance with this Equal Employment Opportunity Special Provision, the contractor may be declared ineligible for future contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations, and the contract may be cancelled or voided in whole or in part, and other remedies invoked as provided by statute or regulation.

3. EEO GOAL TO BE ACHIEVED BY THE CONTRACTOR:

The EEO goals set by the U.S. Dept. of Labor - Office of Federal Contract Compliance Programs ("OFCCP") for construction trade workers in the Chicago area, which is provided through Executive Order 11246, apply to this contract. The EEO goals are measured through the following percentages of construction aggregated work hours in each of the categories;

Women: at least 6.9 percent for all contracts.

Minorities: set on a contract basis, dependent upon the county where the work will be performed. The Minority Goal for this contract is **19.6%**.

ILLINOIS COUNTY	CURRENT FEDERAL GOAL % FOR MINORITIES	ILLINOIS COUNTY	CURRENT FEDERAL GOAL % FOR MINORITIES
BOONE	6.3	LAKE	19.6
BUREAU	18.4	LASALLE	18.4
COOK	19.6	LEE	4.6
DEKALB	18.4	MCHENRY	19.6
DUPAGE	19.6	OGLE	4.6
GRUNDY	18.4	ROCK ISLAND	4.6
HENRY	4.6	STEPHENSON	4.6
IROQUOIS	18.4	WHITESIDE	3.4
KANE	19.6	WILL	19.6
KENDALL	18.4	WINNEBAGO	6.3

4. DEFINITIONS OF ETHNIC CLASSIFICATIONS:

AMERICAN INDIAN OR ALASKA NATIVE:

Persons having origins in any of the original peoples of North and South American (including Central America), and who maintain tribal affiliation or community attachment.

ASIAN:

Persons having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including for example Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

BLACK OR AFRICAN AMERICAN:

Persons having origins in any of the Black racial groups of Africa.

HISPANIC:

Persons of Mexican, Puerto Rican, Cuban, Central American, South American, or other Spanish culture or origin, regardless of race.

5. CONTRACT PERFORMANCE

During the performance of this contract, the contractor agrees as follows, as required by the Illinois Department of Human Rights (IDHR) at 44 Ill. Admin. Code 750 (Appendix A):

5.1 That it will, upon receipt of "Notice of Intent" email as low apparent responsive/responsible Bidder, submit EEO Form 1256, Workforce Projection if required by the "Notice of Intent".

5.2 That it will not discriminate against any protected category identified by law; and further that it will examine all job classifications to determine if minority persons or women are underutilized and will take appropriate affirmative action to rectify any such underutilization.

5.3 That, if it hires additional employees in order to perform this contract or any portion thereof, it will determine the availability (in accordance with IDHR's rules) of minorities and women in the area(s) from which it may reasonably recruit and it will hire for each job classification for which employees are hired in such a way that minorities and women are not underutilized.

5.4 That, in all solicitations or advertisements for employees placed by it or on its behalf, it will state that all applicants will be afforded equal opportunity without discrimination of any protected category identified by law.

5.5 That it will send to each labor organization or representative of workers with which it has or is bound by a collective bargaining or other agreement or understanding, a notice advising such labor organization or representative of the contractor's obligations under the Illinois Human Rights Act and the IDHR's Rules. If any such labor organization or representative fails or refuses to cooperate with the contractor in its efforts to comply with such Act and Rules, the contractor will promptly so notify the IDHR and the contracting agency and will recruit employees from other sources when necessary to fulfill its obligations thereunder.

5.6 That it will submit reports as required by the IDHR's Rules, furnish all relevant information as may from time to time be requested by the IDHR or the Tollway, and in all respects comply with the Illinois Human Rights Act and the IDHR's Rules.

5.7 That it will abide by the audit clause of the contract.

5.8 That it will include verbatim or by reference the provisions of this clause in every subcontract it awards under which any portion of the contract obligations are undertaken or assumed, so that such provisions will be binding upon such subcontractor. In the same manner as with other provisions of this contract, the contractor will be liable

for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the contracting agency and the IDHR in the event any subcontractor fails or refuses to comply therewith. In addition,

the contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

5.9 That it will designate and make known to the Tollway an EEO Officer.

6. CALCULATING EEO PERFORMANCE, CREDIT TOWARDS THE USDOL OFCCP GOALS AND VETERAN PARTICIPATION FOR ILLINOIS EXECUTIVE ORDER 15-12:

Actual amounts of minority, female, and veteran work will be measured for the total hours of construction workers employed on the contract within each of the categories of journeyworker, apprentice and laborer by the Contractor and all of the worksite subcontractors. Minority female trade worker hours are counted in applicable ethnic category, in the veteran category if applicable and also in the female category.

In the certified payroll reports, the following ethnic categories should be used to indicate minority personnel for purposes of reporting compliance with the weekly certified payroll report: American Indian/Alaska Native, Asian, Black/African American, Hispanic and Native Hawaiian/Other Pacific Islander.

Included in the certified payrolls, as "Apprentices" are only bona fide apprentices currently in a training program certified by the U.S. Department of Labor - Bureau of Apprenticeship and Training, and hours credited towards the EEO Program are only those hours the apprentice was employed at the construction site. "Journeyworkers" are the construction site journeyworkers from the major trades. Other "Helpers", watchmen, custodial workers, clerical workers, and salaried superintendents are not creditable in the formula. Hourly wage "Forepersons" and "Forepersons" otherwise known as working forepersons, will be counted as journeyworkers for purposes of the EEO Program reporting.

In addition to the timely submission of certified payroll required by the Prevailing Wage Act (820 ILCS 130) as required by the contract specifications, the Contractor must have submitted all certified payrolls for the Contractor and all subcontractors before the Contractor submits its request for the final release of retention and the final waiver of lien. No adjustments to certified payrolls will be accepted after the transmission of the final waiver of lien.

The contractor and each subcontractor shall permit its employees to be interviewed on the job, during working hours, by compliance personnel of the Tollway, IDHR or the Department of Labor regarding compliance with the terms of this Special Provision.

7. EEO FORM 0003 WORKFORCE ANALYSIS

All contractor and subcontractors' EEO 0003 reports must be submitted electronically to the Tollway.

The party preparing the report must give their name, title, email address and telephone number. The contractor is required to submit EEO Form 0003, Workforce Analysis, electronically monthly and be up-to-date to through the last full month preceding the transmittal of each pay estimate. Failure to submit the EEO 0003 Report(s) electronically **before transmittal of the pay estimate** will cause the pay estimate to be deemed incomplete and will be returned to the Contractor for completion.

The Contractor is responsible for maintaining a hard copy of the Contractor's and subcontractors' certified payrolls, including all properly executed certifications, organized by contract for every construction worksite. Failure to report fully all required workforce information will cause a delay in processing the Contractor's pay estimates. Disclosure of this information is required. Patterns of delinquent reporting may be cause to terminate this contract or such other remedy as the Tollway deems appropriate.

8. SUBCONTRACTOR OBLIGATIONS:

The Contractor is required to clearly identify in their subcontract agreements the specific performance obligations that each subcontractor has toward assisting the Contractor in meeting the EEO goals.

In the same manner as with other provisions of this contract, the Contractor will be responsible for compliance with applicable provisions of this clause by such subcontractors; and further it will promptly notify the Tollway and the IDHR in the event any subcontractor fails or refuses to comply therewith. In addition, the Contractor will not utilize any subcontractor declared by the Illinois Human Rights Commission to be ineligible for contracts or subcontracts with the State of Illinois or any of its political subdivisions or municipal corporations.

9. GOOD FAITH EFFORT PROCEDURES:

If the Tollway determines that the Contractor and/or its subcontractors are not in compliance with the EEO goals, the Tollway will notify the Contractor of said non-compliance. The Contractor must submit a Corrective Action Plan within fifteen (15) business days of the date of its receipt of the notice of non-compliance. The Corrective Action Plan must contain evidence of good faith efforts the Contractor has made in an effort to meet the EEO goals and outline the additional good faith efforts the Contractor will be making, including but not limited to timelines, through the remaining life of the contract.

10. CORRECTIVE ACTION PLAN:

The Corrective Action Plan must show that the Contractor made good faith efforts, taking all necessary and reasonable steps to achieve the stated EEO goals. Necessary and reasonable steps are those that could reasonably be expected to employ and retain a sufficient number of minority and female trade workers to meet or exceed the federally set EEO goals for the Illinois county in which work is performed.

Examples of Good Faith Efforts include, but are not limited to, the following:

- Establish and maintain a current list of minority, veteran and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its labor organizations have employment opportunities available, and maintain a record of the organizations' responses.
- Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a labor organization, a recruitment source or community organization.
- Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor.
- Disseminate the Contractor's EEO policy by providing notice of the policy to labor organizations and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and Subcontractors with whom the Contractor does or anticipates doing business.

- Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's recruitment area and employment needs.
- Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.

The Tollway will consider the quality, quantity and intensity of the kinds of efforts that the Contractor and its subcontractors have made throughout the life of the contract. Mere pro forma efforts are not good faith efforts; rather, the Contractor and its subcontractors are expected to have taken those efforts that would be reasonably expected of a Contractor and its subcontractors who are actively trying to employ and retain minority and female trade workers sufficient to meet the contract EEO goals.

11. AMENDED CORRECTIVE ACTION PLAN:

If the Tollway determines that the Contractor has not made a good faith effort to meet the EEO goals, the Tollway will notify the Contractor of that preliminary determination by contacting the responsible company official designated in the Corrective Action Plan. The preliminary determination will include a statement of reasons why a finding of insufficient good faith efforts has been made and may include additional good faith efforts that the Contractor could take to remedy the deficiency. The notification will designate a fifteen (15) business day period during which the Contractor may make additional efforts to demonstrate a good faith effort to meet the EEO goals. The Contractor is not limited by the Tollway's suggestions per Sections 9 and 10 of additional good faith efforts, but may take other actions in order to demonstrate good faith efforts to employ and retain additional minority and female trade workers on the project. The Contractor shall submit an amended Corrective Action Plan if additional employment commitments to meet the EEO contract goal are secured and/or to document its additional good faith efforts. If additional hiring commitments sufficient to meet the EEO contract goal are not secured, the Contractor shall report the final good faith efforts made in the time allotted. All additional efforts taken by the Contractor will be considered as part of the Contractor's good faith efforts. If the Contractor is not able to meet the EEO goal after making additional efforts, the Tollway will make a pre-final determination as to the good faith efforts of the Contractor and will notify the designated responsible Contractor official of the reasons for an adverse determination, if applicable.

12. DETERMINATION OF NON-COMPLIANCE:

If the Tollway determines that the Contractor has failed to make a good faith effort to meet the EEO goals on the contract, the Tollway will document its findings in a "Letter of Non-Compliance" that will become part of the procurement file maintained on the Contractor by the Tollway. The Letter may include a proposed sanction under Section 14 if the Contractor fails to take corrective action in a timely fashion. Upon a finding that a Contractor has failed to make good faith efforts to achieve the applicable EEO goals, the Tollway may exercise any appropriate sanction available to it under Section 14, including the revocation of the contract award to the Contractor and any other remedy available to the Tollway under its contract with the Contractor or by law.

13. ADMINISTRATIVE RECONSIDERATION:

The Contractor may request administrative reconsideration of a Letter of Non-Compliance within the fifteen (15) business days after its receipt of the Letter by actual delivery of a reconsideration request to the Tollway, Department of Diversity and Strategic Development, 2700 Ogden Avenue, Downers Grove, Illinois 60515-1703 or via email to E-mail address: form0003wfa@getipass.com. Deposit of the request in the United States mail on or before the fifth business day shall not be deemed delivery. The Letter of Non-Compliance shall become final if the Contractor fails to submit a timely request for administrative reconsideration. A request may provide additional written documentation and/or argument concerning the issue of whether an adequate good faith effort was made to meet the contract goal.

The Tollway Chief of Diversity and Strategic Development or his/her designee will send the Contractor a written decision within fifteen (15) business days after receipt of the request for reconsideration, unless extended by the

Tollway if a hearing is requested, explaining the basis for finding that the Contractor did or did not meet the EEO goals or demonstrate good faith efforts towards meeting those goals. A decision by the Chief of Diversity and Strategic Development that a good faith effort was made shall be deemed approval of the Corrective Action Plan submitted by the Contractor. A final decision that a good faith effort was not made shall render the Contractor in breach as non-compliant with its contract with the Tollway and may subject the Contractor to sanctions under Section 14.

14. SANCTIONS:

The Contractor's failure to achieve the EEO goals or to demonstrate good faith efforts towards meeting those goals may subject the Contractor to administrative sanctions. These sanctions include, but are not limited to, monetary sanctions, including non-release of retainage, liquidated damages, deeming the Contractor as non-responsible with respect to future business with the Tollway, and other reasonable sanctions as are permitted by law or equity. A Contractor's repeated failure to meet its EEO obligations on Tollway contracts can be grounds for the Tollway to not award future contracts to the Contractor.

In imposing sanctions, the Tollway will consider the bona fide efforts of the Contractor to meet the EEO goals, its history of good faith efforts on other Tollway contracts, the size of the contract, the degree to which the Contractor fell below the EEO goals, and other factors deemed relevant by the Tollway.

15. RECORDS RETENTION AND AUDIT

Refer to the audit clause of the contract.

16. INACCURATE OR FRAUDULENT REPORTING:

Contractors and subcontractors have a duty to accurately report information pursuant to this Special Provision. A Contractor or subcontractor who fails to supply accurate information may be subject to sanctions imposed by the Tollway under Section 14. A Contractor or subcontractor who intentionally supplies inaccurate information may be subject to civil and/or criminal sanctions.

17. OTHER REGULATIONS:

The achievement of the EEO goals does not abrogate other responsibilities of the Contractor to comply with equal employment opportunity requirements under federal or state law, municipal ordinance, prevailing government regulations or terms contained elsewhere in the Contract.

Tollway Contract #: I-19-4464

Prime: Judlau Contracting, Inc.

Date: November 1, 2019

FORM EEO 1256 - WORKFORCE PROJECTION

The undersigned Bidder has analyzed minority group and female populations, unemployment rates and availability of workers for the location in which this contract work is to be performed, and for the locations from which the Bidder recruits employees, and hereby submits the following workforce projection including a projection for minority and female employee utilization in all job categories in the workforce to be allocated to this contract:

TABLE A

TOTAL Workforce Projection for Contract

JOB CATEGORIES	TOTAL EMPLOYEES		MINORITY EMPLOYEES						TRAINEES			
			BLACK		HISPANIC		*OTHER MINOR.		APPREN-TICES		ON THE JOB TRAINEES	
	M	F	M	F	M	F	M	F	M	F	M	F
Officials (Manager)	1											
Supervisors	1											
Foremen	4				2							
Clerical												
Equipment Operators	4				1							
Mechanics												
Truck Drivers												
Ironworkers												
Carpenters	4	1			1	1			1			
Cement Masons	3				1							
Electricians												
Pipefitters, Plumbers												
Painters												
Laborers, Semi-Skilled	5	2	1		3	1					1	
Laborers, Unskilled												
TOTAL	22	3	1		8	2			1		1	

TABLE B

CURRENT EMPLOYEES TO BE ASSIGNED TO CONTRACT

TOTAL EMPLOYEES		MINORITY EMPLOYEES	
M	F	M	F
1			
1			
3		1	
3		1	
4	1		1
2		1	
5	1	2	
19	2	5	1

TABLE C

TOTAL Training Projection for Contract

Employees In Training	Total Employee		Black		Hispanic		*Other Minor.	
	M	F	M	F	M	F	M	F
Apprentices	1				1			
On-The-Job Trainees	1		1					

* Other minorities are defined as Asians (A) or Native Americans (N). Please specify race of each employee shown in Other Minorities column.

Note: See Instructions on page 2

FORM EEO 1256 - WORKFORCE PROJECTION - continued

A. Included in "Total Employees" under Table A is the total number of new hires that would be employed in the event the undersigned Bidder is awarded this contract.

The undersigned Bidder projects that: (number) 3 new hires would be recruited from the area in which the contract project is located; and/or (number) 1 new hires would be recruited from the area in which the Bidder's principal office or base of operation is located.

B. Included in "Total Employees" under Table A is a projection of numbers of persons to be employed directly by the undersigned Bidder as well as a projection of numbers of persons to be employed by subcontractors.

The undersigned Bidder estimates that (number) 14 persons will be directly employed by the prime contractor and that (number) 11 persons will be employed by subcontractors.

Company Judlau Contracting, Inc. Telephone Number 630.387.6040

Address 1011 Warrenville Road, Suite 195
Lisle, IL 60532

Instructions: All tables must include subcontractor personnel in addition to prime contractor personnel.

Table A - Include both the number of employees that would be hired to perform the contract work and the total number currently employed (Table B) that will be allocated to contract work, and include all apprentices and on-the-job trainees. The "Total Employees" column should include all employees including all minorities, apprentices and on-the-job trainees to be employed on the contract work.

Table B - Include all employees currently employed that will be allocated to the contract work including any apprentices and on-the-job trainees currently employed.

Table C - Indicate the racial breakdown of the total apprentices and on-the-job trainees shown in Table A.

EEO 0003 Workforce Reporting Worksheet

Contract #		Prepared by	
EEO Contractor/Supplier Name		Title	
Company Contact		E-mail Address	
Period Begin Date		Phone #	
Period End Date			
Current Pay Estimate		% Complete	Mobilization Date
No Hours to Report	☐		
Work Performed			
Narrative Box			

	✓ CHECK THE CORRECT BOX											ENTER HOURS AND COUNT			
Job Category	Gender		Ethnicity							Worker Experience Level			Non-Veteran		Veteran	
	Male	Female	African American	American Indian /AK	Asian	Hispanic	Native Hawaian or other Pacific	Two or More Races	White	Journey - man	App-rentice	On-the-Job Trainee	Hours	Count	Hours	Count

STATE OF ILLINOIS

SPECIAL PROVISION - VETERAN SMALL BUSINESS
PARTICIPATION AND UTILIZATION PLAN - CONSTRUCTION
For State Agency/State University Use Only

It is the goal of the State to promote and encourage the continued economic development of small businesses owned and controlled by qualified veterans and that qualified service-disabled veteran-owned small businesses (SDVOSB) and veteran-owned small businesses (VOSB) participate in the State's procurement process as both prime contractors and subcontractors. 30 ILCS 500/45-57.

Contract Goal to be Achieved by Vendor: This solicitation includes a specific **Veteran Small Business** participation goal of 2% based on the availability of CMS certified veteran-owned and service-disabled veteran-owned small business (VOSB/SDVOSB) vendors to perform or provide the anticipated services and/or supplies required by this solicitation.

The Veteran Small Business participation goal is applicable to all bids or offers. In addition to the other award criteria established for this solicitation, the Agency will award this contract to a Vendor that meets the goal or makes good faith efforts to meet the goal. This goal is also applicable to change orders and allowances within the scope of work provided by the certified VOSB/SDVOSB vendor. If Vendor is a CMS certified VOSB/SDVOSB vendor, the entire goal is met and no subcontracting with a CMS certified VOSB/SDVOSB vendor is required; however, **Vendor must submit a Utilization Plan indicating that the goal will be met by self-performance.**

The VOSB goal is separate and distinct from the DBE goal. A single firm may not be utilized to achieve credit toward both DBE and VOSB goals on a single project except when the firm is bidding the contract as the Prime Vendor, is certified as both a DBE and VOSB and will commit to meeting the two goals by self-performing the same or greater percentage of work under the contract as the DBE and VOSB goals added together.

Following are guidelines for Vendor's completion of the Utilization Plan. **Please read the guidelines carefully.**

- Utilization Plan (Form 2026) is due with bid
- Good Faith Efforts (Form 2023) is due with bid, if applicable
- Participation Statement (Form 2025) for each Veteran firm listed on the Form 2026 is due by 5:00 p.m. on the fifth calendar day after email notification to the prime by the Tollway of low apparent Bidder status. In no case should a Contractor remove, replace, or reduce the commitment to a Veteran firm listed in the initial Utilization Plan Form 2026 without prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to this special provision.

Vendor should include any additional information that will add clarity to Vendor's proposed utilization of certified Veteran Small Business vendors to meet the targeted goal. The Utilization Plan must demonstrate that Vendor has either: (1) met the entire contract goal; (2) made good faith efforts towards meeting the entire goal; or (3) made good faith efforts towards meeting a portion of the goal. Any submission of good faith efforts by Vendor shall be considered as a request for a full or partial waiver.

At the time of bid or offer, Vendor, or Vendor's proposed Subcontractor, must be certified with CMS as a VOSB or SDVOSB. Failure to complete a Utilization Plan or provide Good Faith Effort documentation shall render the bid or offer non-responsive or not responsible.

1. If applicable where there is more than one prime vendor, the Utilization Plan should include an executed Joint Venture Agreement specifying the terms and conditions of the relationship between the parties and their relationship and responsibilities to the contract. The Joint Venture Agreement must clearly evidence that the certified VOSB/SDVOSB vendor will be responsible for a clearly defined portion of the work and that its responsibilities, risks, profits and contributions of capital, and personnel are proportionate to its ownership percentage. It must include specific details related to the parties' contributions of capital, personnel, and equipment and share of the costs of insurance and other items; the scopes to be performed by the certified

VOSB/SDVOSB vendor under its supervision; and the commitment of management, supervisory personnel, and operative personnel employed by the certified VOSB/SDVOSB vendor to be dedicated to the performance of the contract. Established Joint Venture Agreements will only be credited toward Veteran Small Business goal achievements for specific work performed by the certified VOSB/SDVOSB vendor. **Each party to the Joint Venture Agreement must execute the bid or offer prior to submission of the bid or offer to the Agency.**

2. An agreement between a vendor and a certified VOSB/SDVOSB vendor in which a certified VOSB/SDVOSB vendor promises not to provide subcontracting or pricing quotations to other vendors is prohibited. The Agency may request additional information to demonstrate compliance. Vendor agrees to cooperate promptly with the Agency in submitting to interviews, allowing entry to places of business, providing further documentation, and to soliciting the cooperation of a proposed certified VOSB/SDVOSB vendor. Failure to cooperate by Vendor and certified VOSB/SDVOSB vendor may render the Bidder or offeror non-responsive or not responsible. **The contract will not be finally awarded to Vendor unless Vendor's Utilization Plan is approved.**

3. **Veteran Small Business Certified Vendor Locator References:** Vendors may consult CMS' Veteran Small Business Vendor Directory at www.sell2.illinois.gov/cms/business, as well as the directories of other certifying agencies, but firms **must be certified with CMS as VOSB/SDVOSB vendors at the time of bid/offer.**

4. **Vendor Assurance:** Vendor shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this contract. Failure by Vendor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Agency deems appropriate. This assurance must be included in each subcontract that Vendor signs with a subcontractor or supplier.

5. **Calculating Certified VOSB/SDVOSB Vendor Participation:** The Utilization Plan documents work anticipated to be performed, or goods/equipment provided by all certified VOSB/SDVOSB vendors and paid for upon satisfactory completion/delivery. Only the value of payments made for the work actually performed by certified VOSB/SDVOSB vendors is counted toward the contract goal. Applicable guidelines for counting payments attributable to contract goals are summarized below:

5.1 The participation of VOSBs will be calculated on the amount of the Core Work, not Contingency Work identified in the bid documents. The Contractor's VOSB commitment will be assessed for any and all Extra Work Orders (EWO) and Change Orders (CO) at the time such orders are issued.

S.1.1 *Contingency Work* is the anticipated work within the scope of the project which is included in the project to cover the work of such an uncertain nature that the location or quantity could not be identified prior to awarding the contract.

S.1.2 *Core Work* is the anticipated work within the scope of the project which is included in the project to cover the work of such a nature that the location and estimated quantity could be identified prior to awarding the contract.

5.2. The value of the work actually performed or goods/equipment provided by the certified VOSB/SDVOSB vendor shall be counted towards the goal. The entire amount of that portion of the contract that is performed by the certified VOSB/SDVOSB vendor, including supplies purchased or equipment leased by the certified VOSB/SDVOSB vendor shall be counted, except supplies purchased and equipment rented from the Prime Vendor submitting this bid or offer.

5.3. A vendor shall count the portion of the total dollar value of the Veteran Small Business contract equal to the distinct, clearly defined portion of the work of the contract that the certified VOSB/SDVOSB vendor performs toward the goal. A vendor shall also count the dollar value of work subcontracted to other certified VOSB/SDVOSB vendor. Work performed by the non-certified VOSB/SDVOSB party shall not be counted toward the goal. **Work that a certified VOSB/SDVOSB vendor subcontracts to a non-certified VOSB/SDVOSB vendor will not count towards the goal.**

5.4. A Vendor shall count toward the goal 100% of its expenditures for materials and supplies required under the

contract and obtained from a certified VOSB/SDVOSB manufacturer; 60% of the cost of the materials or supplies required under the contract and obtained from a certified VOSB/SDVOSB regular dealer or supplier shall count toward the VOSB/SDVOSB goal. A Vendor shall count toward the goal the following expenditures to certified VOSB/SDVOSB vendors that are not manufacturers, regular dealers, or suppliers:

5.4.1. The fees or commissions charged for providing a bona fide service, such as professional, technical, consultant or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials or supplies required for performance of the contract, provided that the fee or commission is determined by the Agency to be reasonable and not excessive as compared with fees customarily allowed for similar services.

5.4.2. The fees charged for delivery of materials and supplies required by the contract (but not the cost of the materials and supplies themselves) when the hauler, trucker, or delivery service is not also the manufacturer or a supplier of the materials and supplies being procured, provided that the fee is determined by the Agency to be reasonable and not excessive as compared with fees customarily allowed for similar services. The certified VOSB/SDVOSB vendor's trucking firm must be responsible for the management and supervision of the entire trucking operation for which it is responsible on the contract, and must itself own and operate at least one fully licensed, insured and operational truck used on the contract.

5.4.3. The fees or commissions charged for providing any bonds or insurance specifically required for the performance of the contract, provided that the fee or commission is determined by the Agency to be reasonable and not excessive as compared with fees customarily allowed for similar services.

5.5. Certified VO5B/SDVOSB vendors who are performing on contract as second tier subcontractors may be counted in meeting the established Veteran Small Business goal for this contract as long as the Prime Vendor can provide documentation indicating the utilization of these vendors.

5.6. A Vendor shall count towards the goal only expenditures to firms that perform a commercially useful function in the work of the contract.

5.6.1. A firm is considered to perform a commercially useful function when it is responsible for execution of a distinct element of the work of a contract and carries out its responsibilities by actually performing, managing, and supervising the work involved. The certified VO5B/SDVOSB vendor must also be responsible, with respect to materials or supplies used on the contract, for negotiating price, determining quality and quantity, ordering the materials or supplies, and installing the materials (where applicable) and paying for the material or supplies. To determine whether a firm is performing a commercially useful function, the Agency shall evaluate the amount of work subcontracted, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the credit claimed for its performance of the work, industry practices, and other relevant factors.

5.6.2. A certified VOSB/SDVOSB vendor does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction or contract through which funds are passed through in order to obtain certified VOSB/SDVOSB vendor participation. In determining whether a certified VOSB/SDVOSB vendor is such an extra participant, the Agency shall examine similar transactions, particularly those in which certified VOSB/SDVOSB vendors do not participate, and industry practices.

5.7. A Vendor shall not count towards the goal expenditures that are not direct, necessary and related to the work of the contract. Only the amount of services or goods that are directly attributable to the performance of the contract shall be counted. Ineligible expenditures include general office overhead or other Vendor support activities.

6. **Good Faith Effort Procedures:** Vendor must submit a Utilization Plan (VOSB Form 2026) and Participation Statement(s)(VOSB Form 2025) that meet or exceed the published goal. If Vendor cannot meet the stated goal,

Vendor must document and explain via VOSB Form 2023 the good faith efforts it undertook to meet the goal. Utilization Plan, Participation Statement(s) and Good Faith Effort are due at the time of bid or offer submission. **Vendors will not be permitted to correct goal deficiencies after bid or offer due dates.** CMS or the State Agency, as its delegate, will consider the quality, quantity, and intensity of Vendor's efforts.

The Utilization Plan contains a checklist of actions that CMS or the State Agency, as its delegate, will consider as evidence of Vendor's good faith efforts to meet the goal. Other factors or efforts brought to the attention of CMS or the State Agency, as its delegate, may be relevant in appropriate cases.

6.1. In evaluating Vendor's good faith efforts, CMS or the State Agency, as its delegate, may consider whether the ability of other Bidders or offerors to meet the contract goal suggests that good faith efforts could have resulted in Vendor meeting the goal.

6.2 If CMS or the State Agency, as its delegate, determines that Vendor has made good faith efforts to meet the goal, the Agency may award the contract provided that Vendor is otherwise eligible for award.

6.3. If CMS or the State Agency, as its delegate, determines that good faith efforts have not been met, the bid or offer may be determined to be non-responsible by the Chief Procurement Office.

7. **Contract Compliance:** Compliance with this section is an essential part of the contract. The following administrative procedures and remedies govern Vendor's compliance with the contractual obligations established by the Utilization Plan. After approval of the Plan and award of the contract, the Utilization Plan becomes part of the contract. If Vendor did not succeed in obtaining certified VOSB/SDVOSB vendor participation to achieve the goal and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of certified VOSB/SDVOSB vendor work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the contract goal.

7.1. The Utilization Plan may not be amended after contract execution without the Agency's prior written approval.

7.2. **Vendor may not make changes to its contractual certified VOSB/SDVOSB vendor commitments or substitute certified VOSB/SDVOSB vendors without the prior written approval of the Agency.** Unauthorized changes or substitutions, including performing the work designated for a certified VOSB/SDVOSB vendor with Vendor's own forces, shall be a violation of the utilization plan and a breach of the contract, and shall be cause to terminate the contract, and/or seek other contract remedies or sanctions. The facts supporting the request for changes must not have been known nor reasonably should have been known by the parties prior to entering into the subcontract. Vendor must negotiate with the certified VOSB/SDVOSB vendor to resolve the problem. Where there has been a mistake or disagreement about the scope of work or goods/equipment, provided the certified VOSB/SDVOSB vendor can be substituted only where agreement cannot be reached for a reasonable price or schedule for the correct scope of work, goods or equipment.

7.3. Substitutions of a certified VOSB/SDVOSB vendor may be permitted under the following circumstances:

7.3.1. Unavailability after receipt of reasonable notice to proceed;
7.3.2. Failure of performance;
7.3.3. Financial incapacity;
7.3.4. Refusal by the certified VOSB/SDVOSB vendor to honor the bid or bid price or scope;
7.3.5. Material mistake of fact or law about the elements of the scope of work of a solicitation where a reasonable price cannot be agreed;
7.3.6. Failure of the certified VOSB/SDVOSB vendor to meet insurance, licensing or bonding requirements;

7.3.7. The certified VOSB/SDVOSB vendor's withdrawal of its bid or offer; or
7.3.8. Decertification of the certified VOSB/SDVOSB vendor.

7.4. If it becomes necessary to substitute a certified VOSB/SDVOSB vendor or otherwise change the Utilization Plan, Vendor must notify the Agency in writing of the request to substitute a certified VOSB/SDVOSB vendor or otherwise change the Utilization Plan. The request must state specific reasons for the substitution or change. The Agency will approve or deny a request for substitution or other change in the Utilization Plan within five business days of receipt of the request.

7.5. Where Vendor has established the basis for the substitution to the Agency's satisfaction, it must make good faith efforts to meet the contract goal by substituting a certified VOSB/SDVOSB vendor. Documentation of a replacement certified VOSB/SDVOSB vendor, or of good faith efforts to replace the certified VOSB/SDVOSB vendor, must meet the requirements of the initial Utilization Plan. If the goal cannot be reached and good faith efforts have been made, Vendor may substitute with a non-certified VOSB/SDVOSB vendor or Vendor may perform the work.

7.6. If a Vendor plans to hire a subcontractor for any scope of work that was not previously disclosed in the Utilization Plan, Vendor must obtain the approval of the Agency to modify the Utilization Plan and must make good faith efforts to ensure that certified VOSB/SDVOSB vendors have a fair opportunity to submit a bid or offer on the new scope of work.

7.7. A new certified VOSB/SDVOSB vendor agreement must be executed and submitted to the Agency within five business days of Vendor's receipt of the Agency's approval for the substitution or other change.

7.8. Veteran payment reporting, in such form or format as specified by the Tollway, must be submitted as specified in the Diversity Payment Reporting Instructions posted on the Tollway's website.

After the performance of the final item of work or delivery of material by a VOSB/SDVOSB and final payment to the VOSB/SDVOSB by the Contractor, but not later than thirty (30) calendar days after payment has been made by ISTHA to the Contractor for such work or material, the Contractor shall submit a VOSB/SDVOSB Final Payment Report on ISTHA Form 2115, or such other form or format as specified by the Tollway, to the Construction Manager. If full and final payment has not been made to the VOSB/SDVOSB, the Report shall indicate whether a disagreement concerning the final payment exists between the Contractor and the VOSB/SDVOSB or if the Contractor believes that the VOSB/SDVOSB's work has not been satisfactorily completed.

Vendor shall maintain a record of all relevant data with respect to the utilization of certified VOSB/5DVOSB vendors, including but without limitation, payroll records, invoices, canceled checks and books of account for a period of at least five years after the completion of the contract. Full access to these records shall be granted by Vendor in a timely fashion upon written demand by the Agency to any duly authorized representative thereof, or to any municipal, state or federal authorities. The Agency shall have the right to obtain from Vendor any additional data reasonably related or necessary to verify any representations by Vendor. After the performance of the final item of work or delivery of material by the certified VOSB/SDVOSB vendor and final payment to the certified VOSB/SDVOSB vendor by Vendor, but not later than 30 calendar days after such payment, Vendor shall submit a statement confirming the final payment and the total payments made to the certified VOSB/SDVOSB vendor under the contract.

7.9. The Agency will periodically review Vendor's compliance with these provisions and the terms of its contract. Without limitation, Vendor's failure to comply with these provisions or its contractual commitments as contained in the Utilization Plan, failure to cooperate in providing information regarding its compliance with these provisions or its Utilization Plan, or provision of false or misleading information or statements concerning compliance, certification status or eligibility of the certified VO5B/SDVOSB vendor, good faith efforts or any other material fact or representation shall constitute a material breach of this contract and entitle the Agency to declare a default, terminate the contract, or exercise those remedies provided for in the contract or at law or in equity.

7.10. The Agency reserves the right to withhold payment to Vendor to enforce these provisions and Vendor's contractual commitments. Final payment shall not be made pursuant to the contract until Vendor submits sufficient documentation demonstrating compliance with its Utilization Plan.

Fratto, Frank

From: Fratto, Frank
Sent: Wednesday, November 27, 2019 1:05 PM
To: Gomez, Graciela
Subject: FW: I-19-4464 Judlau Utilization Plan Review
Attachments: DIV_TW-TB_4464_Judlau_DiversityDocuments_11272019.pdf; DIV_TW_TB_4464_Judlau_DiversityVOSBDocuments_11272019.pdf

From: Bailey, Shanel
Sent: Wednesday, November 27, 2019 1:04 PM
To: Fratto, Frank <ffratto@getipass.com>
Subject: FW: I-19-4464 Judlau Utilization Plan Review

From: Bailey, Tracey
Sent: Wednesday, November 27, 2019 12:48 PM
To: Perez, Graciela <GPerez@getipass.com>; Jones, Shelly <SJones@getipass.com>
Cc: Bennett, Kristen <kbennett@getipass.com>; Vick, Marlene <mvick@getipass.com>; Cerpa, Paul <pcerpa@getipass.com>; Bailey, Shanel <sbailey@getipass.com>
Subject: I-19-4464 Judlau Utilization Plan Review

Grace,

Attached are the final Diversity review and approval documents for contract I-19-4464. I have copied Shanel on the email so she is aware that the process is now in your court. Upon completion of the entry into Catapult, I believe Shanel and team are the final destination.

Please contact me if you have any questions or need additional information.

Tracey

E-MAIL CONFIDENTIALITY NOTICE: This electronic mail message, including any attachments, is for the intended recipient(s) only. This e-mail and any attachments might contain information that is confidential, legally privileged or otherwise protected or exempt from disclosure under applicable law. If you are not a named recipient, or if you are named but believe that you received this e-mail in error, please notify the sender immediately by telephone or return e-mail and promptly delete this e-mail and any attachments and copies thereof from your system. If you are not the intended recipient, please be aware that any copying, distribution, dissemination, disclosure or other use of this e-mail and any attachments is unauthorized and prohibited. Your receipt of this message is not intended to waive any applicable privilege or claim of confidentiality, and any prohibited or unauthorized disclosure is not binding on the Illinois State Toll Highway Authority. Thank you for your cooperation.

Date: 11/5/2019

To: Contact Name: Shamik Amin
Contractor Company Name: Judlau Contracting, Inc.

From Graciela Perez
DBE Project Specialist

Please note in accordance with the Procurement code (30 ILCS 500), section 50-11 prohibits a person from entering into a contract with a State agency, or entering into a sub-contract, if it, or any affiliate, is delinquent in the payment of any debt to the State, unless the person or affiliate has entered into a deferred payment plan to pay off the debt. (Procurement reform bill can be referenced on the Illinois Tollway website)

Subject: **VOSB Plan Review** **Date Original Plan Submitted:** 11/5/2019 **Revision #** 0

Contract # I-19-4464 **Established VOSB Goal:** 32.00 %

Contract Description: I-57 Roadway and Bridge Widening (Kedzie Ave to CSX RR) CD Roads A & C, I-294 Ramp Construction and Ramp L Toll Plaza Tri-State Tollway (I-294) mile Post SB- 350.0; NB-349.0 to Mile Post 350.6.

[X] Contractor's plan as submitted meets the established VOSB goal for this contract

Notes:

VOSB Plan as Submitted by apparent low bidder:

Core Bid Amount	**$62,664,559.20**								
VOSB Firm Name	**Status (SB/Sup/TK)**	**Type**	**Scope**	**Contract Amount**	**Credit Amount**	**Credit %**	**Certifying Agency**	**Gender**	**Ethnicity**
5366 Logistics	Trucker	VOSB	Trucking	$200,000.00	$200,000.00	0.31 %	CMS	M	Caucasian
Excel Ltd Inc	SB	VOSB	Electric	$59,944.00	$59,944.00	0.09 %	CMS	M	Caucasian
Industrial Fence, Inc.	SB	VOSB	Fence	$1,026,600.14	$1,026,600.14	1.63 %	CMS	M	Hispanic
Total # of subcontracts: 3			**TOTAL**	**$1,286,544.14**	**$1,286,544.14**	**2.05 %**			
Total # of subcontractors: 3			**Total %**	**2.05 %**	**2.05 %**				

ILLINOIS STATE TOLL HIGHWAY AUTHOI
VOSB FORM 2026 - UTILIZATION P

PRIME CONTRACTOR: Judlau Contracting
CONTACT NAME: Shamik Amin
CONTACT PHONE NUMBER: 630-387-6040
CONTACT E-MAIL: shamik.amin@ohln.

CONTRACT NUMBER I-19-4464

Check one:

☒ Contractor will meet or exceed the VOSB Contract Goal and will provide Veteran Owned Small Business Participation as presented below.

☐ Contractor will meet or exceed the VOSB Contract Goal because PRIME BIDDER IS A VOSB.

☐ Contractor requests a waiver of the VOSB Contract Goal.

The Bidder is requesting the contract Goal be accordingly modified or waived. Attached is all information required by the Veteran Small Business Participation and Utilization Plan-Construction in support of this request, including Good Faith Efforts - Form 2023.

DOLLAR AMOUNT OF WAIVER REQUEST: _____

PERCENTAGE OF WAIVER REQUEST: _____

Instructions to Bidders:

1. Bidders are required to comply with the Veteran Small Business Participation and Utilization Plan - Construction
2. Submit only one Veteran Utilization Plan for each Project.
3. This Utilization Plan, Form 2026 must:
   --be submitted with the bid or the bid may be deemed non-responsive
   --be an accurate representation of work and pricing agreed upon between the prime and the Veteran firm prior to bid submission
4. The Participation Statement(s) (VOSB Form 2025), with original signatures, pay item description and pricing are to be submitted to Tollway Diversity constructionbid@getpass.com by 5 p.m. on the fifth calendar day after notification to the prime by the Tollway of apparent low Bidder status.
5. Each company listed on the Utilization Plan and subsequent Participation Statement must be listed in a certifying agency's database as stipulated in the Special Provis at the time of bid submission to be considered acceptable for Veteran credit.
6. In no case should a Contractor remove, replace or reduce the commitment to a Veteran firm listed in the initial Utilization Plan on the Participation Statement with prior written consent of ISTHA. Under no circumstances is the Bidder allowed to change the amount of the core bid submitted or any other documentation unrelated to t special provision.

VOSB UTILIZATION PLAN

VOSB Firm Name	Scope of Work Brief description of overall work to be performed	VOSB - Amount ($) If supplier, enter 60% credit amount.
Industrial Fence	Fence	$1,026,600.14
Excel Ltd (2nd Tier)	Electric	$59,944.00
5663 LOGISTICS	TRUCKING	$200,000.00
	TOTAL	1,286,544.14

For ebid: the submission of Form 2026 constitutes signature of this form.
For hardcopy: signature required.

[redacted]
Signature

Form 2026 - 03/2018

Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #:	I-19-4464

VOSB FIRM NAME:	Industrial Fence Inc.
CIRCLE ALL THAT APPLY:	(VOSB) SDVOSB

CHECK ALL THAT APPLY:

PRIME ____ JV PARTNER ____ SUBCONTRACTOR ✓ TRUCKER ____ SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR: TIER 1 (SUB TO PRIME): (Y) N TIER 2 OR BELOW: Y (N) UNDER CONTRACT TO:

This form must be completed for EACH veteran-owned business participating in the VOSB Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on VOSB firm company letterhead.

PAY ITEM NO.*	DESCRIPTION: Indicate whether furnish only, or both furnish and install	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL VOSB CREDIT AMOUNT ($): The value to be credited toward contract participation for the SUPPLIER
	SEE ATTACHED					
	TOTALS FOR THIS VOSB FIRM:					1,026,604.14

*Contingency Work must not be included under Pay Items and will not be approved toward VOSB goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #1S671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the VOSB listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the VOSB may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the VOSB on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the VOSB identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the VOSB no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the STATE OF ILLINOIS VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature (Prime Contractor) Title Date

Contact: SHAMIK AMIN

Firm Name: JVNAU

E-mail: SHAMIK.AMIN@JVNA.COM

Phone: 630-887-6040

Address: 1011 WARRENVILLE RD, # 195 LISLE IL 60532

[redacted] President 11/04/2019

Signature (VOSB) Title Date

Contact: Miguel A. Saltijeral

Firm Name: Industrial Fence Inc.

E-mail: msaltijeral@industrialfenceinc.com

Phone: 773-521-9900

Address: 1300 S. Kilbourn Avenue Chicago, IL 60623

INDUSTRIAL FENCE INC.

Manufactured in the USA. Veteran & Minority Owned.

GC: Judalu

Contact:

Phone:

Email:

IFI Bid Propo

Estimate Date: 11/05/2019

Work Order No: E19344

Project Name: ISTHA I-19-4464 Judlau

Description	Unit	Quantity	Unit Price	Total Pri
10 Chain Link Fence				
66400305 Chain Link Fence 6'	LF	4,888.00	25.15	122,933.
66401700 CH LK GATE 5X4 SINGL	EA	1.00	1,523.44	1,523.
66401800 CH LK GATE 5X5 SINGL	EA	1.00	1,538.04	1,538.
66407200 CH LK GATE 5x22 Double	EA	1.00	2,180.44	2,180.
X6640050 Chain Link Fence 42" Attached to Structure (Special)	LF	2,773.00	24.97	69,241.
X6640300 CH LK FENCE REMOV	LF	2,927.00	6.13	17,942.
X6640310 CH LK GATES REMOV	EA	1.00	498.09	498.
JI664305 - Right Of Way Fence (ROW) Ty 1 6'	LF	1,932.00	14.69	28,381.
JI664310 Corner Post ROW Ty 1	EA	1.00	674.62	674.
JI664315 Pull Past ROW Ty 1	EA	4.00	674.62	2,698.
JI664320 End Past ROW Fence Ty1	EA	2.00	674.62	1,349.
				$248,960.
30 Guardrail				
63000001 SPBGR Ty A 6' Post	LF	6,538.00	22.96	150,112.
63100045 Traffic Barrier Terminal Type 2	EA	6.00	1,100.23	6,601.
63100070 Traffic Barrier Terminal Ty 5	EA	5.00	1,085.63	5,428.
63100085 Traffic Barrier Terminal Ty 6	EA	6.00	3,083.99	18,503.
63100105 -TRAF BAR TERM T10	EA	1.00	456.15	456.
63100167 Traffic Barrier Terminal Ty 1 Spl Tan	EA	6.00	3,323.43	19,940.
63200310 Guardrail Removal	LF	7,458.00	5.34	39,825.
64300260 IMP ATTEN FRD NAR TL-3	EA	8.00	29,002.37	232,018.
66400205 CH LK FENCE 5	LF	50.00	26.49	1,324.
70600260 Impact Attenuator Temp (FRN) TL3	EA	14.00	7,573.08	106,023.1
70600332 Impact Attenuator Temp Relocate TL3	EA	25.00	3,120.08	78,002.
JI782110 Terminal Marker DA	EA	7.00	42.65	298.
78200005 Guardrail Marker Ty A	EA	78.00	8.53	665.
JI630004 SPBGR Ty A 9' Post	LF	975.00	29.86	29,113.
JI631112 TBT Ty 1A Spl	EA	1.00	3,359.93	3,359.
JI631135 Traffic Barrier Terminal Ty 6B	EA	1.00	3,498.63	3,498.

1500 S. Kilbourn Ave Chicago, IL 60623 Tel 773.521.9900 Fax 773.521.9904 www.industrialfenceinc.com

INDUSTRIAL FENCE INC.

Manufactured in the USA. Veteran & Minority Owned.

GC: Judalu

Contact:

Phone:

Email:

IFI Bid Propo

Estimate Date: 11/05/2019

Work Order No: E19344

Project Name: ISTHA I-19-4464 Judlau

JI631140 Traffic Barrier Terminal Ty 10	EA	1.00	456.15	456.
JI782012 Guardrail Barrier Reflector Type B	EA	13.00	8.53	110.-
JI782110 Terminal Marker DA	EA	1.00	42.65	42.(
JS120710 Energy Attenuator	EA	1.00	34,842.37	34,842.:
70600280 - IMP ATTN TEMP SUN TL3	EA	3.00	11,223.08	33,669.:
70600370 - IMP ATTN REL SUN TL3	EA	3.00	3,120.08	9,360.:
X6430110 - REMOVE IMPACT ATTENUATORS, SALVAGE	EA	4.00	996.18	3,984.7
				$777,639.-

Totals $1,026,600.1

We would like to thank you for the opportunity to bid on this project. It has been a pleasure serving you. We express our sincere appreciation for your business. At Industrial Fence, Inc. we value your business and recognize the importance of service, quality and value.

Exclusions:

- Railroad, Professional Liability & Pollution Insurance
- Demo of existing fencing or footings
- No bonds, permits, licenses and/or fees
- Removal or Install of Concrete Pads for Attenuator
- Survey / Layout
- No taxes included
- Multiple installations or removals
- Grounding
- Traffic Control
- Excessive Mobilization
- No Bituminous Shoulder Coring of Fill (art. 630.06) FOR GUARDRAIL INSTALLATION** (Core Drilling PER HOLE $45.00 extra)
- No express or implied design build included to proposal.
- WBE / EEO Requirements
- Additional Required Insurance Coverages
- Concrete removal or rock/hard ground drilling/coring
- No clearing or Grubbing for fence removal or installation
- All work performed during regular work hours 7am to 3.30pm
- Widening of existing shoulder for construction of TBT Type 1 SPL
- QA-QC Testing & Inspection
- Grading or Restoration
- Unforeseen Conditions
- Liquidated & Unliquidated Damages
- Flagmen
- All work to be performed under normal conditions.
- Damages caused by motorists or other contractors
- Installation for Imbeds (cost by others)
- Damages caused by Unmarked Utilities
- Removal or Install of Concrete/Asphalt Pad for Temporary/Permanent
- Per IDOT Section 706.08 Impact Attenuators Temporary, any Maintenance or Repairs to the Unit will be completed on T&M
- Indemnification for Contractor negligence or fault
- Hand Digging Utilities
- No Restoration included with Removal Items
- Exclude top Soil, pulverizing, asphalt, etc. for any steel plate beam guardrail adjustment.
- Attenuator rental is per project
- Normal wear & tear, weather, Dewatering, Snow Removal
- Guardrail Leave Outs
- Lane closures

IFI chooses to participate in the Option for Steel Cost Adjustment

1300 S Kilbourn Ave Chicago IL 60623 Tel 773 521 0900 Fax 773 521 0909 www.industrialfenceinc.com

OFFICE OF CONTRACT COMPLIANCE
EDWARD H. OLIVIERI
DIRECTOR
118 N. Clark, County Building, Room 1020 • Chicago, Illinois 60602 • (312) 603-5502

TONI PRECKWINKLE
PRESIDENT
Cook County Board
of Commissioners

BRANDON JOHNSON
1st District

DENNIS DEER
2nd District

BILL LOWRY
3rd District

STANLEY MOORE
4th District

DEBORAH SIMS
5th District

DONNA MILLER
6th District

ALMA E. ANAYA
7th District

LUIS ARROYO JR
8th District

PETER N. SILVESTRI
9th District

BRIDGET GAINER
10th District

JOHN P. DALEY
11th District

BRIDGET DEGNEN
12th District

LARRY SUFFREDIN
13th District

SCOTT R. BRITTON
14th District

KEVIN B. MORRISON
15th District

JEFFREY R. TOBOLSKI
16th District

SEAN M. MORRISON
17th District

March 22, 2019

Mr. Miguel A. Saltijeral, President
Industrial Fence, Inc.
1300 S. Kilbourn Avenue
Chicago, IL 60623

Annual Certification Expires: March 22, 2020

Dear Mr. Saltijeral:

Congratulations on your continued eligibility for Certification as a **Minority-owned Business Enterprise (MBE)** and **Veteran-owned Business Enterprise (VBE)** by Cook County Government. This certification is valid until **March 22, 2022**; however, you must re-validate your firms' certification annually.

As a condition of continued Certification during the five (5) year term, you must file an annual **"No Change Affidavit"** within **sixty (60) business days** prior to the date of the annual expiration. Failure to file this Affidavit may result in the termination of your Certification. You must notify Cook County's Office of Contract Compliance of any change in ownership or control or any other matters or facts affecting your firm's eligibility for Certification within **fifteen (15) business days** of such change.

Cook County Government may commence action to remove your firm as a certified vendor if you fail to notify us of any changes of facts effecting your firm's Certification, or if your firm otherwise fails to cooperate with the County in any inquiry or investigation. Removal of your status may also be commenced if your firm is found to be involved in bidding or contractual irregularities.

Your firm's name will be listed in Cook County's Directory of certified firms in the following area(s) of specialty:

237310
Construction: General Contractor - Installation Chain Link, Guardrail, Fencing, Railings & Miscellaneous Metals; and Construction Management; Fabrication/Manufacturer: Chain Link Fencing; Ornamental Fencing; Wrought Iron Fencing; Railings & Miscellaneous Metals; Regular Dealer: Chain Link Fencing; Ornamental Fencing; Wrought Iron Fencing; Railings and Related Products; and Low Voltage Electrical Work - 238210

Your firm's participation on Cook County contracts will be credited toward MBE or VBE goals in your area(s) of specialty. While your participation on Cook County contracts is not limited to your specialty, credit toward MBE or VBE goals will be given only for work done in the specialty category.

Thank you for your continued interest in Cook County Government's Minority, Women and Veteran Business Enterprise Programs.

Sincerely,

[redacted]

Edward H. Olivieri
Contract Compliance Director

EHO/ek

CLOSE WINDOW

Print

Business & Contact Information

BUSINESS NAME	**Industrial Fence, Inc,** DBA **Industrial Fence, Inc**
OWNER	**Mr. Miguel A. Saltijeral**
ADDRESS	**1300 S. Kilbourn Ave** **Chicago, IL 60623** Map This Address
PHONE	**773-521-9900**
FAX	**773-521-9904**
EMAIL	**msaltijeral@industrialfenceinc.com**
WEBSITE	**http://www.industrialfenceinc.com**
ETHNICITY	**Hispanic**
GENDER	**Male**
COUNTY	**Cook (IL)**

Certification Information

CERTIFYING AGENCY	**State of Illinois Central Management Services**
CERTIFICATION TYPE	**VOSB - Veteran Owned Small Business**
RENEWAL DATE	**6/21/2020**
EXPIRATION DATE	**6/21/2024**
CERTIFIED BUSINESS DESCRIPTION	**Fencing, Chain Link, Including Fabric, Gates, Panels, Posts and Fittings,** **Fencing, Wrought Iron, Including Components,** **Fencing, Metal Slat and Tubular, Including Components,** **Fencing, Ornamental,** **METAL: BARS, PLATES, RODS, SHEETS, STRIPS, STRUCTURAL SHAPES, TUBING, AND FABRICATED ITEMS,** **Iron: Angles, Bands, Plate, Sheets, etc.,** **Ornamental Ironwork,** **Construction, Bridge and Drawbridge, Including Reconstruction and Rehabilitation,** **Fencing Rental or Lease,** **Fence Installation, Maintenance and Repair,**

Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025- VETERAN PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #	I-19-4464

VOSB FIRM NAME:	EXCEL LTD. INC.	
CHECK ALL THAT APPLY:	VOSB ☑	SDVOSB ☐

CHECK ALL THAT APPLY:

PRIME _____ JV PARTNER _____ SUBCONTRACTOR _____ TRUCKER _____ SUPPLIER _____ MANUFACTURER ☑

SUBCONTRACTOR:	TIER 1 (SUB TO PRIME): Y☐ N☑	TIER 2 OR BELOW: Y☑ N☐	UNDER CONTRACT TO: HOCKER

This form must be completed for EACH veteran-owned business participating in the VOSB Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@gettpass.com. If additional space is needed, complete an additional form(s) for the firm or attach a spreadsheet on VOSB company letterhead.

PAY ITEM NO. *	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL VOSB CREDIT AMOUNT ($) (reduce to 60% of contract amount if firm is a SUPPLIER)
82600300	Lighting Controller Pole Mtd	1	2375-	2,375-		
X6251388	Lighting Controller Bolt Scale	2	19,783-	39,566-		
[illegible]	Plans Electrical	1	18,213-	18,213-		
			TOTALS FOR THIS VOSB FIRM:	59,944		

*Contingency Work must not be included under Pay Items and will not be approved toward VOSB goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item 85671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

1. PARTIAL PAY ITEMS: For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. COMMITMENT: The undersigned certify that the information herein is true and correct, and that the VOSB listed below has agreed to perform a commercially-useful function in the work of the contract item(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the VOSB may be made without PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the VOSB on this contract and the payment thereto must be provided to ISTHA's Department of Diversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the VOSB identified below without ISTHA's prior written approval. The Prime Contractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the VOSB no later than three business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the STATE OF ILLINOIS VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN and can subject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor — Title — Date

Contact: Shamik Amin
Firm: Judlau Contracting, Inc.
Email: shamik.amin@ohlna.com
Phone: 630-387-6040
Address: 1011 Warrenville Rd. #195 Lisle, IL 60532
ISTHA VC

[redacted] PRESIDENT 10/30/2019

Signature for VOSB Contractor — Title — Date

Contact: JAMES M. BARTUS
Firm: EXCEL LTD. INC.
Email: CONTACT@EXCELLTDINC.COM
Phone: (847) 543-0136
Address: 999 EAST BELVIDERE ROAD, SUITE 405, GRAYSLAKE, IL 60030

Excel Ltd Inc. QUOTATION

888 East Belvidere Road, Unit 405
Grayslake, Illinois 60030
www.excelltdinc.com
Phone: 847.543.9138
Fax: 847.543.9230

Location :	I-57 (KEDZIE AVE. TO CSX R.R.) / I-294	**Quote No. :**	1019 4044
Project :	ISTHA CONTRACT #I-19-4464		
Date :	November 1, 2019		

We submit the following quotation for your consideration

Pay Item	Description	QTY.	Unit Price	Subtotal
82500300	LIGHTING CONTROLLER, POLE MOUNTED, 240 VOLT, 30 AMP (SEE NOTE 1)	1	$2,375.00	$2,375.00
X8251388	LIGHTING CONTROLLER, BASE MOUNTED, 480 VOLT, 200 AMP (DUAL) RADIO SCADA	2	$19,678.00	$39,356.00
JT131526	PLAZA ELECTRICAL (SEE NOTE 2) V.P.J.B. (DOES NOT INCLUDE EMI #BRHM-29CP+)	1	$18,213.00	$18,213.00
		Total :		**$59,944.00**

Notes:

NOTE 1: DOES NOT INCLUDE METER FITTING OR NEMA 4X DISCONNECT SWITCH (IDOT STANDARD)
NOTE 2: CONTRACTOR TO SUPPLY AXIS T8133 & AXIS T8134 PoE INJECTORS. QUOTE INCLUDES DIN RELAY IV.

Terms:

NET 30 DAYS
F.O.B. - EXCEL LTD.
DELIVERY: 6 - 8 WKS

Thank you for giving us the opportunity to quote!

Prices based on information provided to Excel Ltd, Inc. at time of quote. Quotation based on total items listed. Excel Ltd, Inc. reserves the right to re-quote on any deviations from quantity or items removed.

This quote firm for 60 days. After 60 days please call.

Certified Profile

[redacted]

Print

Business & Contact Information

BUSINESS NAME	**EXCEL LTD., INC.**
OWNER	**MR. JAMES BARTUS**
ADDRESS	**888 EAST BELVIDERE RD., UNIT 405** **GRAYSLAKE, IL 60030** Map This Address
PHONE	**847-543-9138**
FAX	**847-543-9230**
EMAIL	**contact@excelltdinc.com**
WEBSITE	**www.excelltdinc.com**
ETHNICITY	**Caucasian**
GENDER	**Male**
COUNTY	**Lake (IL)**

Certification Information

CERTIFYING AGENCY	**State of Illinois Central Management Services**
CERTIFICATION TYPE	**VOSB - Veteran Owned Small Business**
RENEWAL DATE	**5/20/2020**
EXPIRATION DATE	**5/20/2021**
CERTIFIED BUSINESS DESCRIPTION	**ELECTRICAL EQUIPMENT AND SUPPLIES** **Street and Highway Lighting Luminaires, Accessories and Parts** **Wiring Devices: Adapters, Caps, Connectors, Extension Cords, Fluorescent and HP Starters, Outlets, Plates and Covers, Plugs, Receptacles, Safety Cord Lock, Switches, Terminals, etc. (incl, Recycled Electrical Products, Supplies)**

Commodity Codes

Code	Description
NIGP 28500	ELECTRICAL EQUIPMENT AND SUPPLIES, EXCEPT CABLE AND WIRE
NIGP 28576	Street and Highway Lighting Luminaires, Accessories and Parts

NIGP 28595	Wiring Devices: Adapters, Caps, Connectors, Extension Cords, Fluorescent and HP Starters, Outlets, Plates and Covers, Plugs, Receptacles, Safety Cord Lock, Switches, Terminals, etc. (Incl. Recycled Electrical Products, Supplies)

Additional Information

REGION	**Northern Illinois**

CLOSE WINDOW

Print

Business & Contact Information

BUSINESS NAME	**EXCEL LTD., INC.**
OWNER	**MR. JAMES BARTUS**
ADDRESS	**888 EAST BELVIDERE RD., UNIT 405** **GRAYSLAKE, IL 60030** Map This Address
PHONE	**847-543-9138**
FAX	**847-543-9230**
EMAIL	**contact@excelltdinc.com**
WEBSITE	**www.excelltdinc.com**
ETHNICITY	**Caucasian**
GENDER	**Male**
COUNTY	**Lake (IL)**

Certification Information

CERTIFYING AGENCY	**State of Illinois Central Management Services**
CERTIFICATION TYPE	**VOSB - Veteran Owned Small Business**
RENEWAL DATE	**5/20/2020**
EXPIRATION DATE	**5/20/2021**
CERTIFIED BUSINESS DESCRIPTION	**ELECTRICAL EQUIPMENT AND SUPPLIES** **Street and Highway Lighting Luminaires, Accessories and Parts** **Wiring Devices: Adapters, Caps, Connectors, Extension Cords, Fluorescent and HP Starters, Outlets, Plates and Covers, Plugs, Receptacles, Safety Cord Lock, Switches, Terminals, etc. (Incl, Recycled Electrical Products, Supplies)**

Commodity Codes

Code	Description
NIGP 28500	ELECTRICAL EQUIPMENT AND SUPPLIES, EXCEPT CABLE AND WIRE
NIGP 28576	Street and Highway Lighting Luminaires, Accessories and Parts

Illinois State Toll Highway Authority "ISTHA"

VOSB FORM 2025 - VOSB PARTICIPATION STATEMENT FORM, PART 2

CONTRACT #:	I-19- 4464

VOSB FIRM NAME:	5366 Logistics Corp
CIRCLE ALL THAT APPLY:	VOSB SDVOSB

CHECK ALL THAT APPLY:

PRIME ____ JV PARTNER ____ SUBCONTRACTOR ____ TRUCKER X SUPPLIER ____ MANUFACTURER ____

SUBCONTRACTOR: * TIER 1 (SUB TO PRIME): Y N TIER 2 OR BELOW: Y N UNDER CONTRACT TO:

This form must be completed for EACH veteran-owned business participating in the VOSB Utilization Plan. This form is due to the Tollway by 5:00 pm on the fifth calendar day after notification to the prime by the Tollway as low apparent bidder to constructionbid@getipass.com. If additional space is needed, complete an additional form(s) for the firm or attach a detailed information on VOSB firm company letterhead.

PAY ITEM NO.*	DESCRIPTION: Indicate whether furnish only, or both furnish and install.	QUANTITY	UNIT PRICE	TOTAL CONTRACT AMOUNT ($)	CHECK IF SUPPLIER	TOTAL VOSB CREDIT AMOUNT ($) - (reduce to 60% of contract amount if firm is a SUPPLIER)
	ONSITE TO OFFSITE TRUCKING					
	TOTALS FOR THIS VOSB FIRM:					200,000.00

*Contingency Work must not be included under Pay Items and will not be approved toward VOSB goal participation until such time as those Pay Items have been confirmed as required work of the contract. Direct Allowance Items, including but not limited to Mobilization Item #IS671010, will not be approved within the VOSB Utilization Plan. NOTE that these items are not included in the determination of the VOSB Goal percentage.

1. **PARTIAL PAY ITEMS:** For any of the above ITEMS that are partial pay items, specifically describe the work and subcontract dollar amount.

2. **COMMITMENT:** The undersigned certify that the information herein is true and correct, and that the VOSB listed below has agreed to perform a commercially-useful function in the work of the contractItem(s) listed above and to execute a contract to that effect with the Prime Contractor. The undersigned further understand that NO CHANGES to the type or scope of work performed by the VOSB may be madewithout PRIOR WRITTEN APPROVAL and that complete and accurate information regarding actual work performed by the VOSB on this contract and the payment thereto must be provided to ISTHA's Department ofDiversity and Strategic Development. The Prime Contractor will not assign any of the contract items listed above to a firm other than the VOSB identified below without ISTHA's prior written approval. The PrimeContractor must request, in writing, approval by ISTHA's Diversity and Strategic Development Department of any proposed amendment to the type or scope of work to be performed by the VOSB no later thanthree business days from the date the Prime Contractor becomes aware of the circumstances supporting the request. Failure to receive written approval prior to a change in type or scope is a violation of the STATEOF ILLINOIS VETERAN SMALL BUSINESS PARTICPATION AND UTILIZATION PLAN and canbubject the contractor to contract sanctions.

[redacted] ESTIMATOR 11/5/19

Signature for Prime Contractor — Title — Date

Contact: Shamik Amin
Firm Name: Judlau Contracting, Inc.
E-mail: shamik.amin@ohlna.com
Phone: 630.387.6040
Address: 1011 Warrenville Rd., #195, Lisle, IL 60532

[redacted] President November 5 , 2019

Signature for VOSB Contractor — Title — Date

Contact: Dan Bitton
Firm Name: 5366 Logistics Corp
E-mail: Dbitton@5366logistics.com
Phone: 815-701-6617
Address: 4501 US Route 12 Richmond, IL 60071

QUOTE# 601
DATE: 11/05/19
EXPIRATION DATE: 12/05/19

A SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS

5366 LOGISTICS CORP 4501 US Rt 12 Richmond, IL 60071 **815.701.6227** Quotes@5366logistics.com

TO:
Judlau Contracting
14803 Founders Crossing
Homer Glen, IL 60491
Attn: Dalin Smith

SALESPERSON	JOB ADDRESS	PAYMENT TERMS
Dan Bitton	ISTHA I-19- 4464	Net 30

IMPORT

PRODUCT	CARTAGE RATE/TON	MATERIAL RATE/TON	TOTAL RATE/TON EXCLUDING TAX	TAX RATE ON MATERIAL	TAX AMOUNT	TOTAL MATERIAL WITH TAX
N/A	$0.00	$0.00	$0.00	0.00%	$0.00	**$0.00**
N/A	$0.00	$0.00	$0.00	0.00%	$0.00	**$0.00**
N/A	$0.00	$0.00	$0.00	0.00%	$0.00	**$0.00**
N/A	$0.00	$0.00	$0.00	0.00%	$0.00	**$0.00**
N/A	$0.00	$0.00	$0.00	0.00%	$0.00	**$0.00**

EXPORT

1. Export CCDD *Dirt Spoils* from the above referenced job location - $335.00/Ld (Cartage & Dump fee Inc.)
2. Export *Manifested Non-Special Waste* from the above referenced job location to WM Laraway - $335.00/Ld (Cartage Only)
3. Export Manifested Non-Special Waste from the above referenced job location to WM Countryside - $350.00/Ld (Cartage Only)
4. Export *Broken Asphalt Spoils* from the above referenced job location - $365.00/Load (Cartage & Dump fee Inc.)
5. Export *Broken Concrete Spoils* from the above referenced job location - $195.00/Load (Cartage & Dump fee Inc.)

*REFER ADDITIONAL TERMS AND CONDITIONS #2

Hourly Rates:	Semi:	$110.00	6-Wheeler:	$98.00

X. [redacted] X.

ADDITIONAL TERM AND CONDITIONS

1. Sales tax will be added to above material rates if tax exempt form is not submitted.
2. *Demurrage at hourly rate after 15 minutes of waiting time. To be LOADED on job site or waiting to UNLOAD at dump site.
3. 5366 Logistics Corp is not responsible for analytical, land filling or loading cost unless otherwise specified.
4. IEPA (LPC-662, LPC-663) forms required prior to start of job.
5. A two hour show up cost for trucks will be assessed if not notified of job cancellation at least two hours prior to start time
6. Quote valid for 30 days from quote date, unless signed by Authorized Company Representative.
7. Customer is Responsible for ALL Overweight's if drivers are not allowed out of their trucks to oversee loading.
8. This quote is not a guarantee that trucks will be available for the job start date, unless quote is signed by an Authorized Company Representative.

Total invoice amounts will be due within 30 days of invoice date. A Charge of 1.5% per month (18% per annum) may be added to past due invoices. Above customer is responsible for ALL legal and lien fees for any and all invoices that are not paid in full within 30 days of invoice date. Please make all checks payable to: 5366 Logistics

If you have any questions concerning this quote, please call (815) 701-6227

U.S. Department of Transportation
Federal Motor Carrier Safety Administration

1200 New Jersey Ave., S.E.
Washington, DC 20590

SERVICE DATE
May 26, 2017

LICENSE

MC-980187-B
U.S. DOT No. 2909976
5366 LOGISTICS CORP
JOHNSBURG, IL

This License is evidence of the applicant's authority to engage in operations, in interstate or foreign commerce, as a broker, arranging for transportation of freight (except household goods) by motor vehicle.

This authority will be effective as long as the broker maintains insurance coverage for the protection of the public (49 CFR 387) and the designation of agents upon whom process may be served (49 CFR 366). The applicant shall also render reasonably continuous and adequate service to the public. Failure to maintain compliance will constitute sufficient grounds for revocation of this authority.

[redacted]

Jeffrey L. Secrist, Chief
Information Technology Operations Division

BPO

ILLINOIS COMMERCE COMMISSION
TRANSPORTATION DIVISION
PUBLIC CARRIER CERTIFICATE

216964 MC
5366 LOGISTICS CORP
no dba

Pursuant to the provisions of the Illinois Commercial Transportation Law (625 ILCS 5/18c-1101 et seq.), this certificate authorizes the above-named motor carrier to operate in intrastate commerce transporting:

ANY AND ALL COMMODITIES (Except Household Goods)
TO AND FROM ALL POINTS IN ILLINOIS.

The privilege conveyed by this certificate is conditioned upon compliance with all applicable provisions of State Law and rules.

The vehicles of this certificate holder must be identified in accordance with 92 Ill. Adm. Code 1307.

The holder of this license certifies to the Commission that it will perform transportation activities only with the lawful amount of insurance in accordance with 92 Ill. Adm. Code 1425.

Issue Date: October 05, 2016

Director of Processing
Transportation Division

CMS

ILLINOIS Bruce Rauner, Governor
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES

May 19, 2017

Mr. DANIEL BITTON
5366 Logistics Corp
3317 Cardington Way
Johnsburg, IL 60051

Dear DANIEL BITTON:

Re: Persons with Disability Business Enterprise (PBE)

Congratulations! After reviewing the information that you supplied, we are pleased to inform you that your firm has been granted certification under the Business Enterprise Program (BEP) for Minority, Females, and Persons with Disabilities.

This certification is in effect with the State of Illinois as specified on the above certification term expiration date.

At least 15 days prior to the anniversary date of your certification, you will be notified by BEP to update your certification condition of continued certification. In addition, should any changes occur in ownership and/or control of the business or other changes affecting the firm's operations, you are required to notify BEP within two weeks. Failure to notify our office changes will result in decertification of your firm.

Please be advised, while this certification does not guarantee you will receive a State contract, it does assure your firm th opportunity to participate in the State's procurement process. Your firm's participation on State contracts will be credited toward Persons with Disability Business Enterprise (PBE) goals in your area(s) of specialty. Your firm's name will appear in State's Directory as a certified vendor with the Business Enterprise Program in the specialty area(s) of:

NIGP 75077: SAND AND GRAVEL
NIGP 96239: HAULING SERVICES
NIGP 96256: MOVING AND RELOCATION SERVICES
NIGP 96712: AGGREGATE, CONCRETE OR STONE PRODUCTS (INCLUDING CLAY, REFRACTORY MATERIALS AND T PRODUCTS)

Please visit our website at www.opportunities.illinois.gov to obtain information about current and upcoming procurement opportunities, contracts, forms, and also to register to receive email alerts when the State is preparing to purchase a produ or service you may provide.

Thank you for your participation in the Business Enterprise Program. We welcome your participation and wish you continu success.

Sincerely,

[redacted]

Carlos Gutiérrez
Certification Manager
Business Enterprise Program

CMS

ILLINOIS Bruce Rauner, Governor
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES
Michael M. Hoffman, Acting Director

Mr. DANIEL BITTON
5366 Logistics Corp
3317 Cardington Way
Johnsburg, IL 60051

Dear DANIEL BITTON:

Re: Service Disabled Veteran Owned Small Business (SDVOSB)
SDVOBE Certification Approval

Congratulations! After reviewing the information you supplied, we are pleased to inform you that your firm has been gran certification as a Service Disabled Veteran Owned Small Business (SDVOSB) under the Veterans Business Program (VBP

The VBP accepts the United States Department of Veteran Affairs – Center for Veterans Enterprise's certification regardin your business status. This outside certification is in effect with the State of Illinois as long as it is valid with the United Sta Department of Veteran Affairs – Center for Veterans Enterprise.

At least 60 days prior to the anniversary day of your certification, you will be notified by the VBP to update your certificat as a condition of continued certification. In addition, should any changes occur in ownership and/or control of the busines other changes affecting the firm's operations, you are required to notify the VBP within two weeks. Failure to notify our off of changes will result in decertification of your firm.

Please be advised, while this certification does not guarantee you will receive a State contract, it does assure your firm th opportunity to participate in the State's procurement process. Your firm's participation on State contracts will be credited toward Service Disabled Veteran-Owned Small Business goals in your area(s) of specialty. Your firm's name will appear in State's Directory as a certified vendor with the VBP in the specialty area(s) of:

NIGP 75077: SAND AND GRAVEL
NIGP 91371: MAINTENANCE AND REPAIR, HIGHWAY AND ROAD (TO INCLUDE THE REMOVAL OF ASPHALT, CONCRE BITUMENS, ETC)
NIGP 96239: HAULING SERVICES
NIGP 96256: MOVING AND RELOCATION SERVICES
NIGP 96712: AGGREGATE, CONCRETE OR STONE PRODUCTS (INCLUDING CLAY, REFRACTORY MATERIALS AND TI PRODUCTS)

Please visit our website at www.sell2.illinois.gov to obtain information about current and upcoming procurement opportunities, contracts, forms, and also to register to receive email alerts when the State is preparing to purchase a produ or service you may provide.

Thank you for your participation in the VBP. We welcome your participation and wish you continued success.

Sincerely,

[redacted]

Carlos Gutiérrez

Illinois Business Authorization

5366 LOGISTICS CORP

Loc. Code: 056-5000-6-000 - CL
McHenry County

3317 CARDINGTON WAY
JOHNSBURG IL 60051-7388

Certificate of Registration

Expiration Date:
6/1/2022

Sales and use taxes and fees (4250-3361)

[redacted]
DEPARTMENT OF REVENUE

DEPARTMENT OF VETERANS AFFAIRS
Center for Verification and Evaluation
Washington DC 20420

August 22, 2017
In Reply Refer To: **00VE**

Mr. Daniel A Bitton
5366 Logistics Corp
DUNS: 080469134
3317 Cardington Way
Johnsburg, IL 60051

Dear Mr. Bitton:

On behalf of the U.S. Department of Veterans Affairs (VA), Center for Verification and Evaluation (CVE), I am writing to inform you that 5366 Logistics Corp has been verified as a Service-Disabled Veteran-Owned Small Business (SDVOSB) and added to the Vendor Information Pages (VIP) at http://www.vip.vetbiz.gov. 5366 Logistics Corp will be eligible to participate in Veterans First Contracting Program opportunities with VA.

This verification is valid for three (3) years from the date of this letter. Please retain a copy of this letter to confirm 5366 Logistics Corp's continued program eligibility in accordance with 38 Code of Federal Regulations (CFR) § 74.12. You may reapply 120 days prior to your expiration date by logging in to your VIP profile....

To promote 5366 Logistics Corp's verified status, you may ...download the logo for use on marketing materials and business cards...

Thank you for your service to our country and for continuing to serve America through small business ownership.

Service Disabled Veteran Owned Small Business
SDVOSB
CVE

Sincerely,

[redacted]

Thomas J. McGrath
Director
Center for Verification and Evaluation

EVAL.T3.TEMPL.0002

THIS LETTER WAS REDACTED BY DANIEL BITTON

CLOSE WINDOW

Print

Business & Contact Information

BUSINESS NAME	**5366 Logistics Corp**
OWNER	**MR. DANIEL BITTON**
ADDRESS	**4501 US-12** **Richmond, IL 60071** Map This Address
PHONE	**815-701-6227**
FAX	**847-739-7208**
EMAIL	**dbitton@5366logistics.com**
WEBSITE	**http://5366logistics.com**
ETHNICITY	**Caucasian**
GENDER	**Male**
COUNTY	**McHenry (IL)**

Certification Information

CERTIFYING AGENCY	**State of Illinois Central Management Services**
CERTIFICATION TYPE	**SDVOSB - Service Disabled Veteran Owned Small Business**
RENEWAL DATE	**5/19/2020**
EXPIRATION DATE	**5/19/2022**
CERTIFIED BUSINESS DESCRIPTION	**NIGP 75077 Sand and Gravel** **NIGP 91371 Maintenance and Repair, Highway and Road (To include the removal of asphalt, concrete, bitumens, etc)** **NIGP 96239 Hauling Services** **NIGP 96256 Moving and Relocation Services** **NIGP 96712 Aggregate, Concrete or Stone Products (Including Clay, Refractory Materials and Tile Products)** **745-10-00 Asphalt, Emulsified (With Latex/Polymer)** **745-14-00 Asphaltic Concrete, Cold Laid** **745-21-00 Asphaltic Concrete, Hot Laid Including Bituminous Materials** **745-68-00 Recycled Asphalt and Asphalt Products** **545-26-60 PRESSURE WASHER, HOT WATER** **Active NIGP 07519 Cleaning and Washing Equipment: Steam, Cold and Hot Water Pressure and Jet Types, Portable and Stationary (Also See 075-49)** **Active NIGP 77545 Road Maintenance Salt (See Class 192 for Ice Removal Chemicals)**

VOSB FORM 2023

Demonstration of Good Faith Efforts to Achieve VOSB Construction Subcontracting Goal

If the VOSB contract goal was not achieved, the Good Faith Efforts checklist and contacts log must be submitted with the bid. Failure to do so may render the Bidder's solicitation response non-responsive and cause it to be rejected, or render the Bidder ineligible for contract award, at ISTHA's sole discretion. The Bidder must provide all evidence relied upon in support of its Good Faith Efforts with its bid.

Good Faith Efforts Checklist

Insert on each line below the initials of the authorized Bidder representative who is certifying the Bidder has completed the activities described below. If any of the items were not completed, attach a detailed written explanation. If any other efforts were made to obtain VOSB/SDVOSB participation in addition to the items listed below, attach a detailed written explanation.

_____Utilize the Sell2Illinois website to identify certified VOSB/SDVOSB vendors within the respective commodity/service codes and at a minimum email all listed vendors and solicit quotes from all vendors who express an interest via follow-up emails or telephone calls.

- https://www2.illinois.gov/cms/business/sell2/Pages/VendorSearch.aspx

_____Identified portions of the contract work capable of performance by available VOSBs/SDVOSBs, including, where appropriate, breaking out contract work items into economically feasible units to facilitate VOSB/SDVOSB participation even when the Bidder could perform those scopes with its own forces.

_____Make a portion of the work available to certified VOSB/SDVOSB vendors and selecting those portions of the work or material needs consistent with their availability, so as to facilitate certified VOSB/SDVOSB vendor participation.

_____Solicited through reasonable and available means (e.g., pre-bid meetings, networking session, written notices, advertisements) VOSBs/SDVOSBs to perform the types of work that could be subcontracted on this project, within sufficient time to allow them to respond. Vendor must determine with certainty if the certified VOSB/SDVOSB vendors are interested by taking appropriate steps to follow up initial solicitations and encourage them to submit a bid.

_____Provided timely and adequate information about the plans, specifications and requirements of the contract. Followed up initial solicitations to answer questions and encourage VOSBs/SDVOSBs to submit bids.

_____Negotiated in good faith with interested VOSBs/SDVOSBs that submitted bids and thoroughly investigated their capabilities. Evidence of such negotiation must include the names, addresses, email addresses, and telephone numbers of certified VOSB/SDVOSB vendors that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting and evidence as to why additional agreements could not be reached for certified VOSB/SDVOSB vendors to perform the work. A Vendor using good business judgment may consider a number of factors in negotiating with certified VOSB/SDVOSB vendors and may take a firm's price and capabilities into consideration. The fact that there may be some additional costs involved in finding and using certified VOSB/SDVOSB vendors may not be in itself sufficient reason for a Vendor's failure to meet the goal, as long as such costs are reasonable. Vendors are not required to accept higher quotes from certified VOSB/SDVOSB vendors if the price difference is excessive or unreasonable. The certified VOSB/SDVOSB vendor's memberships in specific groups, organizations, or associations and political or social affiliations are not legitimate causes for the rejection or non-solicitation of bids in Vendor's efforts to meet the goal.



VOSB FORM 2023 page 2

_____Made efforts to assist interested VOSBs/SDVOSBs in obtaining bonding, lines of credit, or insurance as may be required for performance of the contract (if applicable).

_____Made efforts to assist interested certified VOSB/SDVOSB vendors in obtaining necessary equipment, supplies, materials, or related assistance or services.

_____Utilized resources available to identify available VOSBs/SDVOSBs, including but not limited to VOSB/SDVOSB assistance groups; local, state and federal business assistance offices; and other organizations that provide assistance in the recruitment and placement of VOSBs/SDVOSBs.

Affidavit of Truthfulness: Signature below affirms accuracy of Good Faith Efforts and authority to provide above information

Print Name: _____ Phone contact: _____

Position: _____ E-mail address: _____

Signature: _____ Date: _____

VOSB FORM 2023

Good Faith Efforts Contacts Log for Soliciting - VOSB Participation: Form 2023 continued

Project name: _____ Project number: _____

Bidder name: _____ Contact person: _____

Use this form to document all contacts and responses (telephone, e-mail, fax, etc.) regarding the solicitation of VOSBs/SDVOSBs. Duplicate as needed.

Name of VOSB/SDVOSB	Date and method of contact	Scope of work solicited	Reason agreement was not reached

Affidavit of Truthfulness: Signature below affirms accuracy of Good Faith Efforts and authority to provide above information

Print Name: _____ **Phone contact:** _____

Position: _____ **E-mail address:** _____

Signature: _____ **Date:** _____

ILLINOIS STATE TOLL HIGHWAY AUTHORITY

SPECIAL PROVISION

FOR

BID CREDIT INCENTIVE PROGRAMS

1. OBJECTIVE OF THE BID CREDIT INCENTIVE PROGRAM

The TOLLWAY offers programs allowing a contractor or subcontractor/fabricator to earn BID CREDITs to be used toward future TOLLWAY construction bids. A Bidder can then apply its BID CREDITs to a maximum BID CREDIT CAP assigned by the TOLLWAY to each contract in order to lower their bid amount and increase the chances of winning the contract as the low Bidder.

Use of BID CREDITs from the BID CREDIT Incentive Programs is applicable only to construction projects advertised by the TOLLWAY for public bidding.

Current TOLLWAY BID CREDIT Programs are:

- ConstructionWorks (CW) Program: encouraging contractors to employ and retain qualified and eligible CW individuals enrolled in the CW Program, including African Americans, Asians, Hispanic, Ex-offenders, exonerated individuals, Females, Veterans and other traditionally underserved populations.
- Earned Credit Program (ECP): encouraging contractors to employ and retain qualified and eligible Workforce Innovation and Opportunity Act eligible individuals, including African Americans, Asians, Hispanic, Ex-offenders, exonerated individuals, Females, Veterans and other traditionally underserved populations.
- Partnering for Growth – Construction (P4G-Con): encouraging contractors to mentor a Disadvantaged Business Enterprise or Veteran-owned Small Business protégé firm.

For more information, reference the Operational Guide for each program on the TOLLWAY's website, https://www.illinoistollway.com/doing-business/diversity-development/programs.

2. DEFINITIONS

ACTIVE BID CREDIT CERTIFICATE REGISTER: Listing of all active BID CREDIT CERTIFICATEs for all BID CREDIT programs indicating certificate number, value, owner and issue date.

ACTIVE BID CREDITS: BID CREDITs available for submission and utilization on a construction bid.

AWARD CRITERIA: Contractor's BASE BID minus BID CREDIT submitted subject to the BID CREDIT CAP identified for each solicitation.

BASE BID: The bid amount prior to applying BID CREDITS SUBMITTED.

BID CREDIT: Virtual dollar credits earned through a TOLLWAY BID CREDIT Program.

BID CREDIT ALLOCATION: When BID CREDITS SUBMITTED by a prime contractor and subcontractor/fabricator are applied proportionally to the total of all the BID CREDITs originally submitted with the bid.

BID CREDIT CAP: A contract-specific limit as determined by an approved TOLLWAY formula on the amount of ACTIVE BID CREDITs that can be applied as BID CREDITS. Any BID CREDITS SUBMITTED above and beyond the BID CREDIT CAP will not be considered.

BID CREDIT CERTIFICATE: A numbered document that identifies certificate number, value, owner and issue date.

BID CREDITS SUBMITTED: BID CREDITs included in a construction bid as evidenced by a BID CREDIT CERTIFICATE. The total amount of the certificate(s) will be considered as tendered unless otherwise indicated on the physical certificate.

BID CREDITS UTILIZED: The amount of BID CREDITs required to establish the apparent low Bidder based on the difference between the award criterions of the lowest Bidder and the next apparent low Bidder plus $1.00 of BID CREDIT.

INACTIVE BID CREDITS: BID CREDIT not available for submission due to utilization on a construction bid or superseded by current ACTIVE BID CREDITs.

TOLLWAY: The Illinois State Toll Highway Authority.

3. EARNING BID CREDITS

Refer to the Operational Guides for active TOLLWAY BID CREDIT Programs as posted on the TOLLWAY's website, https://www.illinoistollway.com/doing-business/diversity-development/programs.

4. BIDDING PROCEDURES

All bids must comply with the applicable procurement statutes, rules and regulations and the specific requirements of each solicitation to be considered responsive. Bids that fail to meet these minimum requirements may be considered non-responsive.

4.1 Each bid solicitation will have a contract-specific total BID CREDIT CAP as determined by the approved TOLLWAY formula on the amount of BID CREDIT that can be applied.

4.2 Any credits applied above and beyond the BID CREDIT CAP will not be considered.

4.3 If needed, contractors can check the appropriate ACTIVE BID CREDIT CERTIFICATE REGISTER on the TOLLWAY's website to ensure BID CREDIT CERTIFICATES SUBMITTED are active.

4.4 The BID CREDIT CAP may be met by BID CREDITs:

4.4.1 Earned from one BID CREDIT program or from a combination of BID CREDIT programs, as BID CREDIT CERTIFICATEs are now issued as one certificate covering all BID CREDIT programs

4.4.2 Offered for submission by joint venture partners independently, and/or by subcontractors/fabricators independently, as per Section 5 below. If BID CREDITs from different firms are submitted on the same bid, the BID CREDITs are applied via BID CREDIT ALLOCATION as defined above proportionally to the amounts originally submitted on the bid.

4.5 Entering BID CREDITs on the bid forms:

- The BASE BID is to be clearly identified on line #1 of the P page;
- Line #2 is to include the total amount of BID CREDIT applied to the bid;
- Line #3 is to include the AWARD CRITERIA (Line #1 minus Line #2 equals Line #3).

4.6 All BID CREDIT CERTIFICATEs submitted to calculate the BID CREDIT included on Line #2 must be included in the original bid package.

4.7 All BID CREDITS UTILIZED to become or remain the successful Bidder will become unavailable for inclusion in any other bid at the time the Bidder's AWARD CRITERIA is deemed the lowest responsive and responsible bid.

4.8 The BID CREDIT CERTIFICATE(s) will be redeemed up to the amount needed plus $1 to allow the contractor's bid to be the lowest apparent bid for award of the contract and any unused remaining balance will be returned in the form of a BID CREDIT CERTIFICATE(s) to the contractor, or subcontractor/fabricator if applicable.

5. JOINT VENTURE AND SUBCONTRACTOR/FABRICATOR PARTICIPATION

5.1 Joint Venture partners who own BID CREDITS may independently submit BID CREDITS toward the joint venture bid subject to the overall BID CREDIT CAP.

5.2 Subcontractors/fabricators who own BID CREDITs may provide those BID CREDITS to prime contractors to be applied by prime contractors in a bid solicitation, provided the prime contractor has committed to utilizing the subcontractor/fabricator in the performance of the contract unless such use is prohibited for reasons beyond the prime contractor's control.

5.3 In the event that a subcontractor/fabricator becomes disqualified from contract participation by no fault of the prime, (i.e. delinquent debt, etc.) the actual ACTIVE BID CREDITS UTILIZED by the disqualified subcontractor/fabricator that factored into the apparent winning bid will not be refunded to the subcontractor's BID CREDIT certificate balance.

5.4 For subcontractor/fabricator BID CREDIT to be considered for utilization on a bid by a prime contractor:

5.4.1 The prime contractor must include BID CREDIT owned by the prime Bidder along with the BID CREDIT from the subcontractor/fabricator for application to the bid.

5.4.2 The amount of BID CREDITs submitted by the prime contractor shall be no less than the lowest dollar amount submitted by any subcontractor/fabricator application to the bid.

5.4.2.1 An allowance may be made in cases where the prime contractor's total BID CREDITs owned are less than those of the subcontractor/fabricator.

- In no case can the prime offer less than $1,000 in BID CREDITs.
- In instances where the prime has BID CREDITs but the total amount of the prime's BID CREDITs is less than any subcontractor's BID CREDITs offered with a bid, the prime's BID CREDITs will be utilized and exhausted before a subcontractor's BID CREDITs will be applied to the bid.

5.4.2.2 Failure to meet this standard will result in the BID CREDITS SUBMITTED not being considered.

5.4.3 The prime contractor is required to perform the following:

- Ensure that the subcontractor is aware of and has provided permission to the Bidder as indicated on the BID CREDIT CERTIFICATE to use the BID CREDIT CERTIFICATE in the bid solicitation;

- Identify the scope of work and dollar amount committed to each subcontractor/fabricator where a BID CREDIT CERTIFICATE is being calculated in the BID CREDIT;

- Ensure that the BID CREDIT CERTIFICATE is in active mode, which can be done through checking the ACTIVE BID CREDIT CERTIFICATE REGISTER on the TOLLWAY's website (www.illinoistollway.com and click on "Doing Business") prior to submitting a BID CREDIT BID CREDIT CERTIFICATE in a TOLLWAY bid solicitation;

5.4.4 Ensure that the total amount of BID CREDIT CERTIFICATEs does not exceed the contract-specific total BID CREDIT CAP. In the event of a successful bid, excess credits shall be returned via BID CREDIT ALLOCATION in proportion to what was originally submitted by the prime(s) and subcontractor/fabricator(s).

5.4.5 Insert a copy of this TOLLWAY SPECIAL PROVISION FOR BID CREDIT INCENTIVE PROGRAMS in each and every subcontract or joint venture agreement under this Contract and it shall become a material term of the subcontracts.

5.5 BID CREDITS SUBMITTED by the prime contractor, joint venture partner(s) and/or subcontractor/fabricator(s) are applied via BID CREDIT ALLOCATION, proportionally to the amounts originally submitted on the bid.

6. LONGEVITY OF BID CREDIT CERTIFICATES

6.1 Unused BID CREDITs do not expire.

6.2 BID CREDITs will become INACTIVE BID CREDITS once utilized in a successful bid.

6.3 Should the same BID CREDIT CERTIFICATE be submitted in multiple bids on the same date:

- Where multiple solicitations have the same bid opening date, the TOLLWAY will typically open bids in numerical order with the lowest project number per the last four digits of the contract being opened first.

- The first bid opened containing the BID CREDIT CERTIFICATE will be considered for bid.

- All other bids containing a duplicate BID CREDIT CERTIFICATE will be placed in a suspended mode until the award recommendation of the prior bid(s) has been issued.

- Until such time of award recommendation, all duplicate BID CREDIT CERTIFICATES will be Inactivated as applicable and the remaining BID CREDIT(s) and AWARD CRITERIA will be recalculated for subsequent bids.

As an example: Bid 01 (RR-XX-1234) included BID CREDIT CERTIFICATE A for $100, Bid 02 (RR-XX-5678) also included BID CREDIT CERTIFICATE A for $100. Bid 01 utilized $50 of BID CREDIT CERTIFICATE A. Upon award recommendation of Bid 01, BID CREDIT CERTIFICATE A has $50 remaining available for consideration in Bid 02.

6.4 As stated in Section 4.8 above, the BID CREDIT CERTIFICATE(s) will be redeemed up to the amount needed plus $1 to allow the contractor's bid to be the lowest apparent bid for award of the contract and any unused remaining balance will be returned in the form of a revised BID CREDIT CERTIFICATE(s) to the contractor or subcontractor/fabricator if applicable.

7. FRAUDULENT USE OF BID CREDIT CERTIFICATES

Any contractor who knowingly submits an INACTIVE BID CREDITs shall be permanently barred from participating in any TOLLWAY BID CREDIT program.

Any contractor who submits a subcontractor/fabricator's BID CREDIT CERTIFICATE without the permission of the subcontractor/fabricator and/or without committing to utilizing the subcontractor/fabricator by scope of service and dollar value of commitment in the bid shall be permanently barred from participating in any TOLLWAY BID CREDIT program.

The TOLLWAY may report such reporting abuses to the Office of the Inspector General and applicable law enforcement authorities.

ILLINOIS TOLLWAY
STANDARD BUSINESS TERMS AND CONDITIONS

ILLINOIS TOLLWAY CONTRACT NO.: I-19-4464

CONTRACTOR/CONSULTANT NAME: Judlau Contracting, Inc.

1. PAYMENT TERMS AND CONDITIONS:

1.1 Minority Contractor Initiative: Any Vendor awarded a contract under Section 20-10, 20-15, 20-25 or 20-30 of the Illinois Procurement Code (30 ILCS 500) of $1,000 or more is required to pay a fee of $15. The Comptroller shall deduct the fee from the first check issued to the Vendor under the contract and deposit the fee in the Comptroller's Administrative Fund. 15 ILCS 405/23.9.

1.2 Expenses: The State will not pay for supplies provided or services rendered, including related expenses, incurred prior to the execution of this contract by the Parties even if the effective date of the contract is prior to execution.

1.3 Prevailing Wage: As a condition of receiving payment Vendor must (i) be in compliance with the contract, (ii) pay its employees prevailing wages when required by law, (iii) pay its suppliers and subcontractors according to the terms of their respective contracts, and (iv) provide lien waivers to the State upon request. Examples of prevailing wage categories include public works, printing, janitorial, window washing, building and grounds services, site technician services, natural resource services, security guard and food services. The prevailing wages are revised by the Department of Labor and are available on the Department's official website, which shall be deemed proper notification of any rate changes under this subsection. Vendor is responsible for contacting the Illinois Department of Labor to ensure understanding of prevailing wage requirements at 217-782-6206 or (http://www.state.il.us/agency/idol/index.htm).

1.4 Federal Funding: This contract may be partially or totally funded with Federal funds. If federal funds are expected to be used, then the percentage of the good/service paid using Federal funds and the total Federal funds expected to be used will be provided in the award notice.

1.5 Invoicing: By submitting an invoice, Vendor certifies that the supplies or services provided meet all requirements of the contract, and the amount billed and expenses incurred are as allowed in the contract. Invoices for supplies purchased, services performed and expenses incurred through December 31 of any year must be submitted to the State no later than February 28 of the following year; otherwise Vendor may have to seek payment through the Illinois Court of Claims. 30 ILCS 105/25. All invoices are subject to statutory offset. 30 ILCS 210.

1.5.1 Vendor shall not bill for any taxes unless accompanied by proof that the State is subject to the tax. If necessary, Vendor may request the applicable Agency/University state tax exemption number and federal tax exemption information.

1.5.2 Vendor shall invoice at the completion of the contract unless invoicing is tied in the contract to milestones, deliverables, or other invoicing requirements agreed to in the contract.

2. ASSIGNMENT: This contract may not be assigned, transferred in whole or in part by Vendor without the prior written consent of the State.

3. **AUDIT/RETENTION OF RECORDS:** Vendor and its subcontractors shall maintain books and records relating to the performance of the contract or subcontract and necessary to support amounts charged to the State pursuant the contract or subcontract. Books and records, including information stored in databases or other computer systems, shall be maintained by the Vendor for a period of five years from the later of the date of final payment under the contract or completion of the contract, and by the subcontractor for a period of five years from the later of final payment under the term or completion of the subcontract. Books and records required to be maintained under this section shall be available for review or audit by representatives of: the procuring Agency/University, the Auditor General, the Executive Inspector General, the Chief Procurement Officer, the Tollway Inspector General, State of Illinois internal auditors or other governmental entities with monitoring authority, upon reasonable notice and during normal business hours. Vendor and its subcontractors shall cooperate fully with any such audit and with any investigation conducted by any of these entities. Failure to maintain books and records required by this section shall establish a presumption in favor of the State for the recovery of any funds paid by the State under the contract for which adequate books and records are not available to support the purported disbursement. The Vendor or subcontractors shall not impose a charge for audit or examination of the Vendor's books and records. 30 ILCS 500/20-65.

4. **TIME IS OF THE ESSENCE:** Time is of the essence with respect to Vendor's performance of this contract. Vendor shall continue to perform its obligations while any dispute concerning the contract is being resolved unless otherwise directed by the State.

5. **NO WAIVER OF RIGHTS:** Except as specifically waived in writing, failure by a Party to exercise or enforce a right does not waive that Party's right to exercise or enforce that or other rights in the future.

6. **FORCE MAJEURE:** Failure by either Party to perform its duties and obligations will be excused by unforeseeable circumstances beyond its reasonable control and not due to its negligence, including acts of nature, acts of terrorism, riots, labor disputes, fire, flood, explosion, and governmental prohibition. The non-declaring Party may cancel the contract without penalty if performance does not resume within 30 days of the declaration.

7. **CONFIDENTIAL INFORMATION:** Each Party, including its agents and subcontractors, to this contract may have or gain access to confidential data or information owned or maintained by the other Party in the course of carrying out its responsibilities under this contract. Vendor shall presume all information received from the State or to which it gains access pursuant to this contract is confidential. Vendor information, unless clearly marked as confidential and exempt from disclosure under the Illinois Freedom of Information Act, shall be considered public. No confidential data collected, maintained, or used in the course of performance of the contract shall be disseminated except as authorized by law and with the written consent of the disclosing Party, either during the period of the contract or thereafter. The receiving Party must return any and all data collected, maintained, created or used in the course of the performance of the contract, in whatever form it is maintained, promptly at the end of the contract, or earlier at the request of the disclosing Party, or notify the disclosing Party in writing of its destruction. The foregoing obligations shall not apply to confidential data or information lawfully in the receiving Party's possession prior to its acquisition from the disclosing Party; received in good faith from a third Party not subject to any confidentiality obligation to the disclosing Party; now is or later becomes publicly known through no breach of confidentiality obligation by the receiving Party; or is independently developed by the receiving Party without the use or benefit of the disclosing Party's confidential information.

8. **USE AND OWNERSHIP:** All work performed or supplies created by Vendor under this contract, whether written documents or data, goods or deliverables of any kind, shall be deemed work for hire under copyright law and all intellectual property and other laws, and the State of Illinois is granted sole and exclusive ownership to all such work, unless otherwise agreed in writing. Vendor hereby assigns to the State all right, title, and interest in and to such work including any related intellectual property rights, and/or waives any and all claims that Vendor may have to such work including any so-called "moral rights" in connection with the work. Vendor acknowledges the

State may use the work product for any purpose. Confidential data or information contained in such work shall be subject to confidentiality provisions of this contract.

9. **INDEMNIFICATION AND LIABILITY:** The Vendor shall indemnify and hold harmless the Tollway and State of Illinois, their directors, agencies, officers, employees, agents and volunteers from any and all costs, demands, expenses, losses, claims, damages, liabilities, settlements and judgments, including in-house and contracted attorneys' fees and expenses, arising out of: (a) any breach or violation by Vendor of any of its certifications, representations, warranties, covenants or agreements; (b) any actual or alleged death or injury to any person, damage to any property or any other damage or loss claimed to result in whole or in part from Vendor's negligent performance; or (c) any negligent act, activity or omission of Vendor or any of its employees, representatives, subcontractors or agents. Neither Party shall be liable for incidental, special, consequential or punitive damages.

10. **INDEPENDENT CONTRACTOR:** Vendor shall act as an independent contractor and not an agent or employee of, or joint venture with the State. All payments by the State shall be made on that basis.

11. **SOLICITATION AND EMPLOYMENT:** Vendor shall not employ any person employed by the State during the term of this contract to perform any work under this contract. Vendor shall give notice immediately to the Agency's director if Vendor solicits or intends to solicit State employees to perform any work under this contract.

12. **COMPLIANCE WITH THE LAW:** The Vendor, its employees, agents, and subcontractors shall comply with all applicable federal, state, and local laws, rules, ordinances, regulations, orders, federal circulars and all license and permit requirements in the performance of this contract. Vendor shall be in compliance with applicable tax requirements and shall be current in payment of such taxes. Vendor shall obtain at its own expense, all licenses and permissions necessary for the performance of this contract.

13. **BACKGROUND CHECK:** Whenever the State deems it reasonably necessary for security reasons, the State may conduct, at its expense, criminal and driver history background checks of Vendor's and subcontractors officers, employees or agents. Vendor or subcontractor shall reassign immediately any such individual who, in the opinion of the State, does not pass the background check.

14. **APPLICABLE LAW:** This contract shall be construed in accordance with and is subject to the laws and rules of the State of Illinois. The Department of Human Rights' Equal Opportunity requirements (44 Ill. Adm. Code 750) are incorporated by reference. Any claim against the State arising out of this contract must be filed exclusively with the Illinois Court of Claims. 705 ILCS 505/1. The State shall not enter into binding arbitration to resolve any contract dispute. The State of Illinois does not waive sovereign immunity by entering into this contract. The official text of cited statutes is incorporated by reference. An unofficial version can be viewed at http://www.ilga.gov).

15. **ANTI-TRUST ASSIGNMENT:** If Vendor does not pursue any claim or cause of action it has arising under federal or state antitrust laws relating to the subject matter of the contract, then upon request of the Illinois Attorney General, Vendor shall assign to the State rights, title and interest in and to the claim or cause of action.

16. **CONTRACTUAL AUTHORITY:** The Agency that signs for the State of Illinois shall be the only State entity responsible for performance and payment under the contract. When the Chief Procurement Officer or authorized designee signs in addition to an Agency, they do so as approving officer and shall have no liability to Vendor. When the Chief Procurement Officer or authorized designee, or State Purchasing Officer signs a master contract on behalf of State agencies, only the Agency that places an order with the Vendor shall have any liability to Vendor for that order.

17. **NOTICES:** Notices and other communications provided for herein shall be given in writing by registered or certified mail, return receipt requested, by receipted hand delivery, by courier (UPS, Federal Express or other similar and

reliable carrier), by e-mail, or by fax showing the date and time of successful receipt. Notices shall be sent to the individuals who signed the contract using the contact information following the signatures. Each such notice shall be deemed to have been provided at the time it is actually received. By giving notice, either Party may change the contact information.

18. **MODIFICATIONS AND SURVIVAL:** Amendments, modifications and waivers must be in writing and signed by authorized representatives of the Parties. Any provision of this contract officially declared void, unenforceable, or against public policy, shall be ignored and the remaining provisions shall be interpreted, as far as possible, to give effect to the Parties' intent. All provisions that by their nature would be expected to survive, shall survive termination. In the event of a conflict between the State's and the Vendor's terms, conditions and attachments, the State's terms, conditions and attachments shall prevail.

19. **PERFORMANCE RECORD / SUSPENSION:** Upon request of the State, Vendor shall meet to discuss performance or provide contract performance updates to help ensure proper performance of the contract. The State may consider Vendor's performance under this contract and compliance with law and rule to determine whether to continue the contract, suspend Vendor from doing future business with the State for a specified period of time, or to determine whether Vendor can be considered responsible on specific future contract opportunities.

20. **FREEDOM OF INFORMATION ACT:** This contract and all related public records maintained by, provided to or required to be provided to the State are subject to the Illinois Freedom of Information Act (FOIA) (50 ILCS 140) notwithstanding any provision to the contrary that may be found in this contract.

21. **SCHEDULE OF WORK:** Any work performed on State premises shall be done during the hours designated by the State and performed in a manner that does not interfere with the State and its personnel.

22. **WARRANTIES FOR SUPPLIES AND SERVICES:**

22.1 Vendor warrants that the supplies furnished under this contract will: (a) conform to the standards, specifications, drawing, samples or descriptions furnished by the State or furnished by the Vendor and agreed to by the State, including but not limited to all specifications attached as exhibits hereto; (b) be merchantable, of good quality and workmanship, and free from defects for a period of twelve months or longer if so specified in writing, and fit and sufficient for the intended use; (c) comply with all federal and state laws, regulations and ordinances pertaining to the manufacturing, packing, labeling, sale and delivery of the supplies; (d) be of good title and be free and clear of all liens and encumbrances and; (e) not infringe any patent, copyright or other intellectual property rights of any third party. Vendor agrees to reimburse the State for any losses, costs, damages or expenses, including without limitations, reasonable attorney's fees and expenses, arising from failure of the supplies to meet such warranties.

22.2 Vendor shall insure that all manufacturers' warranties are transferred to the State and shall provide a copy of the warranty. These warranties shall be in addition to all other warranties, express, implied or statutory, and shall survive the State's payment, acceptance, inspection or failure to inspect the supplies.

22.3 Vendor warrants that all services will be performed to meet the requirements of the contract in an efficient and effective manner by trained and competent personnel. Vendor shall monitor performances of each individual and shall reassign immediately any individual who is not performing in accordance with the contract, who is disruptive or not respectful of others in the workplace, or who in any way violates the contract or State policies.

23. **REPORTING, STATUS AND MONITORING SPECIFICATIONS:**

23.1 Vendor shall immediately notify the State of any event that may have a material impact on Vendor's ability

to perform the contract.

23.2 By August 31 of each year, Vendor shall report to the Agency or University the number of qualified veterans and certain ex-offenders hired during Vendor's last completed fiscal year. Vendor may be entitled to employment tax credit for hiring individuals in those groups. 35 ILCS 5/216, 5/217.

24. EMPLOYMENT TAX CREDIT: Vendors who hire qualified veterans and certain ex-offenders may be eligible for tax credits. 30 ILCS 500/45-67 and 45-70. Please contact the Illinois Department of Revenue (telephone #: 217-524-4772) for information about tax credits.

25. SUPPLEMENTAL PROVISIONS

25.1 TOLLWAY SUPPLEMENTAL PROVISIONS

25.1.1 Agents and Employees:
Vendor shall be responsible for the negligent acts and omissions of its agents, employees and **subcontractors in their performance of Vendor's duties under this Contract. Vendor represents that it shall** utilize the services of individuals skilled in the profession for which they will be used in performing services or supplying goods hereunder. In the event that the Tollway determines that any individual performing services or supplying goods for Vendor hereunder is not providing such skilled services or delivery of goods, it shall promptly notify the Vendor and the Vendor shall replace that individual.

25.1.2 Publicity:
Vendor shall not, in any advertisement or any other type of solicitation for business, state, indicate or otherwise imply that it is under contract to the Tollway nor shall the Tollway's name be used in any such advertisement or solicitation without prior written approval except as required by law.

25.1.3 Third Party Beneficiaries:
There are no third party beneficiaries to this Contract. This Contract is intended only to benefit the Tollway/Buyer and the Vendor.

25.1.4 Successors In Interest:
All the terms, provisions, and conditions of the Contract shall be binding upon and inure to the benefit of the parties hereto and their respective successors, assigns and legal representatives.

25.1.5 Venue:
Any claim against the Tollway arising out of this contract must be filed exclusively with Circuit Court for the Eighteenth Judicial Circuit, DuPage County, Illinois for State claims and the U.S. District Court for the Northern District of Illinois for Federal claims.

25.1.5.1 Whenever "State" is used or referenced in this Contract, it shall be interpreted to mean "Tollway".

25.1.5.2 The State Prompt Payment Act (30 ILCS 40) does not apply to the Tollway.

25.1.5.3 The Tollway is not currently an appropriated agency.

25.2 REPORT OF A CHANGE IN CIRCUMSTANCES: The Contractor agrees to report to the TOLLWAY as soon as practically possible, but no later than 21 days following any change in facts or circumstances that might impact the CONTRACTOR's ability to satisfy its legal or contractual responsibilities and obligations under

this contract. Required reports include, but are not limited to changes in the CONTRACTOR's Certification/Disclosure Forms, the CONTRACTOR's IDOT pre-qualification, or any certification or licensing required for this project. Additionally, (CONTRACTOR/VENDOR) agrees to report to the Tollway within the above timeframe any arrests, indictments, convictions or other matters involving the CONTRACTOR, or any of its principals, that might occur while this contract is in effect. This reporting requirement does not apply to common offenses, including but not limited to minor traffic/vehicle offenses.

Further, the CONTRACTOR agrees to incorporate substantially similar reporting requirements into the terms of any and all subcontracts relating to work performed under this agreement. The (CONTRACTOR/VENDOR) agrees to forward or relay to the Tollway any reports received from subcontractors pursuant to this paragraph within 21 days.

Finally, the CONTRACTOR acknowledges and agrees that the failure of the CONTRACTOR to comply with this reporting requirement shall constitute a material breach of contract which may result in this contract being declared void.

25.3 PAYMENT DATA REPORTING REQUIREMENT

The Tollway requires contractors to report all payments received and/or paid to other firms pursuant to this contract in the form prescribed by the Tollway.

Additional information can be found at: https://www.illinoistollway.com/doing-business#B2GNow
(If hyperlink does not load, copy and paste the address into your web browser's address bar)

25.4 VENDOR SUPPLEMENTAL PROVISIONS

☐ Vendor Supplemental Provisions:

STATE OF ILLINOIS

SOLICITATION AND CONTRACT TERMS AND CONDITIONS EXCEPTIONS

Judlau Contracting, Inc. agrees with the terms and conditions set forth in the State of Illinois Invitation for Bid, including the standard terms and conditions, the Agency/University supplemental provisions, certifications, and disclosures, with the following exceptions:

	Excluding certifications required by statute to be made by the Vendor, both Parties agree that all of the duties and obligations that the Vendor owes to the Agency/University for the work performed shall be pursuant to the solicitation and resulting contract, and Vendor's exceptions accepted by the State thereto as set forth below.
	STANDARD TERMS AND CONDITIONS
Section/ Subsection #	State the exception such as "add," "replace," and/or "delete."
	ADDITIONAL TERMS AND CONDITIONS
New Provision(s), # et. seq.	**Section/Subsection New Number, Title of New Subsection:** State the new additional term or condition.

_____ hereby agrees to the exceptions provided by _____ and to the Additional Terms and Conditions provided by _____.

Agreed:	Judlau Contracting, Inc.	Agreed:	
By:	[redacted]	By:	
Signed:		Signed:	
Position:	Executive Vice President	Position:	
Date:	November 1, 2019	Date:	

Sub-Contractor/Consultant Information/Delinquent Debt Review
Contractor/Consultant
Sub-Contractor/Consultant
FEIN

Date: November 1, 2019 **Project Number:** I-19-4464

Project Name: I-57 Roadway and Bridge Widening (Kedzie Avenue to CSX RR)
CD Roads A & C, I-294 Ramp Construction and Ramp L Toll Plaza

DELINQUENT DEBT REVIEW

CONTRACTOR/ CONSULTANT

Sub-Contractor/Consultant Disclosure.
Will you be using any sub-consultants/contractors? ☒ Yes ☐ No

If yes, you must identify below, to the extent the information is known, regardless of the subcontract value, the names, addresses and type of work all Sub-Contractors/Consultants that will be utilized in the performance of this Contract, together with the anticipated dollar value (Sub-Contractors) or percentage (Sub-Consultants) each is expected to receive pursuant to this Contract. The list of sub-contractors/consultants should include but not be limited to sub-contractors/consultants, suppliers and truckers proposed to achieve disadvantaged business enterprise and veteran owned business goals. The State may request updated information at any time. For purposes of this section Sub-Contractors/Consultants are those specifically hired to perform part of the work of this contract. Non-DBE suppliers and truckers do not need to be included.

Upon request, our firm agrees to provide a copy of the subcontract, if required, within fifteen (15) days after execution of the contract if selected, or after execution of the subcontract, whichever is later, for those subcontracts with an annual value of more than $50,000. All subcontracts over $50,000 must include the same certifications that the Vendor must make as a condition of the contract. The vendor shall include in each subcontract the subcontractor certifications as shown on the Standard Subcontractor Certification form available from the State.

Delinquent Payment. The Contractor/Consultant certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The Contractor/Consultant further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the Contractor/Consultant or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

Contractor/Consultant: Judlau Contracting, Inc.

Federal Employment Identification Number (FEIN): [redacted]

E-Mail: arnav.amin@ohlna.com

Include an attachment if more space is needed to provide the below information. The attachment must provide the requested information.

NOTE for Construction Contracts: List all known subcontractors including those identified in the Bid Package on DBE Form 2026 and VOSB Form 2026, and include any name listed in the "Under Contract To" section of these forms.

Sub-Contractor(s)/Consultant(s)	Sub-Contractor /Consultant FEIN	Address	General Type of Work	Anticipated Amount of Contract to be Paid (to extent known) Sub-Contractor (dollar value) or Sub-Consultant (percentage)
SEE ATTACHED				

Signature: [redacted] **Date:** November 1, 2019

Printed Name: Arnav Amin

Sub-Contractor(s)	Sub-Contractor FEIN	ADDRESS	General Type of Work	Anticipated Amount to be Paid (to extent known)
LOTUS OPTIONS, INC ✓	[redacted]	2 PAXOS DRIVE, PALOS HILLS, IL 60465	PAINT/SEALING	640,000.00
LAREDO SYSTEMS ✓		11933 COUNTY LINE ROAD, GARDEN PRAIRIE, IL 61038	LANDSCAPING	550,000.00
MAINTENANCE COATINGS CO. ✓		543 WOODBURY STREET, SOUTH ELGIN, IL 60177	PAVEMENT MARKING	426,497.62
SANCO TRAFFIC CONTRL ✓		200 QUAKER ROAD, ROCKFORD, IL 61104	TRAFFIC	1,060,000.00
METROMEX CONTRACTORS, INC. ✓		9550 SERGO DRIVE, SUITE 100, MCCOOK, IL 60525	ASPHALT	3,381,420.00
GIM ELECTRIC ✓ ELM		4150 N. MILWAUKEE AVENUE, CHICAGO, IL 60641	ELECTRICAL	1,056,000.00
S&J CONSTRUCTION, INC. ✓		4245 166TH STREET, OAK FOREST, IL 60452	SIGNAGE/ERECTION	250,000.00
BRYAN ENVIRO. CONSULT. ✓		17926 DIXIE HWY, SUITE B, HOMEWOOD, IL 60430	CONSULTING	200,000.00
DIVINE CEMENT ✓		811 PEARSON DR, JOLIET, IL 60435	CONC FLATWORK	1,000,000.00
S&J CONSTRUCTION, INC. ✓		4245 166TH STREET, OAK FOREST, IL 60452	SIGNAGE/ERECTION	4,150,000.00
M.A. REBAR SERVICES, INC. ✓		6508 WEST 126TH PLACE, PALOS HEIGHTS, IL 60463	REBAR	3,650,000.00
E. KING CONSTRUCTION ✓		3865 W. COLUMBUS AVE	TRUCKING	1,775,483.00
R.A. SEATON CONTRACTOR SERVICES LLC ✓		1416 MCKINLEY AVENUE, BELVIDERE, IL 61008	TRUCKING	482,000.00
5663 LOGISTICS ✓		4501 US ROUTE 12, RICHMOND, IL 60071	TRUCKING	200,000.00
INDUSTRIAL FENCE, INC. ✓		1300 S. KILBOURN AVENUE, CHICAGO, IL 60623	FENCING	1,000,000.00
Chris Arnold Trucking ✓		5494 W. Roosevelt Rd, Chicago IL 60644	Trucking	59385.00
Becker Co.				

TC ✓
Traffic Control Protection ✓ [redacted]

EXCEL LTD ✓

Office of the Secretary of State Jesse White
CYBERDRIVEILLINOIS.COM

Corporation/LLC Search/Certificate of Good Standing

Corporation File Detail Report

File Number	69030335
Entity Name	JUDLAU CONTRACTING, INC.
Status	ACTIVE

Entity Information

Entity Type	CORPORATION
Type of Corp	FOREIGN BCA
Qualification Date (Foreign)	Wednesday, 17 July 2013
State	NEW YORK
Duration Date	PERPETUAL

Agent Information

Name	COGENCY GLOBAL INC.
Address	600 SOUTH SECOND ST, SUITE 404 SPRINGFIELD , IL 62704

Change Date	Wednesday, 12 July 2017

Annual Report

Filing Date	Wednesday, 14 August 2019
For Year	2019

Officers

President Name & Address	ASHOK PATEL 26-15 ULMER ST COLLEGE POINT NY 11354
Secretary Name & Address	CESAR F PEREIRA 26-15 ULMER ST COLLEGE POINT NY 11354

Assumed Name

ACTIVE	OHL NORTH AMERICA

Return to Search

(One Certificate per Transaction)

File Annual Report

Adopting Assumed Name

Change of Registered Agent and/or Registered Office

This information was printed from www.cyberdriveillinois.com, the official website of the Illinois Secretary of State's Office. Thu Nov 07 2019

 4464 Judlau Contracting

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 15:21 **11/14/19**

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/14/19 AT 15:21 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Judlau Contracting
Contract No 4464
FEIN# [redacted]

4464 5366 Logistics

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 12:34 11/15/19

ACTION: S

VENDOR NUMBER=[redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 12:34 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

5366 Logistics
Contract # 4464
FEIN # [redacted]

 4464 Bryan Environmental Consultants

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:12 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** [redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Bryan Environmental Consultants, Inc.
FEIN [redacted]
Contract No I-19-4464

 4464 Chicagoland Trucking Inc.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:16 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Chicagoland Truckin Inc.
Contract Number 4464
FEIN # [redacted]

 4464 Hedar and Co.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 08:24 01/09/20

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 01/09/20 AT 08:24 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Page: 1 Document Name: untitled 4464 - Divine Cement Inc.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:12 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Divine Cement Inc.
Contract Number 4464
FEIN # [redacted]

Date: 11/15/2019 Time: 10:13:09 AM

 4464 E. King Construction Co.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER=[redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:14 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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E King Construction Co., Inc.
FEIN[redacted]
Contract No. I-19-4464

 4464 Excel Ltd. Inc.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:16 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ***[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Excel Ltd, Inc.
Contract 4464
FEIN # [redacted]

Page: 1 Document Name: untitled 4464 GIM Electric Company

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:11 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

GIM Electric Company, Inc.
Contract 4464
FEIN #[redacted]

Date: 11/15/2019 Time: 10:11:19 AM

 4464 Industrial Fence Inc.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER=[redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:15 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Industrial Fence, Inc.
Contract 4464
FEIN # [redacted]

 4464 Laredo Systems

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:08 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Laredo Systems
Contract 4464
FEIN # [redacted]

 4464 Lotus Options Inc.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:06 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Lotus Options, Inc.
Contract 4464
FEIN # [redacted]

 4464 Maintenance Coatings Co.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:09 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ***[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Maintenance Coatings Co.
Contract # 4464
FEIN # [redacted]

 4464 M.A. Rebar Services Inc.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:13 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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M.A. Rebar Services, Inc.
FEIN [redacted]
Contract No. I-19-4464

 4464 Metromex Contractors

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME:
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:10 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Metromex Contractors
Contract 4464
FEIN # [redacted]

Page: 1 Document Name: untitled 4464 RA Seaton Contractor Services LLC

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:15 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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RE Seaton Contractor Services, LLC
Contract # 4464
FEIN #[redacted]

Date: 11/15/2019 Time: 10:15:24 AM

 4464 S and J Construction Co.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:11 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ****[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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S&J Construction Co., Inc.
Contract # 4464
FEIN # [redacted]

 4464 Sanco Services Inc.

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 10:06 11/15/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/15/19 AT 10:10 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ***[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Sanco Services, Inc.
(dba Sanco Traffic Control)
FEIN # [redacted]

Page: 1 Document Name: untitled 4464 Traffic Control and Protection

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 14:48 11/22/19

ACTION: S

VENDOR NUMBER= [redacted] OFFSET: 00 OF 00
VENDOR NAME: *
CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *
CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:
AS OF 11/22/19 AT 14:48 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ***[redacted] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

Traffic Control and Protection
Contract 4464
FEIN # [redacted]

Date: 11/22/2019 Time: 2:49:01 PM

Substance Abuse Prevention Program Certification Public Act 95-0635

Contract # I-19-4464 Today's Date 11.01.2019

The undersigned Contractor(s) and Subcontractor(s) certify that they have read the provisions of the Substance Abuse Prevention on Public Works Act, Public Act 95-0635, and are in compliance with the terms of the Act.

____The Contractor/Subcontractors hereby certify that they are exempt from the provisions of Public Act 95-0635 because it is a party to a collective bargaining agreement that deals with Substance Abuse and Prevention as provided for in the Act.

X The Contractor/Subcontractors hereby certify they have a program in place to address Substance Abuse and Prevention as provided for in the Act and will submit the same to the Illinois Tollway prior to issuance of an Authorization to Proceed.

Judlau Contracting, Inc. — Contractor

Arnav Amin, Executive Vice President — Name/Title of Authorized Representative

[redacted] — Signature of Authorized Representative

Subcontractor — Name/Title of Authorized Representative

Signature of Authorized Representative

Subcontractor — Name/Title of Authorized Representative

Signature of Authorized Representative

Subcontractor — Name/Title of Authorized Representative

Signature of Authorized Representative

Subcontractor — Name/Title of Authorized Representative

Signature of Authorized Representative

Sub-Contractor(s)	Sub-Contractor FEIN	ADDRESS	General Type of Work	Anticipated Amount to be Paid (to extent known)
LOTUS OPTIONS, INC	[redacted]	2 PAXOS DRIVE, PALOS HILLS, IL 60465	PAINT/SEALING	640,000.00
LAREDO SYSTEMS		11933 COUNTY LINE ROAD, GARDEN PRAIRIE, IL 61038	LANDSCAPING	550,000.00
MAINTENANCE COATINGS CO.		543 WOODBURY STREET, SOUTH ELGIN, IL 60177	PAVEMENT MARKING	426,497.62
SANCO TRAFFIC CONTRL		200 QUAKER ROAD, ROCKFORD, IL 61104	TRAFFIC	1,060,000.00
METROMEX CONTRACTORS, INC.		9550 SERGO DRIVE, SUITE 100, MCCOOK, IL 60525	ASPHALT	3,381,420.00
GIM ELECTRIC		4150 N. MILWAUKEE AVENUE, CHICAGO, IL 60641	ELECTRICAL	1,056,000.00
S&J CONSTRUCTION, INC.		4245 166TH STREET, OAK FOREST, IL 60452	SIGNAGE/ERECTION	250,000.00
BRYAN ENVIRO. CONSULT.		17926 DIXIE HWY, SUITE B, HOMEWOOD, IL 60430	CONSULTING	200,000.00
DIVINE CEMENT		811 PEARSON DR, JOLIET, IL 60435	CONC FLATWORK	1,000,000.00
S&J CONSTRUCTION, INC.		4245 166TH STREET, OAK FOREST, IL 60452	SIGNAGE/ERECTION	4,150,000.00
M.A. REBAR SERVICES, INC.		6508 WEST 126TH PLACE, PALOS HEIGHTS, IL 60463	REBAR	3,650,000.00
E. KING CONSTRUCTION		3865 W. COLUMBUS AVE	TRUCKING	1,775,483.00
R.A. SEATON CONTRACTOR SERVICES LLC		1416 MCKINLEY AVENUE, BELVIDERE, IL 61008	TRUCKING	482,000.00
S663 LOGISTICS		4501 US ROUTE 12, RICHMOND, IL 60071	TRUCKING	200,000.00
INDUSTRIAL FENCE, INC.		1300 S. KILBOURN AVENUE, CHICAGO, IL 60623	FENCING	1,000,000.00

Certificate of Registration

STATE BOARD OF ELECTIONS

Registration No. 26817

Judlau Contracting, Inc.

26-15 Ulmer Street

College Point NY 11354

Information for this business last updated on:

Tuesday, May 28, 2019

Certificate produced on Tuesday, May 28, 2019 at 8:45 AM

Registered SEAL OF THE STATE BOARD OF ELECTIONS ILLINOIS Business

STATE OF ILLINOIS
FORMS A

A vendor responding to a solicitation by the State of Illinois must return the information requested within this section with their bid or offer if they are not registered in the Illinois Procurement Gateway (IPG) and do not have an approved, unexpired IPG Registration Number. Failure to do so may render their bid or offer non-responsive and result in disqualification.

Please read this entire Forms A and provide the requested information as applicable and per the instructions. All forms and signature areas contained in this Forms A must be completed in full and submitted along with the bid in an Invitation for Bid; and completed in full and submitted along with the technical response and price proposal, which combined will constitute the Offer, in a Request for Proposal.

Vendor Name: Judlau Contracting, Inc.	Phone: 718-554-2320
Street Address: 26-15 Ulmer Street	Email: cesar.pereira@ohlna.com
City, State Zip: College Point, NY 11354	Vendor Contact: Cesar Pereira

In compliance with the State and Federal Constitutions, the Illinois Human Rights Act, the U.S. Civil Rights Act, and Section 504 of the Federal Rehabilitation Act, the State of Illinois does not discriminate in employment, contracts, or any other activity.

The State of Illinois encourages prospective vendors to consider hiring qualified veterans and Illinois residents discharged from any Illinois adult correctional center, in appropriate circumstances.

OUTLINE

FORMS A

Complete this section If you are <u>not</u> using an IPG (Illinois Procurement Gateway) Registration #

	Part
Business and Directory Information	1.
Illinois Department of Human Rights Public Contracts Number	2.
Authorized to Transact Business or Conduct Affairs in Illinois	3.
Standard Certifications	4.
State Board of Elections	5.
Disclosure of Business Operations in Iran	6.
Financial Disclosures and Conflicts of Interest	7.
Taxpayer Identification Number	8.

STATE OF ILLINOIS
BUSINESS AND DIRECTORY INFORMATION

1.1. Name of Business (official name and DBA)

Judlau Contracting, Inc.

1.2. Business Headquarters (address, phone and fax)

26-15 Ulmer Street College Point, NY 11354

718-554-2320

718-661-3761

1.3. If a Division or Subsidiary of another organization provide the name and address of the parent

OHL USA, Inc.

1.4. Billing Address

26-15 Ulmer Street College Point, NY 11354

Click here to enter text.

1.5. Name of Chief Executive Officer

Ashok R. Patel

1.6. Company Web Site Address

www.judlau.com

1.7. Type of Organization (sole proprietor, corporation, etc.--should be same as on Taxpayer ID form below)

Corporation

1.8. Length of time in business

38 years

1.9. Annual Sales for Offeror's most recently completed fiscal year

$ 577,992,576

1.10. Show number of full-time employees, on average, during the most recent fiscal year

233 – Judlau Contracting, Inc. (excluding Union/Field type employees)

1.11. Is your company at least 51% owned and controlled by individuals in one of the following categories? If "Yes," please check the category that applies:

1.11.1. Minority (30 ILCS 575/2(A)(1) & (3)) ☐ Yes

1.11.2. Women (30 ILCS 575/2(A)(2) & (4)) ☐ Yes

1.11.3. Person with Disability (30 ILCS 575/2(A)(2.05) & (2.1)) ☐ Yes

1.11.4. Disadvantaged (49 CFR 26) ☐ Yes

1.11.5. Veteran (30 ILCS 500/45-57) ☐ Yes

STATE OF ILLINOIS
ILLINOIS DEPARTMENT OF HUMAN RIGHTS PUBLIC CONTRACT NUMBER

2.1. If Offeror employed fifteen or more full-time employees at the time of submission of their response to this solicitation or any time during the previous 365-day period leading up to submission, it must have a current IDHR Public Contract Number or have proof of having submitted a completed application for one prior to contract award or prior to bid opening for construction or construction-related services. 775 ILCS 5/2-101. If the Agency cannot confirm compliance, it will not be able to consider a Vendor's bid or offer. Please complete the appropriate sections below:

Name of Company (and DBA): Judlau Contracting, Inc.

☐ (check if applicable) The number is not required as the company has not met or exceeded the number of employees that makes registration necessary under the requirements of the Human Rights Act described above.

IDHR Public Contracts Number: 136582-00 Expiration Date: 2/10/2019.

2.2. If number has not yet been issued, provide the date a completed application for the number was submitted to IDHR: Click here to enter text..

2.3. Upon expiration and until their Contractor Identification Number is renewed, companies will not be eligible to be awarded contracts by the State of Illinois or other jurisdictions that require a current IDHR number as a condition of contract eligibility. 44 ILL. ADM. CODE 750.210(a).

2.4. Numbers issued by the Department of Human Rights (or its predecessor agency, the Illinois Fair Employment Practices Commission) prior to July 1, 1998 are no longer valid. This affects numbers below 89999-00-0. Valid numbers begin with 900000-00-0.

2.5. If Offeror's organization holds an expired number, it must re-register with the Department of Human Rights.

2.6. Offeror may obtain an application form by:

2.6.1. Telephone: Call the IDHR Public Contracts Unit at (312) 814-2431 between Monday and Friday, 8:30 AM - 5:00 PM, CST. (TDD (312) 263-1579).

2.6.2. Internet: You may download the form from the Department of Human Rights' website at *https://www.illinois.gov/dhr/PublicContracts/Pages/default.aspx*.

2.6.3. Mail: Write to the Department of Human Rights, Public Contracts Unit, 100 West Randolph Street, Suite 10-100, Chicago, IL 60601.

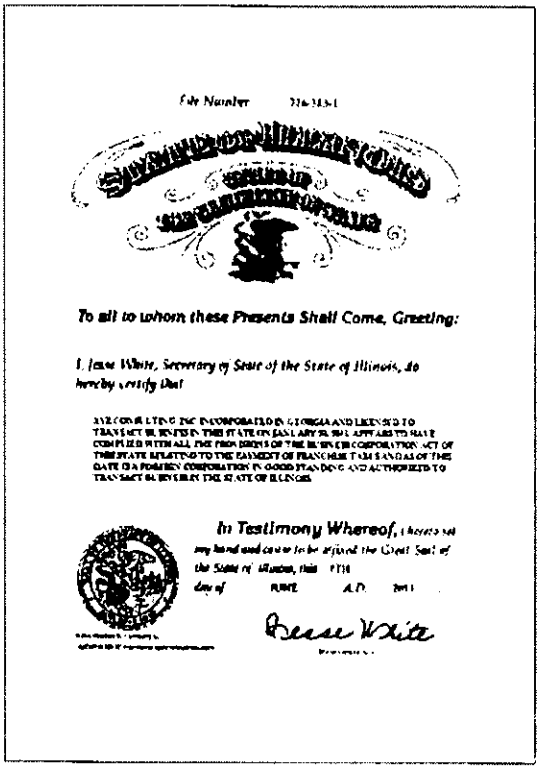
STATE OF ILLINOIS
AUTHORIZED TO TRANSACT BUSINESS OR CONDUCT AFFAIRS IN ILLINOIS

3. A person, other than an individual acting as a sole proprietor, must be a duly constituted legal entity prior to submitting a bid, offer, or proposal. The legal entity must be authorized to transact business or conduct affairs in Illinois prior to execution of the contract. 30 ILCS 500/20-43.

   These requirements do not apply to construction contracts that are subject to the requirements of 30 ILCS 500/30-20 and 30 ILCS 500/33-10. The prequalification requirements of Sections 30-20 and 33-10 shall include the requirement that the bidder be registered with the Illinois Secretary of State.

   Prior to execution of the contract, the State may request evidence from a vendor that certifies it is authorized to transact business or conduct affairs in Illinois. Failure to produce evidence in a timely manner may be considered grounds for determining the Vendor non-responsive or not responsible. For information on registering to transact business or conduct affairs in Illinois, please visit the Illinois Secretary of State's Department of Business Services at their website at (*http://cyberdriveillinois.com/departments/business_services/home.html*) or your home county clerk.

EVIDENCE OF BEING AUTHORIZED TO TRANSACT BUSINESS OR CONDUCT AFFAIRS IN ILLINOIS IS THE SECRETARY OF STATE'S CERTIFICATE OF GOOD STANDING



File Number

To all to whom these Presents Shall Come, Greeting:

I, Jesse White, Secretary of State of the State of Illinois, do hereby certify that

In Testimony Whereof,

File Number 6903-033-5



To all to whom these Presents Shall Come, Greeting:

I, Jesse White, Secretary of State of the State of Illinois, do hereby certify that I am the keeper of the records of the Department of Business Services. I certify that

JUDLAU CONTRACTING, INC., INCORPORATED IN NEW YORK AND LICENSED TO TRANSACT BUSINESS IN THIS STATE ON JULY 17, 2013, APPEARS TO HAVE COMPLIED WITH ALL THE PROVISIONS OF THE BUSINESS CORPORATION ACT OF THIS STATE RELATING TO THE PAYMENT OF FRANCHISE TAXES, AND AS OF THIS DATE, IS A FOREIGN CORPORATION IN GOOD STANDING AND AUTHORIZED TO TRANSACT BUSINESS IN THE STATE OF ILLINOIS.



In Testimony Whereof, *I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois, this* 14TH *day of* AUGUST *A.D.* 2019 .

Authentication #: 1922003160 verifiable until 08/14/2020
Authenticate at: http://www.cyberdriveillinois.com

Jesse White

SECRETARY OF STATE

Vendor acknowledges and agrees that compliance with this subsection in its entirety for the term of the contract and any renewals is a material requirement and condition of this contract. By executing this contract Vendor certifies compliance with this subsection in its entirety, and is under a continuing obligation to remain in compliance and report any non-compliance.

This subsection, in its entirety, applies to subcontractors used on this contract. Vendor shall include these Standard Certifications in any subcontract used in the performance of the contract using the Standard Certification form provided by the State.

If this contract extends over multiple fiscal years, including the initial term and all renewals, Vendor and its subcontractors shall confirm compliance with this section in the manner and format determined by the State by the date specified by the State and in no event later than July 1 of each year that this contract remains in effect.

If the Parties determine that any certification in this section is not applicable to this contract it may be stricken without affecting the remaining subsections.

4.1. As part of each certification, Vendor acknowledges and agrees that should Vendor or its subcontractors provide false information, or fail to be or remain in compliance with the Standard Certification requirements, one or more of the following sanctions will apply:

- the contract may be void by operation of law,
- the State may void the contract, and
- the Vendor and it subcontractors may be subject to one or more of the following: suspension, debarment, denial of payment, civil fine, or criminal penalty.

Identifying a sanction or failing to identify a sanction in relation to any of the specific certifications does not waive imposition of other sanctions or preclude application of sanctions not specifically identified.

4.2. Vendor certifies it and its employees will comply with applicable provisions of the United States Civil Rights Act, Section 504 of the Federal Rehabilitation Act, the Americans with Disabilities Act, and applicable rules in performance of this contract.

4.3. Vendor, if an individual, sole proprietor, partner or an individual as member of a LLC, certifies he/she is not in default on an educational loan. 5 ILCS 385/3.

4.4. Vendor, if an individual, sole proprietor, partner or an individual as member of a LLC, certifies it he/she has not received (i) an early retirement incentive prior to 1993 under Section 14-108.3 or 16-133.3 of the Illinois Pension Code or (ii) an early retirement incentive on or after 2002 under Section 14-108.3 or 16-133.3 of the Illinois Pension Code. 30 ILCS 105/15a; 40 ILCS 5/14-108.3; 40 ILCS 5/16-133.

4.5. Vendor certifies that it is a legal entity authorized to do business in Illinois prior to submission of a bid, offer, or proposal. 30 ILCS 500/1-15.80, 20-43.

4.6. To the extent there was a current Vendor providing the services covered by this contract and the employees of that Vendor who provided those services are covered by a collective bargaining agreement, Vendor certifies (i) that it will offer to assume the collective bargaining obligations of the prior employer, including any existing collective bargaining agreement with the bargaining representative of any existing collective bargaining unit or units performing substantially similar work to the services covered by the contract subject to its bid or offer; and (ii) that it shall offer employment to all employees currently employed in any existing bargaining unit who perform substantially similar work to the work that will be performed pursuant to this contract. This does not apply to heating, air conditioning, plumbing and electrical service contracts. 30 ILCS 500/25-80.

4.7. Vendor certifies it has neither been convicted of bribing or attempting to bribe an officer or employee of the State of Illinois or any other State, nor made an admission of guilt of such conduct that is a matter of record. 30 ILCS 500/50-5.

4.8. If Vendor has been convicted of a felony, Vendor certifies at least five years have passed after the date of completion of the sentence for such felony, unless no person held responsible by a prosecutor's office for the facts upon which the conviction was based continues to have any involvement with the business. 30 ILCS 500/50-10.

4.9. If Vendor or any officer, director, partner, or other managerial agent of Vendor has been convicted of a felony under the Sarbanes-Oxley Act of 2002, or a Class 3 or Class 2 felony under the Illinois Securities Law of 1953, Vendor certifies at least five years have passed since the date of the conviction. Vendor further certifies that it is not barred from being awarded a contract and acknowledges that the State shall declare the contract void if this certification is false. 30 ILCS 500/50-10.5.

4.10. Vendor certifies it is not barred from having a contract with the State based upon violating the prohibitions related to either submitting/writing specifications or providing assistance to an employee of the State of Illinois by reviewing, drafting, directing, or preparing any invitation for bids, a request for proposal, or request of information, or similar assistance (except as part of a public request for such information). 30 ILCS 500/50-10.5(e), *amended* by Pub. Act No. 97-0895 (August 3, 2012).

4.11. Vendor certifies that it and its affiliates are not delinquent in the payment of any debt to the State (or if delinquent has entered into a deferred payment plan to pay the debt), and Vendor and its affiliates acknowledge the State may declare the contract void if this certification is false or if Vendor or an affiliate later becomes delinquent and has not entered into a deferred payment plan to pay off the debt. 30 ILCS 500/50-11, 50-60.

4.12. Vendor certifies that it and all affiliates shall collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with provisions of the Illinois Use Tax Act and acknowledges that failure to comply may result in the contract being declared void. 30 ILCS 500/50-12.

4.13. Vendor certifies that it has not been found by a court or the Pollution Control Board to have committed a willful or knowing violation of the Environmental Protection Act within the last five years, and is therefore not barred from being awarded a contract. 30 ILCS 500/50-14.

4.14. Vendor certifies it has neither paid any money or valuable thing to induce any person to refrain from bidding on a State contract, nor accepted any money or other valuable thing, or acted upon the promise of same, for not bidding on a State contract. 30 ILCS 500/50-25.

4.15. Vendor certifies it is not in violation of the "Revolving Door" provisions of the Illinois Procurement Code. 30 ILCS 500/50-30.

4.16. Vendor certifies that it has not retained a person or entity to attempt to influence the outcome of a procurement decision for compensation contingent in whole or in part upon the decision or procurement. 30 ILCS 500/50-38.

4.17. Vendor certifies that if it has hired a person required to register under the Lobbyist Registration Act to assist in obtaining any State contract, that none of the lobbyist's costs, fees, compensation, reimbursements, or other remuneration were billed to the State. 30 ILCS 500/50-38.

4.18. Vendor certifies it will report to the Illinois Attorney General and the Chief Procurement Officer any suspected collusion or other anti-competitive practice among any bidders, offerors, contractors, proposers, or employees of the State. 30 ILCS 500/50-40, 50-45, 50-50.

4.19. Vendor certifies steel products used or supplied in the performance of a contract for public works shall be manufactured or produced in the United States, unless the executive head of the procuring Agency grants an exception. 30 ILCS 565.

4.20. Drug Free Workplace

4.20.1. If Vendor employs 25 or more employees and this contract is worth more than $5,000, Vendor certifies it will provide a drug free workplace pursuant to the Drug Free Workplace Act.

4.20.2. If Vendor is an individual and this contract is worth more than $5000, Vendor certifies it shall not engage in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance during the performance of the contract. 30 ILCS 580.

4.21. Vendor certifies that neither Vendor nor any substantially owned affiliate is participating or shall participate in an international boycott in violation of the U.S. Export Administration Act of 1979 or the applicable regulations of the United States. Department of Commerce. 30 ILCS 582.

4.22. Vendor certifies it has not been convicted of the offense of bid rigging or bid rotating or any similar offense of any state or of the United States. 720 ILCS 5/33 E-3, E-4.

4.23. Vendor certifies it complies with the Illinois Department of Human Rights Act and rules applicable to public contracts, which include providing equal employment opportunity, refraining from unlawful discrimination, and having written sexual harassment policies. 775 ILCS 5/2-105.

4.24. Vendor certifies it does not pay dues to or reimburse or subsidize payments by its employees for any dues or fees to any "discriminatory club." 775 ILCS 25/2.

4.25. Vendor certifies that no foreign-made equipment, materials, or supplies furnished to the State under the contract have been or will be produced in whole or in part by forced labor or indentured labor under penal sanction. 30 ILCS 583.

4.26. Vendor certifies that no foreign-made equipment, materials, or supplies furnished to the State under the contract have been produced in whole or in part by the labor of any child under the age of 12. 30 ILCS 584.

4.27. Vendor certifies that any violation of the Lead Poisoning Prevention Act, as it applies to owners of residential buildings, has been mitigated. 410 ILCS 45.

4.28. Vendor warrants and certifies that it and, to the best of its knowledge, its subcontractors have and will comply with Executive Order No. 1 (2007). The Order generally prohibits Vendors and subcontractors from hiring the then-serving Governor's family members to lobby procurement activities of the State, or any other unit of government in Illinois including local governments if that procurement may result in a contract valued at over $25,000. This prohibition also applies to hiring for that same purpose any former State employee who had procurement authority at any time during the one-year period preceding the procurement lobbying activity.

4.29. Vendor certifies that information technology, including electronic information, software, systems and equipment, developed or provided under this contract comply with the applicable requirements of the Illinois Information Technology Accessibility Act Standards as published at (www.dhs.state.il.us/iitaa) 30 ILCS 587.

4.30. Vendor certifies that it has read, understands, and is in compliance with the registration requirements of the Elections Code (10 ILCS 5/9-35) and the restrictions on making political contributions and related requirements of the Illinois Procurement Code. 30 ILCS 500/20-160 and 50-37. Vendor will not make a political contribution that will violate these requirements.

In accordance with section 20-160 of the Illinois Procurement Code, Vendor certifies as applicable:

☐ Vendor is not required to register as a business entity with the State Board of Elections.

or

☒ Vendor has registered with the State Board of Elections. As a registered business entity, Vendor acknowledges a continuing duty to update the registration as required by the Act.

4.31. Vendor certifies that if it is awarded a contract through the use of the preference required by the Procurement of Domestic Products Act, then it shall provide products pursuant to the contract or a subcontract that are manufactured in the United States. 30 ILCS 517.

4.32. For contracts other than construction contracts subject to the requirements of 30 ILCS 500/30-20 and 30 ILCS 500/33-10, a person (other than an individual acting as a sole proprietor) must be a duly constituted legal entity to qualify as a bidder or offeror prior to submitting a bid, offer, or proposal. 30 ILCS 500/20-43. Vendor certifies that it is a legal entity as of the date for submitting this bid, offer, or proposal.

4.33. Vendor certifies that, for the duration of this contract it will:

- post its employment vacancies in Illinois and border states on the Department of Employment Security's IllinoisJobLink.com website or its successor system; or
- will provide an online link to these employment vacancies so that this link is accessible through the IllinoisJobLink.com website it successor system; or
- is exempt from 20 ILCS 1005/1005-47 because the contract is for construction-related services as that term is defined in section 1-15.20 of the Procurement Code; or the contract is for construction and vendor is a party to a contract with a bona fide labor organization and performs construction. (20 ILCS 1005/1005-47).

Certificate of Registration

STATE BOARD OF ELECTIONS

Registration No. 26817

Judlau Contracting, Inc.

26-15 Ulmer Street

College Point NY 11354

Information for this business last updated on:

Tuesday, May 28, 2019

Certificate produced on Tuesday, May 28, 2019 at 8:45 AM

Registered Business

5. Section 50-37 of the Illinois Procurement Code prohibits political contributions of certain vendors, bidders and offerors. Additionally, section 9-35 of the Illinois Election Code governs provisions relating to reporting and making contributions to state officeholders, declared candidates for State offices and covered political organizations that promote the candidacy of an officeholder or declared candidate for office. The State may declare any resultant contract void if these Acts are violated.

Generally, if a vendor, bidder, or offeror is an entity doing business for profit (i.e. sole proprietorship, partnership, corporation, limited liability company or partnership, or otherwise) and has contracts with State agencies that annually total more than $50,000 or whose aggregate pending bids or proposals and current State contracts that total more than $50,000, the vendor, bidder, or offeror is prohibited from making political contributions and must register with the State Board of Elections. 30 ILCS 500/20-160.

EVIDENCE OF REGISTRATION WITH THE STATE BOARD OF ELECTIONS IS THE CERTIFICATE OF REGISTRATION



Certificate of Registration

[redacted]

Registration No. 138

ABC Corporation
123 Main Street
Anywhere, IL USA 62707

Information for this business last updated on
Wednesday, October 13, 2010

Certificate printed on this morning, October 13, 2010 at 10:20 PM

STATE OF ILLINOIS
DISCLOSURE OF BUSINESS OPERATIONS WITH IRAN

6. In accordance with 30 ILCS 500/50-36, each bid, offer, or proposal submitted for a State contract, other than a small purchase defined in Section 20-20 of the Illinois Procurement Code, will include a disclosure of whether or not the bidder, offeror, or proposing entity, or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid, offer, or proposal had business operations that involved contracts with or provision of supplies or services to the Government of Iran, companies in which the Government of Iran has any direct or indirect equity share, consortiums or projects commissioned by the Government of Iran and:

   - more than 10% of the company's revenues produced in or assets located in Iran involve oil-related activities or mineral-extraction activities; less than 75% of the company's revenues produced in or assets located in Iran involve contracts with or provision of oil-related or mineral – extraction products or services to the Government of Iran or a project or consortium created exclusively by that Government; and the company has failed to take substantial action; or

   - the company has, on or after August 5, 1996, made an investment of $20 million or more, or any combination of investments of at least $10 million each that in the aggregate equals or exceeds $20 million in any 12- month period that directly or significantly contributes to the enhancement of Iran's ability to develop petroleum resources of Iran.

A bid or offer that does not include this disclosure may be given a period after the bid or offer is submitted to cure non-disclosure. A chief procurement officer may consider the disclosure when evaluating the bid or offer or awarding the contract.

☒ There are no business operations that must be disclosed to comply with the above cited law.

☐ The following business operations are disclosed to comply with the above cited law:

Click here to enter text.

STATE OF ILLINOIS
FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST

The Financial Disclosures and Conflicts of Interest form ("form") must be accurately completed and submitted by the vendor, parent entity(ies), and subcontractors. There are **nine** steps to this form and each must be completed as instructed in the step heading and within the step. A bid or offer that does not include this form shall be considered non-responsive. The Agency will consider this form when evaluating the bid or offer or awarding the contract.

The requirement of disclosure of financial interests and conflicts of interest is a continuing obligation. If circumstances change and the disclosure is no longer accurate, then disclosing entities must provide an updated form.

Separate forms are required for the vendor, parent entity(ies), and subcontractors.

This disclosure is submitted for:

☒ Vendor

☐ Vendor's Parent Entity(ies) (100% ownership)

☐ Subcontractor(s) >$50,000 (annual value)

☐ Subcontractor's Parent Entity(ies) (100% ownership) > $50,000 (annual value)

Project Name	I-57 Widening at I-294 Interchange
Illinois Procurement Bulletin Number	Click here to enter text.
Contract Number	I-19-4464
Vendor Name	Judlau Contracting, Inc.
Doing Business As (DBA)	OHL North America
Disclosing Entity	Judlau Contracting, Inc.
Disclosing Entity's Parent Entity	OHL USA, Inc.
Subcontractor	NONE
Instrument of Ownership or Beneficial Interest	Corporate Stock (C-Corporation, S-Corporation, Professional Corporation, Service Corporation) ☒ If you selected Other, please describe: Click here to enter text.

STEP 1
SUPPORTING DOCUMENTATION SUBMITTAL

(All vendors complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

You must select one of the six options below and select the documentation you are submitting. You must provide the documentation that the applicable section requires with this form.

☐ Option 1 – Publicly Traded Entities

1.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

1.B. ☐ Attach a copy of the Federal 10-K or provide a web address of an electronic copy of the Federal 10-K, and skip to Step 3.

☐ Option 2 – Privately Held Entities with more than 100 Shareholders

2.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

2.B. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership share in excess of 5% and attach the information Federal 10-K reporting companies are required to report under 17 CFR 229.401.

☒ Option 3 – All other Privately Held Entities, not including Sole Proprietorships

3.A. ☒ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

☐ Option 4 – Foreign Entities

4.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

4.B. ☐ Attach a copy of the Securities Exchange Commission Form 20-F or 40-F and skip to Step 3.

☐ Option 5 – Not-for-Profit Entities

☐ Complete Step 2, Option B.

☐ Option 6 – Sole Proprietorships

☐ Skip to Step 3.

STEP 2
DISCLOSURE OF FINANCIAL INTEREST OR BOARD OF DIRECTORS

(All vendors, except sole proprietorships, must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Complete **either** Option A (for all entities other than not-for-profits) or Option B (for not-for-profits). Additional rows may be inserted into the tables or an attachment may be provided if needed.

OPTION A – Ownership Share and Distributive Income

Ownership Share – If you selected Option 1.A., 2.A., 2.B., 3.A., or 4.A. in Step 1, provide the name and address of each individual or entity and their percentage of ownership if said percentage exceeds 5%, or the dollar value of their ownership if said dollar value exceeds $106,447.20.

☐ Check here if including an attachment with requested information in a format substantially similar to the format below.

TABLE – X

Name	Address	Percentage of Ownership	$ Value of Ownership
OHL USA, Inc..	26-15 Ulmer St., College Point, NY 11354	100%	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Distributive Income – If you selected Option 1.A., 2.A., 3.A., or 4.A. in Step 1, provide the name and address of each individual or entity and their percentage of the disclosing vendor's total distributive income if said percentage exceeds 5% of the total distributive income of the disclosing entity, or the dollar value of their distributive income if said dollar value exceeds $106,447.20.

☐ Check here if including an attachment with requested information in a format substantially similar to the format below.

TABLE – Y

Name	Address	% of Distributive Income	$ Value of Distributive Income
OHL USA, Inc..	26-15 Ulmer St., College Point, NY 11354	100%	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Please certify that the following statements are true.

I have disclosed all individuals or entities that hold an ownership interest of greater than 5% or greater than $106,447.20.

☒ Yes ☐ No

I have disclosed all individuals or entities that were entitled to receive distributive income in an amount greater than $106,447.20 or greater than 5% of the total distributive income of the disclosing entity.

☒ Yes ☐ No

OPTION B – Disclosure of Board of Directors (Not-for-Profits)

If you selected Option 5 in Step 1, list members of your board of directors. Please include an attachment if necessary.

TABLE – Z

Name	Address
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.

STEP 3
DISCLOSURE OF LOBBYIST OR AGENT

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

☐ Yes ☒ No. Is your company represented by or do you employ a lobbyist required to register under the Lobbyist Registration Act (lobbyist must be registered pursuant to the Act with the Secretary of State) or other agent who is not identified through Step 2, Option A above and who has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer? If yes, please identify each lobbyist and agent, including the name and address below.

If you have a lobbyist that does not meet the criteria, then you do not have to disclose the lobbyist's information.

Name	Address	Relationship to Disclosing Entity
Click here to enter text.	Click here to enter text.	Click here to enter text.

Describe all costs/fees/compensation/reimbursements related to the assistance provided by each representative lobbyist or other agent to obtain this Agency contract: Click here to enter text.

STEP 4
PROHIBITED CONFLICTS OF INTEREST

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Step 4 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above. Please provide the name of the person for which responses are provided: Click here to enter text.

1. Do you hold or are you the spouse or minor child who holds an elective office in the State of Illinois or hold a seat in the General Assembly? ☐ Yes ☐ No
2. Have you, your spouse, or minor child been appointed to or employed in any offices or agencies of State government and receive compensation for such employment in excess of 60% ($106,447.20) of the salary of the Governor? ☐ Yes ☐ No
3. Are you or are you the spouse or minor child of an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority? ☐ Yes ☐ No
4. Have you, your spouse, or an immediate family member who lives in your residence currently or who lived in your residence within the last 12 months been appointed as a member of a board, commission, authority, or task force authorized or created by State law or by executive order of the Governor? ☐ Yes ☐ No
5. If you answered yes to any question in 1-4 above, please answer the following: Do you, your spouse, or minor child receive from the vendor more than 7.5% of the vendor's total distributable income or an amount of distributable income in excess of the salary of the Governor ($177,412.00)? ☐ Yes ☐ No
6. If you answered yes to any question in 1-4 above, please answer the following: Is there a combined interest of self with spouse or minor child more than 15% in the aggregate of the vendor's distributable income or an amount of distributable income in excess of two times the salary of the Governor ($354,824.00)? ☐ Yes ☐ No

STEP 5
POTENTIAL CONFLICTS OF INTEREST RELATING TO PERSONAL RELATIONSHIPS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Step 5 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above.

Please provide the name of the person for which responses are provided: Click here to enter text.

1. Do you currently have, or in the previous 3 years have you had State employment, including contractual employment of services? ☐ Yes ☐ No
2. Has your spouse, father, mother, son, or daughter, had State employment, including contractual employment for services, in the previous 2 years? ☐ Yes ☐ No

3. Do you hold currently or have you held in the previous 3 years elective office of the State of Illinois, the government of the United States, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois? ☐ Yes ☐ No

4. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding elective office currently or in the previous 2 years? ☐ Yes ☐ No

5. Do you hold or have you held in the previous 3 years any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of expenses incurred in the discharge of that office? ☐ Yes ☐ No

6. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding appointive office currently or in the previous 2 years? ☐ Yes ☐ No

7. Do you currently have or in the previous 3 years had employment as or by any registered lobbyist of the State government? ☐ Yes ☐ No

8. Do you currently have or in the previous 2 years had a relationship to anyone (spouse, father, mother, son, or daughter) that is or was a registered lobbyist? ☐ Yes ☐ No

9. Do you currently have or in the previous 3 years had compensated employment by any registered election or re-election committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections? ☐ Yes ☐ No

10. Do you currently have or in the previous 2 years had a relationship to anyone (spouse, father, mother, son, or daughter) who is or was a compensated employee of any registered election or reelection committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections? ☐ Yes ☐ No

STEP 6
EXPLANATION OF AFFIRMATIVE RESPONSES

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

If you answered "Yes" in Step 4 or Step 5, please provide on an additional page a detailed explanation that includes, but is not limited to the name, salary, State agency or university, and position title of each individual.

STEP 7
POTENTIAL CONFLICTS OF INTEREST RELATING TO DEBARMENT & LEGAL PROCEEDINGS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

This step must be completed for each person disclosed in Step 2, Option A, Step 3, and for each entity and sole proprietor disclosed in Step 1.

Please provide the name of the person or entity for which responses are provided: Judlau Contracting, Inc.

1. Within the previous ten years, have you had debarment from contracting with any governmental entity? ☐ Yes ☒ No
2. Within the previous ten years, have you had any professional licensure discipline? ☐ Yes ☒ No
3. Within the previous ten years, have you had any bankruptcies? ☐ Yes ☒ No
4. Within the previous ten years, have you had any adverse civil judgments and administrative findings? ☒ Yes ☐ No
5. Within the previous ten years, have you had any criminal felony convictions? ☐ Yes ☒ No

If you answered "Yes", please provide a detailed explanation that includes, but is not limited to the name, State agency or university, and position title of each individual. Please see attached

STEP 8
DISCLOSURE OF CURRENT AND PENDING CONTRACTS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

If you selected Option 1, 2, 3, 4, or 6 in Step 1, do you have any contracts, pending contracts, bids, proposals, subcontracts, leases or other ongoing procurement relat+ionships with units of State of Illinois government?

☒ Yes ☐ No.

If "Yes", please specify below. Additional rows may be inserted into the table or an attachment may be provided if needed.

FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST

Agency/University	Project Title	Status	Value	Contract Reference/P.O./Illinois Procurement Bulletin #
Illinois Tollway	Road & Bridge Recon. Elgin O'Hare Western Access Tollway Elgin Expressway (IL RTE 390) @ I-290 Interchange Mile Post 12.0 to Milepost 12.9	Awarded Project	$63,973,528.97	Contract # I-13-4607 Bulletin# 22033507
IDOT	Will County Section 536-R-1	Awarded Project	$57,095,577	Contract 60L71
IDOT	Cook County Section 2010-081-R	Awarded Project	$47,244,971.22	Contract 60L72
Illinois Tollway	Inside Roadway and Bridge Reconstruction, Jane Addams Memorial Tollway (I-90) from MP 73.3 (Oakton Street) to MP 76.5 (Mannheim Road) WB and from MP 73.3 (Oakton Street) to MP 76.5 (Mannheim Road) EB	Awarded Project	$58,504,152.93	Contract # I-15-4237 Bulletin # 22036788
Illinois Tollway	SB Roadway Widening Veterens Memorial Tollway (I-355)	Awarded Project	$6,695,100.86	Contract # I-13-5663 Bulletin # 22037664
MWRD	Streambank Stabilization on Oak Lawn Creek, Calumet-Sag Channel Watershed, Oak Lawn, Illinois	Awarded Project	$3,035,000.00	Contract # 10-237-3F
City of Chicago	Central Deicing Facility-Mass Grading	Awarded Project	$45,774,781.28	Contract # 56322 Specification# 287910
METRA	Up North Line 11 Bridges Addison to Balmoral	Awarded Project	$17,235,000.00	Contract # R39226
IDOT	IDOT 19 WM Relocation and Retaining Wall 90-94 by UIC	Awarded Project	$19,378,919.74	Contract # 62A74
IDOT	IDOT Item 104 – Fox River Pedestrian Bridge Aurora, IL	Awarded Project	$14,271,674.33	Contract #61E18
Illinois Tollway	RR-17-4687 I-490 Advanced Earthwork and Retaining Walls Ramp G5 Pavement Repairs	Awarded Project	$7,061,001.39	Contract RR-17-4687
IDOT	IDOT Item 117 – I-55 at Weber Road Interchange Reconstruction	Awarded Project	$47,970,125.23	Contract 60X10
Illinois Tollway	I-18-4391 Roadway Rehabilitation and Widening Tri State Tollway (I-294) Mile Post 19.1 to Mile Post 19.7	Awarded Project	$12,206,238.24	Contract I-18-4391
Illinois Tollway	I-17-4683 IL390 Roadway and Bridge Construction IL 83 to York Road	Awarded Project	$38,317,884.22	Contract I-17-4683
IDOT	IDOT Item 3 Jane Byrne Interchange Bridge Reconstruction	Awarded Project	$ 37,587,819.09	Contract 60X79
Illinois Tollway	I-18-4446 I-294 Retaining Wall Construction, Grading and Shoulder Rehabilitation	Awarded Project	$12,387,495.41	Contract I-18-4446

Please explain the procurement relationship: Vendor

STATE OF ILLINOIS
FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST

The Financial Disclosures and Conflicts of Interest form ("form") must be accurately completed and submitted by the vendor, parent entity(ies), and subcontractors. There are **nine** steps to this form and each must be completed as instructed in the step heading and within the step. A bid or offer that does not include this form shall be considered non-responsive. The Agency will consider this form when evaluating the bid or offer or awarding the contract.

The requirement of disclosure of financial interests and conflicts of interest is a continuing obligation. If circumstances change and the disclosure is no longer accurate, then disclosing entities must provide an updated form.

Separate forms are required for the vendor, parent entity(ies), and subcontractors.

This disclosure is submitted for:

☐ Vendor

☒ Vendor's Parent Entity(ies) (100% ownership) **OHL USA, Inc. owns 100% of Vendor.**

☐ Subcontractor(s) >$50,000 (annual value)

☐ Subcontractor's Parent Entity(ies) (100% ownership) > $50,000 (annual value)

Project Name	I-57 Widening at I-294 Interchange
Illinois Procurement Bulletin Number	Click here to enter text.
Contract Number	I-19-4464
Vendor Name	Judlau Contracting, Inc.
Doing Business As (DBA)	OHL North America
Disclosing Entity	OHL USA, Inc.
Disclosing Entity's Parent Entity	Obrascon Huarte Lain Construccion Internacional, S.L.
Subcontractor	NONE
Instrument of Ownership or Beneficial Interest	Corporate Stock (C-Corporation, S-Corporation, Professional Corporation, Service Corporation) ☒ If you selected Other, please describe: Click here to enter text.

STEP 1
SUPPORTING DOCUMENTATION SUBMITTAL

(All vendors complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

You must select one of the six options below and select the documentation you are submitting. You must provide the documentation that the applicable section requires with this form.

☐ Option 1 – Publicly Traded Entities

1.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

1.B. ☐ Attach a copy of the Federal 10-K or provide a web address of an electronic copy of the Federal 10-K, and skip to Step 3.

☐ Option 2 – Privately Held Entities with more than 100 Shareholders

2.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

2.B. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership share in excess of 5% and attach the information Federal 10-K reporting companies are required to report under 17 CFR 229.401.

☒ Option 3 – All other Privately Held Entities, not including Sole Proprietorships

3.A. ☒ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

☐ Option 4 – Foreign Entities

4.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

4.B. ☐ Attach a copy of the Securities Exchange Commission Form 20-F or 40-F and skip to Step 3.

☐ Option 5 – Not-for-Profit Entities

☐ Complete Step 2, Option B.

☐ Option 6 – Sole Proprietorships

☐ Skip to Step 3.

STEP 2
DISCLOSURE OF FINANCIAL INTEREST OR BOARD OF DIRECTORS

(All vendors, except sole proprietorships, must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Complete either Option A (for all entities other than not-for-profits) or Option B (for not-for-profits). Additional rows may be inserted into the tables or an attachment may be provided if needed.

OPTION A – Ownership Share and Distributive Income

Ownership Share – If you selected Option 1.A., 2.A., 2.B., 3.A., or 4.A. in Step 1, provide the name and address of each individual or entity and their percentage of ownership if said percentage exceeds 5%, or the dollar value of their ownership if said dollar value exceeds $106,447.20.

☐ **Check here if including an attachment with requested information in a format substantially similar to the format below.**

TABLE – X

Name	Address	Percentage of Ownership	$ Value of Ownership
Obrascon Huarte Lain Construccion Internacional, S.L.	Paseo de la Castellana 259-D, Torre Espacio Madrid, Spain 28046	100%	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Distributive Income – If you selected Option 1.A., 2.A., 3.A., or 4.A. in Step 1, provide the name and address of each individual or entity and their percentage of the disclosing vendor's total distributive income if said percentage exceeds 5% of the total distributive income of the disclosing entity, or the dollar value of their distributive income if said dollar value exceeds $106,447.20.

☐ **Check here if including an attachment with requested information in a format substantially similar to the format below.**

TABLE – Y

Name	Address	% of Distributive Income	$ Value of Distributive Income
Obrascon Huarte Lain Construccion Internacional, S.L.	Paseo de la Castellana 259-D, Torre Espacio Madrid, Spain 28046	100%	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Please certify that the following statements are true.

I have disclosed all individuals or entities that hold an ownership interest of greater than 5% or greater than $106,447.20.

☒ Yes ☐ No

I have disclosed all individuals or entities that were entitled to receive distributive income in an amount greater than $106,447.20 or greater than 5% of the total distributive income of the disclosing entity.

☒ Yes ☐ No

OPTION B – Disclosure of Board of Directors (Not-for-Profits)

If you selected Option 5 in Step 1, list members of your board of directors. Please include an attachment if necessary.

TABLE – Z

Name	Address
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.

STEP 3
DISCLOSURE OF LOBBYIST OR AGENT

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

☐ Yes ☒ No. Is your company represented by or do you employ a lobbyist required to register under the Lobbyist Registration Act (lobbyist must be registered pursuant to the Act with the Secretary of State) or other agent who is not identified through Step 2, Option A above and who has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer? If yes, please identify each lobbyist and agent, including the name and address below.

If you have a lobbyist that does not meet the criteria, then you do not have to disclose the lobbyist's information.

Name	Address	Relationship to Disclosing Entity
Click here to enter text.	Click here to enter text.	Click here to enter text.

Describe all costs/fees/compensation/reimbursements related to the assistance provided by each representative lobbyist or other agent to obtain this Agency contract: Click here to enter text.

STEP 4
PROHIBITED CONFLICTS OF INTEREST

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Step 4 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above. Please provide the name of the person for which responses are provided: Click here to enter text.

1. **Do you hold or are you the spouse or minor child who holds an elective office in the State of Illinois or hold a seat in the General Assembly?** ☐ Yes ☐ No
2. **Have you, your spouse, or minor child been appointed to or employed in any offices or agencies of State government and receive compensation for such employment in excess of 60% ($106,447.20) of the salary of the Governor?** ☐ Yes ☐ No
3. **Are you or are you the spouse or minor child of an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority?** ☐ Yes ☐ No
4. **Have you, your spouse, or an immediate family member who lives in your residence currently or who lived in your residence within the last 12 months been appointed as a member of a board, commission, authority, or task force authorized or created by State law or by executive order of the Governor?** ☐ Yes ☐ No
5. **If you answered yes to any question in 1-4 above, please answer the following: Do you, your spouse, or minor child receive from the vendor more than 7.5% of the vendor's total distributable income or an amount of distributable income in excess of the salary of the Governor ($177,412.00)?** ☐ Yes ☐ No
6. **If you answered yes to any question in 1-4 above, please answer the following: Is there a combined interest of self with spouse or minor child more than 15% in the aggregate of the vendor's distributable income or an amount of distributable income in excess of two times the salary of the Governor ($354,824.00)?** ☐ Yes ☐ No

STEP 5
POTENTIAL CONFLICTS OF INTEREST RELATING TO PERSONAL RELATIONSHIPS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Step 5 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above.

Please provide the name of the person for which responses are provided: Click here to enter text.

1. **Do you currently have, or in the previous 3 years have you had State employment, including contractual employment of services?** ☐ Yes ☐ No
2. **Has your spouse, father, mother, son, or daughter, had State employment, including contractual employment for services, in the previous 2 years?** ☐ Yes ☐ No

3. Do you hold currently or have you held in the previous 3 years elective office of the State of Illinois, the government of the United States, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois? ☐ Yes ☐ No

4. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding elective office currently or in the previous 2 years? ☐ Yes ☐ No

5. Do you hold or have you held in the previous 3 years any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of expenses incurred in the discharge of that office? ☐ Yes ☐ No

6. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding appointive office currently or in the previous 2 years? ☐ Yes ☐ No

7. Do you currently have or in the previous 3 years had employment as or by any registered lobbyist of the State government? ☐ Yes ☐ No

8. Do you currently have or in the previous 2 years had a relationship to anyone (spouse, father, mother, son, or daughter) that is or was a registered lobbyist? ☐ Yes ☐ No

9. Do you currently have or in the previous 3 years had compensated employment by any registered election or re-election committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections? ☐ Yes ☐ No

10. Do you currently have or in the previous 2 years had a relationship to anyone (spouse, father, mother, son, or daughter) who is or was a compensated employee of any registered election or reelection committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections? ☐ Yes ☐ No

STEP 6
EXPLANATION OF AFFIRMATIVE RESPONSES

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

If you answered "Yes" in Step 4 or Step 5, please provide on an additional page a detailed explanation that includes, but is not limited to the name, salary, State agency or university, and position title of each individual.

STEP 7
POTENTIAL CONFLICTS OF INTEREST RELATING TO DEBARMENT & LEGAL PROCEEDINGS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

This step must be completed for each person disclosed in Step 2, Option A, Step 3, and for each entity and sole proprietor disclosed in Step 1.

Please provide the name of the person or entity for which responses are provided: OHL USA, Inc.

1. **Within the previous ten years, have you had debarment from contracting with any governmental entity?** ☐ Yes ☒ No
2. **Within the previous ten years, have you had any professional licensure discipline?** ☐ Yes ☒ No
3. **Within the previous ten years, have you had any bankruptcies?** ☐ Yes ☒ No
4. **Within the previous ten years, have you had any adverse civil judgments and administrative findings?** ☒ Yes ☐ No
5. **Within the previous ten years, have you had any criminal felony convictions?** ☐ Yes ☒ No

If you answered "Yes", please provide a detailed explanation that includes, but is not limited to the name, State agency or university, and position title of each individual. Please see attached

STEP 8
DISCLOSURE OF CURRENT AND PENDING CONTRACTS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

If you selected Option 1, 2, 3, 4, or 6 in Step 1, do you have any contracts, pending contracts, bids, proposals, subcontracts, leases or other ongoing procurement relat+ionships with units of State of Illinois government?

☐ Yes ☒ No.

If "Yes", please specify below. Additional rows may be inserted into the table or an attachment may be provided if needed.

Agency	Project Title	Status	Value	Contract Reference/P.O./Illinois Procurement Bulletin #
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Please explain the procurement relationship: Click here to enter text.

STEP 9
SIGN THE DISCLOSURE

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

This disclosure is signed, and made under penalty of perjury for all for-profit entities, by an authorized officer or employee on behalf of the bidder or offeror pursuant to Sections 50-13 and 50-35 of the Illinois Procurement Code. This disclosure information is submitted on behalf of:

Name of Disclosing Entity: OHL USA, Inc.

Signature: [redacted]

Date: 11-8-2019

Printed Name: Cesar F. Pereira

Title: Secretary

Phone Number: (718)554-2320

Email Address: cesar.pereira@ohlna.com

STEP 9
SIGN THE DISCLOSURE

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

This disclosure is signed, and made under penalty of perjury for all for-profit entities, by an authorized officer or employee on behalf of the bidder or offeror pursuant to Sections 50-13 and 50-35 of the Illinois Procurement Code. This disclosure information is submitted on behalf of:

Name of Disclosing Entity: Judlau Contracting, Inc.

Signature: [redacted]

Date: 11/8/19

Printed Name: Cesar Pereira

Title: General Counsel, Vice President and Secretary

Phone Number: 718-554-2320

Email Address: cesar.pereira@ohlna.com

STEP 7, NUMBER 4:

In April 2012, Judlau Contracting, Inc. and its joint venture partner Dragados USA, Inc. executed a settlement of a civil false claims complaint filed by the US Attorney's Office for the Southern District of New York. The allegations in the complaint arose from a compliance audit performed by the joint venture that uncovered certain issues with DBE credits that the joint venture had taken on a project for the Metropolitan Transportation Authority. The joint venture self-reported the issues uncovered by the audit to the MTA. A copy of the Stipulation and Order of Dismissal is enclosed.

Step 7, Question 4's Supporting Documents.

UNITED STATES
DEPARTMENT OF LABOR

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Inspection Detail

Quick Link Reference

1387834.015 | 1177080.015 | 1120912.015

Case Status: OPEN

Notice: The following inspection has not been indicated as closed. Please be aware that the information shown may change, e.g. violations may be added or deleted. For open cases, in which a citation has been issued, the citation information may not be available for 3 days following receipt by the employer for Federal inspections or for 30 days following receipt by the employer for State inspections.

Inspection: 1387834.015 - Chi Use

Inspection Information - Officer Co Santa Ana District Office

Nr: 1387834.015	Report ID: 0950830	Open Date: 03/18/2019	
Chi Use 326 S. State College Blvd. Anaheim, CA 92806		Union Status: Union	
SIC: NAICS: 541330/Engineering Services Mailing: 1920 Main Street, Suite 300, Irvine, CA 92614			
Inspection Type:	Complaint		
Scope:	Partial	Advanced Notice:	N
Ownership:	Private		
Safety/Health:	Safety	Close Conference:	04/10/2019
		Close Case:	

Related Activity:	Type	ID	Safety	Health
	Complaint	1436885	Yes	

Case Status: OPEN

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations				2		2
Current Violations				2		2
Initial Penalty	$0	$0	$0	$935	$0	$935
Current Penalty	$0	$0	$0	$675	$0	$675
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Fta$	Contest	LastEvent
1.	01001	Other	341(C)(2)(B)	04/10/2019	08/24/2019	$225	$375	$0	07/17/2019	

2. 01883 Other 1512(C) 06/19/2019 $450 $500 $0 07/17/2019

Case Status: CLOSED

Inspection: 1177858.015 - Old Use Inc

Inspection Information - Office: Ca Fresno

Nr: 1177858.015 Report ID: 0950625 Open Date: 09/07/2016

Old Use Inc
300 Owens Lake
Lone Pine, CA 93545
SIC:
NAICS: 236220/Commercial and Institutional Building Construction
Mailing: 1920 Main Street, #310, Irvine, CA 92614

Inspection Type: Unprog Rel
Scope: Complete
Ownership: Private
Safety/Health: Health

Union Status: Union

Advanced Notice: N

Close Conference: 12/20/2016
Close Case: 04/03/2017

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations				3		3
Current Violations				3		3
Initial Penalty	$0	$0	$0	$2,385	$0	$2,385
Current Penalty	$0	$0	$0	$1,535	$0	$1,535
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Fta$	Contest	LastEvent
1.	01883	Other	1527(A)	12/22/2016	01/17/2017	$875	$1,125	$0		I - Informal Settlement
2.	01883	Other	3203(B)(2)	12/22/2016	01/17/2017	$300	$325	$0		I - Informal Settlement
3.	01883	Other	3395(I)	12/22/2016	01/17/2017	$360	$935	$0		I - Informal Settlement

Case Status: CLOSED

Inspection: 1120912.015 - Old Use, Inc.

Inspection Information - Office: Houston North

Nr: 1120912.015 Report ID: 0928660 Open Date: 01/27/2016

Old Use, Inc.
12380 Rte Freeway Hwy 290
Houston, TX 77092
SIC:
NAICS: 237310/ Highway, Street, and Bridge Construction
Mailing: 4020 South Industrial Drive Suite 260 , Austin, TX 78744

Inspection Type: Fat/Cat
Scope: Partial
Ownership: Private
Safety/Health: Safety
Emphasis: L:Workpace

Union Status: NonUnion

Advanced Notice: N

Close Conference: 01/27/2016
Close Case: 11/07/2016

Related Activity: Type ID Safety Health

Accident 05/7/01

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations	2					2
Current Violations				1		1
Initial Penalty	$14,000	$0	$0	$0	$0	$14,000
Current Penalty	$0	$0	$0	$7,000	$0	$7,000
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

	#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Fin$	Contest	LastEvent
Delete	1	01001	Serious	19260402 A09 N	03/07/2016	03/31/2016	$0	$7,000	$0		I - Informal Settlement
	2	02001	Other	19260021 B02	07/07/2016	09/14/2016	$7,000	$7,000	$0		I - Informal Settlement

Accident Investigation Summary

Summary Nr: 02587.015 Event: 01/26/2016 Employee Is Struck And Killed By A Dump Truck

At 12:30 p.m. on January 26, 2016, four employees were walking and surveying a highway lane widening project. One of the employees knelt down to write on a notepad. A dump truck which was backing into the area to unload sand, backed over the kneeling employee. The employee was killed by his injuries.

Keywords: dump truck, run over

	Inspection	Degree	Nature	Occupation
1	112912.015	Fatality	Other	Civil Engineer

Occupational Safety and Health Administration
200 Constitution Ave NW
Washington, DC 20210
1-800-321-6742 (OSHA)
TTY
www.OSHA.gov

FEDERAL GOVERNMENT

White House
Severe Storm and Flood Recovery Assistance
Disaster Recovery Assistance
DisasterAssistance.gov
USA.gov
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U.S. Office of Special Counsel

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Inspection Detail

Quick Link Reference

1387834.015 | 1177059.015 | 1120912.015

Case Status: OPEN

Note: The following inspection has not been indicated as closed. Please be aware that the information shown may change, e.g. violations may be added or deleted. For open cases, in which a citation has been issued, the citation information may not be available for 5 days following receipt by the employer for Federal inspections or for 30 days following receipt by the employer for State inspections.

Inspection: 1387834.015 - Ohl Usa

Inspection Information - Office: Ca Santa Ana District Office

Nr: 1387834.015	Report ID: 0950431	Open Date: 03/18/2019	
Ohl Usa 526 S. State College Blvd. Anaheim, CA 92806		Union Status: Union	
SIC:			
NAICS: 541330/Engineering Services			
Mailing: 1920 Main Street, Suite 310, Irvine, CA 92614			
Inspection Type:	Complaint		
Scope:	Partial	Advanced Notice:	N
Ownership:	Private		
Safety/Health:	Safety	Close Conference:	06/10/2019
		Close Case:	
Related Activity:	Type	ID	Safety / Health
	Complaint	1436695	Yes

Case Status: OPEN

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations				2		2
Current Violations				2		2
Initial Penalty	$0	$0	$0	$935	$0	$935
Current Penalty	$0	$0	$0	$675	$0	$675
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Pts$	Contest	LastEvent
1.	01001	Other	341(C)(2)(B)	06/10/2019	06/24/2019	$225	$375	$0	07/17/2019	-

2.	01002	Other	1513(C)	06/10/2019		$450	$560	$0	07/17/2019

Case Status: CLOSED

Inspection: 1177059.015 - Ohl Use Inc

Inspection Information - Office: Ca Fresno

Nr: 1177059.015 Report ID: 0950625 Open Date: 09/07/2016

Ohl Use Inc
300 Owens Lake
Lone Pine, CA 93545

Union Status: Union

SIC:
NAICS: 236220/Commercial and Institutional Building Construction
Mailing: 1920 Main Street, #310, Irvine, CA 92614

Inspection Type:	Unprog Rel		
Scope:	Complete	Advanced Notice:	N
Ownership:	Private		
Safety/Health:	Health	Close Conference:	12/20/2016
		Close Case:	06/08/2017

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations				3		3
Current Violations				3		3
Initial Penalty	$0	$0	$0	$2,385	$0	$2,385
Current Penalty	$0	$0	$0	$1,535	$0	$1,535
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Fta$	Contest	LastEvent
1.	01001	Other	1527(A)	12/22/2016	01/17/2017	$675	$1,125	$0		I - Informal Settlement
2.	01002	Other	3203(B)(2)	12/22/2016	01/17/2017	$300	$325	$0		I - Informal Settlement
3.	01003	Other	3395(I)	12/22/2016	01/17/2017	$560	$935	$0		I - Informal Settlement

Case Status: CLOSED

Inspection: 1120912.015 - Ohl Use, Inc.

Inspection Information - Office: Houston North

Nr: 1120912.015 Report ID: 0626600 Open Date: 01/27/2016

Ohl Use, Inc.
12500 Nw Freeway Hwy 290
Houston, TX 77092

Union Status: NonUnion

SIC:
NAICS: 237310/ Highway, Street, and Bridge Construction
Mailing: 4020 South Industrial Drive Suite 260 , Austin, TX 78744

Inspection Type:	Fat/Cat				
Scope:	Partial	Advanced Notice:	N		
Ownership:	Private				
Safety/Health:	Safety	Close Conference:	01/27/2016		
Emphasis:	L:Worksone	Close Case:	11/07/2016		
Related Activity:	Type	ID	Safety	Health	

Accident 1057701

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations	2					2
Current Violations				1		1
Initial Penalty	$14,000	$0	$0	$0	$0	$14,000
Current Penalty	$0	$0	$0	$7,000	$0	$7,000
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

	#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Fta$	Contest	LastEvent
Deleted	1.	01001	Serious	19260602 A09 II	03/07/2016	03/31/2016	$0	$7,000	$0		I - Informal Settlement
	2.	02001	Other	19260021 B02	07/07/2016	09/16/2016	$7,000	$7,000	$0		I - Informal Settlement

Accident Investigation Summary

Summary Nr: 82587.015 Event: 01/26/2016 Employee Is Struck And Killed By A Dump Truck

At 12:30 p.m. on January 26, 2016, four employees were walking and surveying a highway lane widening project. One of the employees knelt down to write on a notepad. A dump truck which was backing into the area to unload sand, backed over the kneeling employee. The employee was killed by his injuries.

Keywords: dump truck, run over

	Inspection	Degree	Nature	Occupation
1	1120912.015	Fatality	Other	Civil Engineer

UNITED STATES
DEPARTMENT OF LABOR

Occupational Safety and Health Administration
200 Constitution Ave NW
Washington, DC 20210
800-321-6742 (OSHA)
TTY
www.OSHA.gov

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DisasterAssistance.gov
USA.gov
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Neither Judlau Contracting, Inc. nor any Affiliate or any current officer, director or employee of either the firm or any Affiliate, have been indicted or convicted of bid or other contract related crimes or violations within the past ten (10) years. Nonetheless, Obrascon Huarte Lain, S.A. ("**OHL S.A.**"), Judlau Contracting, Inc.'s ultimate, but not direct, parent company makes the following statements:

1. On October 4th 2018 the governmental body called National Commission on Markets and Competition (official name in Spanish "Comisión Nacional de los Mercados y de la Competencia" or "CNMC") has notified OHL S.A. together with other seven Spanish construction companies (Acciona Construcción, Corsán-Corvian, Dragados, FCC Construcción, Ferrovial Agromán and Sacyr Construcción), the beginning of a sanction administrative proceeding for alleged restrictive competition practices (Ref: 611/17).

   In accordance with the resolution opening the above mentioned sanction proceeding, the anticompetitive practices consisted on agreements and exchange of information between the above mentioned companies with the objective of restricting the competition in relation with the request for proposals (tenders) of the different Public Administrations in Spain.

   The beginning of this administrative proceeding, which is not a judicial one, does not prejudice the final outcome of the initiated investigation. The CNMC has up to 18 months to issue a resolution on the sanction proceeding.

   After the notification of the administrative resolution, a contentious administrative appeal ("Recurso Contencioso Administrativo" in Spanish) may be filed against the same before the Courts of Justice. OHL S.A. considers that it has always complied with the Law at all times.

2. OHL S.A., Judlau Contracting, Inc.'s ultimate, but not direct, parent company makes the following and attached statement about former OHL S.A. Chairman Juan Miguel Villar Mir and former OHL S.A. Board Member Javier Lopez Madrid:

   Mr Juan Miguel Villar Mir resigned as member and chairman of the board of the OHL S.A. on June 23, 2016. While he served as chairman of the board of OHL S.A., he had no authority to act on behalf of the company at any moment. He was not an officer, employee and had no capacity to act on behalf of OHL.

   Mr. Javier Lopez Madrid resigned as a member of the board of OHL S.A. on May 9, 2017. While he served as a board member, he had no capacity to act on behalf of the company. He was not an officer or employee of the company.

   Attached please find additional statements concerning OHL S.A.

OHL

OHL voluntarily provides new information for the ongoing investigation of the *Audiencia Nacional* ("*Operación Lezo*")

- The Group has carried out a voluntary internal investigation amidst which it has identified two wire transfers in favor of the company Lauryn Group Inc. which were carried out during November 2007. There is no indication that these can be related to any illegal or illicit actions of any kind.
- The internal investigation has not identified any wire transfers ordered by Mr. Javier López Madrid, external proprietary director of the OHL Group since 2002, who has never held executive or representative duties in the Group.

Madrid, May 5 2017.- OHL, voluntarily and following the mandate issued by the Audit and Control Commission of its Board of Directors ("ACC"), and through the Internal Audit Directorate ("IAD") and the Compliance Directorate ("CD"), has voluntarily set forth an internal investigation within the parameters of the judicial requirement issued by the *Guardia Civil* on April 20 amidst the proceedings of *operación Lezo*, a criminal proceeding instructed by the judge of the National Court (*Audiencia Nacional*) Eloy Velasco.

Such investigation has focused on:

1. Determining if any of the OHL Group companies have carried out any wire transfer, in any location, which may correspond to that for an amount of 1.4 Mill € that, according to the media, and as it may be inferred by the information required by the judicial commission present at OHL's offices on April 20, allegedly was carried out by one of the companies of the OHL Group in favor of a Swiss bank account whose holder was a company named Lauryn Group Inc.
2. Determining if there are any indications or suspicions of irregularities in the proceeding for the bidding, awarding and execution of the administrative concession "*Cercanías Móstoles-Navalcarnero*" ("CEMONASA")
3. Determining if Mr. Javier López Madrid, External proprietary director since 2002 and who has never held executive or representative duties in the OHL Group, has had at any given time, the power or the capacity to order or instruct any Group employees to carry out payments of any kind, including wire transfers.

The initiative to further complete the official investigation and to voluntary supply any information in our possession demonstrates the corporate commitment for zero tolerance against corruption, the strict enforcement of our Corporate Code of Governance and the maximum transparency and collaboration with the judiciary that presides all of the actions of this Company.

More information on OHL

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OHL

The Company considers that, at this time, it is important to highlight that ever since the Group was incorporated in 1911 (including Obrascón Huarte Lain, S.A. and all of its national and international subsidiaries) and until this date, no employees or executives of OHL have been ever convicted for corruption whether in Spain or any other country.

Analysis of the identified transfers

By means of a computerized system ("ERP") two wire transfers have been identified, none of which corresponds with the allegedly carried out wire transfer, but which are indeed in favor of Lauryn Group Inc, a company incorporated in Panama and to a bank account held in the Anglo Irish Bank in Switzerland. These two transfers amount to a total of 2.5 million US Dollars and took place in November 2007.

Said transfers have been duly considered in OHL's accounting registries and have pertaining supporting invoices, which apparently correspond to regular transactions within the ordinary course of business of our companies. There are no indications that these might be related with any illegal or illicit actions of any kind.

All of the persons who directly or indirectly held executive duties for these transactions at the time of the transfers have long ceased to work for the Group either because of retirement, voluntary leave or redundancy.

Regardless of the fact that these conclusions are preliminary, since the investigation by the IAD and the DC is still ongoing, (by internal and external means) in order to clarify the facts to the maximum extent possible, OHL has provided the judicial authorities with these findings as soon as it has had knowledge of their existence.

No irregularities in the contracts for the *Cercanías Móstoles-Navalcarnero* (CEMONASA) concession

According to the conclusions of the preliminary internal analysis, there appears to be no indication or suspicion of any irregularity in the proceedings for the bidding, awarding and execution of CEMONASA and it may be concluded, under the current state of the works, that the awarding of the concession and all ensuing actions regarding such have been carried out with total transparency and under the rule of Law. Said internal preliminary analysis, states that there have been no irregularities and it further verifies that this contract has resulted in a ruinous project for OHL which has led to the biggest loss for the Group in a single Project in its whole history, with a total invested amount pending recovery for 259 million €. The concession managing company, CEMONASA, filed for insolvency proceedings months ago and is currently under liquidation.

Regarding this contract, the Autonomous Region of Madrid ("ARM") has requested the enforcement of the provided bank guarantees, in an action that the OHL Group deems unfair and which is currently challenged before the courts, alongside the considerable penalties imposed by the ARM. For this purpose, on 3 December 2016, OHL initiated legal actions against the ARM before the Madrid Superior Court of Justice (*Tribunal Superior de Justicia de Madrid*) claiming the reimbursement of the investments made as well as for the damages suffered.

From all of the above, it can be inferred that the ARM has always acted according to the law, with maximum transparency and rigor and without any beneficial treatment in favor of OHL.

More information on OHL

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Mr. Javier López Madrid has never held executive or representative duties in the OHL Group

Mr. Javier López Madrid has never had the power or capacity to order, authorize or mandate any employees of the OHL Group to carry out payments of any kind, including wire transfers within the dates in which the wire transfer allegedly took place. Furthermore, he has never held executive or representative duties in the OHL Group.

As of today, Mr. Javier López Madrid is under investigation (*investigado*) in these proceedings and has not been formally charged with any crime. Neither OHL nor any of its employees have been charged with any crimes as well.

More information on OHL

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STATE OF ILLINOIS
TAXPAYER IDENTIFICATION NUMBER

I certify that:

The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and

I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and

I am a U.S. person (including a U.S. resident alien).

- If you are an individual, enter your name and SSN as it appears on your Social Security Card.
- If you are a sole proprietor, enter the owner's name on the name line followed by the name of the business and the owner's SSN or EIN.
- If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's name on the name line and the D/B/A on the business name line and enter the owner's SSN or EIN.
- If the LLC is a corporation or partnership, enter the entity's business name and EIN and for corporations, attach IRS acceptance letter (CP261 or CP277).
- For all other entities, enter the name of the entity as used to apply for the entity's EIN and the EIN.

Name: Click here to enter text.

Business Name: Judlau Contracting, Inc

Taxpayer Identification Number:

Social Security Number: Click here to enter text.

or

Employer Identification Number: [redacted]

Legal Status (check one):

☐ Individual	☐ Governmental
☐ Sole Proprietor	☐ Nonresident alien
☐ Partnership	☐ Estate or trust
☐ Legal Services Corporation	☐ Pharmacy (Non-Corp.)
☐ Tax-exempt	☐ Pharmacy/Funeral Home/Cemetery (Corp.)
☐ Corporation providing or billing medical and/or health care services	☐ Limited Liability Company (select applicable tax classification)
☒ Corporation NOT providing or billing medical and/or health care services	☐ C = corporation ☐ P = partnership

Signature of Authorized Representative: [redacted]

Date: 11/3/19

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

TO: Eleanor Curcuro
State Purchasing Officer

DATE: November 7, 2019

FROM: Paul D. Kovacs, P.E.
Chief Engineering Officer

SUBJECT: Contract No. I-19-4464
Judlau Contracting, Inc.
Affirmative Response on Forms A Disclosures – Step 7, Question 4

In the Forms A disclosures submitted for Judlau Contracting, Inc., the following question was answered Yes: Within the previous ten years, have you had any adverse civil judgments and administrative findings? An explanation was included in Judlau's disclosures.

By copy of this memo, Engineering confirms our review of the information disclosed and that the Tollway has no issue with this information and recommends proceeding with the contract.

PDK:dc

UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF NEW YORK

----------X

UNITED STATES OF AMERICA,

Plaintiff,

v.

DRAGADOS/JUDLAU, A JOINT VENTURE, JUDLAU CONTRACTING, INC., and DRAGADOS USA, INC,

Defendants.

----------X

12 Civ. 2563 (LTS)

STIPULATION AND ORDER OF DISMISSAL

WHEREAS, the United States of America ("United States") commenced this action by filing a complaint in this Court (the "Complaint") against Judlau Contracting, Inc. ("Judlau"), Dragados USA, Inc. ("Dragados"), and Dragados/Judlau, a Joint Venture (the "Joint Venture") (collectively, "Defendants"), under the False Claims Act and common law arising from Defendants' violation of United States Department of Transportation's ("DOT") regulations designed to require the participation of disadvantaged business enterprises ("DBEs") in DOT funded and/or subsidized contracts (the "DBE regulations");

WHEREAS, the DBE regulations are intended to provide opportunities for businesses owned by socially and economically disadvantaged individuals, such as minorities and/or women, possessing the required skills, to perform work on construction projects funded, at least in part, by the federal government;

WHEREAS, the United States contends that it has certain civil claims against the Defendants under the False Claims Act, codified at 31 U.S.C. §§ 3729-3733, and the common law, as specified below, for engaging in the following conduct (collectively the "Covered Conduct"): Defendants engaged in fraudulent conduct designed to avoid their obligation to use DBEs to

perform work on the federally-funded project of constructing a tunnel connecting the Long Island Railroad to Grand Central Station (the "East Side Access Project") through deceit and subterfuge by pretending to subcontract work to DBEs, while in fact arranging for the work to be performed by non-DBE subcontractors. The complaint further alleges that Defendants falsely certified that the requisite amount of work was being performed by DBE entities when they knew it was not, and knowingly, or with reckless disregard of the truth, presented and/or caused to be presented false or fraudulent claims for payment to the Metropolitan Transportation Authority ("MTA"), a recipient of federal funds;

WHEREAS, the United States seeks damages and civil penalties against Defendants under the False Claims Act, 31 U.S.C. §§ 3729-33, and common law;

WHEREAS, Defendants reported issues regarding compliance with the DBE Regulations to the MTA in 2009.

WHEREAS, the parties desire to reach a full and final settlement and compromise of the claims that the United States asserts against Defendants by entering into this stipulation of settlement (the "Stipulation");

NOW, THEREFORE, it is hereby ORDERED as follows:

1. The Court has jurisdiction over this matter pursuant to 28 U.S.C. § 1331.

2. Defendants shall pay $6,500,000 to the United States (the "United States Settlement Amount") by electronic funds transfer, pursuant to written instructions to be provided by the United States Attorney's Office, Southern District of New York, within fifteen (15) days of the entry of this Stipulation by the court.

3. Defendants shall pay $1,000,000 to the MTA's Office of the Inspector General ("MTA OIG") (the "Investigative Costs Amount") by electronic funds transfer, pursuant to written instructions to be provided by MTA OIG, to cover the investigative costs incurred in this matter

within fifteen (15) days of the entry of this Stipulation by the court.

4. The Joint Venture admits, acknowledges, and accepts responsibility for the fact that, between 2006 and 2008, monthly requisition forms and progress reports were submitted to the MTA by representatives of the Joint Venture acting on its behalf that represented that certain DBEs were performing certain work and being paid a certain amount under the East Side Access Contract when, in fact, payment was made to certain DBEs for participation as DBEs in instances and under circumstances where these firms did not qualify for consideration as DBEs for which the Joint Venture could claim credit, in violation of the Contract and the DBE Regulations.

5. Subject to the exceptions in paragraphs 7, in consideration of the obligations of the Defendants set forth in this Stipulation, upon payment in full of the Settlement Amount, and subject to Paragraph 14 below (concerning bankruptcy proceedings commenced within 91 days of the Effective date of this Stipulation) the United States agrees to release the Defendants and all of their current and former employees, related entities, representatives, officers and directors, from any civil monetary claim arising from the Covered Conduct that the United States has or may have against the Defendants under the False Claims Act, 31 U.S.C. §§ 3729-3733; the Civil Monetary Penalties Law, 42 U.S.C. § 1320a-7a; the Program Fraud Civil Remedies Act, 31 U.S.C. §§ 3801-3812; and the common law theories of payment by mistake, unjust enrichment, and fraud.

6. Subject to the exceptions in paragraph 7, in consideration of the obligations of the Defendants set forth in this Stipulation, upon payment in full of the Investigative Costs Amount, and subject to Paragraph 14 below (concerning bankruptcy proceedings commenced within 91 days of the Effective date of this Stipulation), MTA OIG agrees to release the Defendants and all of their current and former employees, related entities, representatives, officers and directors, from the obligation to reimburse MTA OIG for investigative costs stemming from the Covered Conduct.

7. Notwithstanding any term of this Stipulation and Order, including the releases

provided in paragraphs 5 and 6, any and all of the following are specifically reserved and excluded from the scope and terms of this Stipulation and Order:

a. Any civil, criminal or administrative liability arising under Title 26, U.S. Code (Internal Revenue Code);

b. Any civil, criminal or administrative liability arising under New York State Tax Law;

c. Any criminal liability;

d. Any administrative liability;

e. Any liability to the United States (or its agencies) for any conduct other than the Covered Conduct;

f. Any liability based upon such obligations as are created by this Stipulation; and

g. Any liability to the United States of any person or entity, including but not limited to any joint tortfeasor, who or that is not released by the terms of this Stipulation.

8. The Defendants shall be in default of this Stipulation if they fail to make the payments set forth in paragraphs 2 and 3. The United States will provide written notice of the default, to be sent by first-class mail to the undersigned attorneys for each of the Defendants. In the event of default, the Settlement Amount and the Investigative Costs Amount shall be immediately due and payable, and interest shall accrue at the rate of 5% per annum compounded daily on the remaining unpaid principal balance, beginning seven (7) business days after delivery of the notice of default. If the Settlement Amount and Investigative Costs Amount, with all accrued interest, are not paid in full within seven (7) business days after delivery of the notice of default, the United States may, at its option: (a) seek specific performance of the Stipulation; (b) offset the remaining

unpaid balance of the Settlement Amount from any amounts due and owing the Defendants by any department, agency or agent of the United States at the time of default; (c) reinstate this lawsuit; or (d) exercise any other rights granted by law, or under the terms of this Stipulation, or recognizable at common law or in equity. The Defendants shall not contest any offset imposed or any collection action undertaken by the United States pursuant to this paragraph, either administratively or in any State or Federal court. In addition, the Defendants shall pay the United States all reasonable costs of collection and enforcement under this paragraph, including attorney's fees and expenses. In the event that the United States opts to rescind this Stipulation pursuant to this paragraph, the Defendants shall not plead, argue or otherwise raise any defenses under the theories of statute of limitations, laches, estoppel or similar theories, to any civil or administrative claims which relate to the Covered Conduct, except to the extent those defenses were available on date of the filing of the complaint in this action.

9. The Defendants waive and will not assert any defenses they may have to any criminal prosecution or administrative action relating to the Covered Conduct that may be based in whole or in part on a contention that, under the Double Jeopardy Clause in the Fifth Amendment of the United States Constitution, or under the Excessive Fines Clause in the Eighth Amendment of the United States Constitution, this Stipulation bars a remedy sought in such criminal prosecution or administrative action. Nothing in this paragraph or any other provision of the Stipulation constitutes an agreement by the United States or MTA OIG concerning the characterization of the Settlement Amount or the Investigative Costs Amount for purposes of the Internal Revenue Code, Title 26 of the United States Code or New York State Tax Law.

10. The Defendants agree that this Stipulation is not punitive in purpose or effect.

11. The Defendants fully and finally release the United States, its agencies, departments, employees, servants, and agents from any claims (including attorneys' fees, costs,

and expenses of every kind and however denominated) which the Defendants have asserted, could have asserted, or may assert in the future against the United States, its agencies, departments, employees, servants, and agents related to the Covered Conduct, and the United States' investigation and prosecution thereof, and this Stipulation.

12. This Stipulation is intended to be for the benefit of the parties only. The parties do not release any claims against any other person or entity, except as provided in this Stipulation. Until the Settlement Amount and Investigative Costs Amount are fully satisfied, the Defendants shall maintain custody of, or make arrangements to have maintained, all documents and records of the Defendants related to the Covered Conduct.

13. The Defendants expressly warrant that they have reviewed their financial situation and that they currently are solvent within the meaning of 11 U.S.C. §§ 547(b)(3) and 548(a)(1)(B)(ii)(I), and will not become insolvent following their payments of the U.S. Settlement Amount and the Investigative Costs Amount to the United States and the MTA OIG respectively hereunder. Further, the parties expressly warrant that, in evaluating whether to execute this Stipulation, such parties (i) have intended that the mutual promises, covenants and obligations set forth herein constitute a contemporaneous exchange for new value given to the Defendants, within the meaning of 11 U.S.C. § 547(c)(1); and (ii) have concluded that these mutual promises, covenants and obligations do, in fact, constitute such a contemporaneous exchange. Further, the parties warrant that the mutual promises, covenants, and obligations set forth herein are intended and do, in fact, represent a reasonable equivalent exchange of value which is not intended to hinder, delay or defraud any entity to which the Defendants were or became indebted to on or after the date of these transfers, all within the meaning of 11 U.S.C. § 548(a)(1).

14. If, within 91 days of the effective date of this Stipulation or within 91 days of any

payment under this Stipulation, the Defendants commence, or a third party commences, any case, proceeding, or other action under any law relating to bankruptcy, insolvency, reorganization or relief of debtors: (i) seeking to have any order for relief of the Defendants' debts; (ii) seeking to adjudicate any of the Defendants as bankrupt or insolvent; or (iii) seeking appointment of a receiver, trustee, custodian or other similar official for either of the Defendants or for all or any substantial part of their assets, then:

a. Defendants' obligations under this Stipulation shall not be avoided pursuant to 11 U.S.C. § 547, and the Defendants shall not argue or otherwise take the position in any such case, proceeding or other action that: (i) the Defendants' obligations under this Stipulation may be avoided under 11 U.S.C. § 547; (ii) the Defendants were insolvent at the time this Stipulation was entered into, or became insolvent as a result of the payments made to the United States and/or MTA OIG hereunder; or (iii) the mutual promises, covenants and obligations set forth in this Stipulation do not constitute a contemporaneous exchange for new value given to the Defendants.

b. In the event that the Defendants' obligations hereunder are avoided for any reason, including, but not limited to, through the exercise of a trustee's avoidance powers under the Bankruptcy Code, the United States and/or MTA OIG, at their sole option, may rescind its agreement to this Stipulation, and bring any civil and/or administrative claim, action or proceeding against the Defendants for the claims that would otherwise be covered by the releases provided in paragraphs 5 and 6, above. The Defendants: (i) shall not contend that any such claims, actions or proceedings brought by the United States are subject to an automatic stay pursuant to 11 U.S.C. § 362(a) as a result of the action, case or proceeding described in the

first clause of this paragraph; (ii) the Defendants shall not plead, argue or otherwise raise any defenses under the theories of statute of limitations, laches, estoppel or similar theories, to any such civil or administrative claims, actions or proceedings which are brought by the United States or the State within thirty (30) calendar days of written notification to the Defendants that the releases herein have been rescinded pursuant to this paragraph, except to the extent such defenses were available on the date the complaint was filed in this action; (iii) the Defendants shall not contest the validity of a claim filed by the United States against the Defendants in the amount of $6,500,000 and the United States may pursue its claims in the case, action or proceeding referenced in the first clause of this paragraph, as well as any other case, action, or proceeding; and (iv) the Defendants shall not contest the validity of a claim filed by the MTA OIG against the Defendants in the amount of $1,000,000 million and MTA OIG may pursue its claims in the case, action or proceeding referenced in the first clause of this paragraph, as well as any other case, action, or proceeding.

c. The Defendants' agreements in this paragraph are provided in exchange for valuable consideration provided in this Stipulation.

15. Except as expressly provided to the contrary in this Stipulation, the United States, MTA OIG and Defendants shall each bear its own legal and other costs incurred in connection with this matter, including the preparation and performance of this Stipulation.

16. This Stipulation is governed by the laws of New York State without regard to choice of law or conflict of laws principles. The parties agree that the exclusive jurisdiction and venue for any dispute arising between and among the parties under this Stipulation as it relates to this action, will be the United States District Court for the Southern District of New York. The

parties waive any objection that any of them may now have or hereafter may have to this venue, whether concerning this Stipulation or for any related suit, action or proceeding, and irrevocably consent to the jurisdiction of this Court and agree to accept and acknowledge service in any such suit, action or proceeding.

17. For purposes of construction, this Stipulation shall be deemed to have been drafted by all parties to this Stipulation and shall not, therefore, be construed against any party for that reason in any subsequent dispute.

18. Any failure by the United States or the MTA OIG to insist upon the strict performance of any of the provisions of this Stipulation shall not be deemed a waiver of any of the provisions hereof, and the United States and the MTA OIG, notwithstanding that failure, shall have the right thereafter to insist upon strict performance of any and all of the provisions of this Stipulation.

19. If any part of this Stipulation shall for any reason be found or held invalid or unenforceable by any court of competent jurisdiction, such invalidity or unenforceability shall not affect the remainder of this Stipulation, which shall survive and be construed as if such invalid unenforceable part had not been contained herein.

20. This Stipulation constitutes the complete agreement between the parties. This Stipulation may not be amended, changed, modified or waived except in writing signed by all parties or their authorized representatives.

21. The individuals signing the Stipulation on behalf of the Defendants represent and warrant that they are authorized, respectively, by the Defendants to execute this Stipulation. The undersigned signatories for the United States and the MTA OIG represent that they are signing this Stipulation in their official capacities and that they are authorized to execute this Stipulation.

22. This Stipulation may be executed in counterparts, each of which constitutes an

original and all of which constitute one and the same agreement. Facsimiles of signatures shall constitute acceptable, binding signatures for purposes of this Stipulation.

23. This Stipulation is binding on the Defendants' successors, transferees, heirs, and assigns.

24. None of the Defendants waives any right to pursue any potential legal remedies against each other that may exist as a result of the conduct alleged in this complaint.

25. The Complaint is hereby dismissed, without prejudice to reinstatement in accordance with Paragraph 8 of this Stipulation.

26. Any notices pursuant to this Stipulation shall be in writing and shall, unless expressly provided otherwise herein, be given by hand delivery, express courier, or facsimile-transmission followed by postage prepaid mail, and shall be addressed as follows:

IF TO THE UNITED STATES:
Lara K. Esfahanazi
Assistant United States Attorney
United States Attorney's Office
Southern District of New York
86 Chambers Street, 3rd Floor
New York, New York 10007
Facsimile: (212) 637-2730

IF TO THE MTA OIG:
Office of the Inspector General
Metropolitan Transportation Authority
Two Penn Plaza, 5th Floor
New York, New York 10121
Facsimile: (212) 878-0105

IF TO DEFENDANTS DRAGADOS AND THE JOINT VENTURE:
Thomas J. Curran
Pecker & Abramson, P.C.
41 Madison Avenue, 20th Floor
New York, NY 10010
Facsimile: (212) 382-3456

IF TO DEFENDANTS JUDLAU:
Mark Rosen
McElroy, Deutsch, Mulvaney &Carpenter, LLP
88 Pine Street, 24th Floor
New York, NY 10005
Facsimile: (212) 483-9129

The Defendants represent that this Stipulation and Order is freely and voluntarily entered into without any degree of duress or compulsion whatsoever and upon due deliberation with the advice of counsel.

Dated: New York, New York
April 3, 2012

BARRY KLUKER
Inspector General
Metropolitan Transit Authority

By: [redacted]

C. CLIFFORD BROCK
Chief, Construction Fraud Unit
Office of the Inspector General
MTA
Two Penn Plaza, 5th Floor
New York, NY 10121
Telephone: (212) 878-0099
Facsimile: (212) 878-0105
Email: cbrock@mtaig.org

Dated: New York, New York
April 4, 2012

PREET BHARARA
United States Attorney for the
Southern District of New York

By: [redacted]

LARA K. ESHKENAZI
MARA E. TRAGER
HILLEN M. LONDON
Assistant United States Attorneys
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mara.trager@usdoj.gov
ellen.london@usdoj.gov

Dated: New York, NY
April __, 2012

PECKAR & ABRAMSON
Attorneys for Defendant
Dragados USA, Inc. and
Dragados/Tudlau, a Joint Venture

By: _____

THOMAS J. CURRAN
Peckar & Abramson, P.C.
41 Madison Avenue, 20th Fl.
New York, NY 10010
Telephone: (212) 382-0909
Facsimile: (212) 382-3456
Email: tcurran@peckarlaw.com

Dated: New York, NY
April __, 2012

McELROY, DEUTSCH, MULVANEY
& CARPENTER
Attorneys for Defendant
Judlau Contracting, Inc.

By: _____

MARK A. ROSEN
McElroy, Deutsch, Mulvaney & Carpenter
88 Pine Street, 24th Fl.
New York, NY 10010
Telephone: (212) 483-9490
Facsimile: (212) 483-9129
Email: mrosen@mdmc-law.com

SO ORDERED:

_____
UNITED STATES DISTRICT COURT JUDGE

The Defendants represent that this Stipulation and Order is freely and voluntarily entered into without any degree of duress or compulsion whatsoever and upon due deliberation with the advice of counsel.

Dated: New York, New York
April __, 2012

BARRY KLUGER
Inspector General
Metropolitan Transit Authority

By: _____
C. CLIFFORD BROCK
Chief, Construction Fraud Unit
Office of the Inspector General
MTA
Two Penn Plaza, 5th Floor
New York, NY 10121
Telephone: (212) 878-0099
Facsimile: (212) 878-0105
Email: cbrock@mtaig.org

Dated: New York, New York
April __, 2012

PREET BHARARA
United States Attorney for the
Southern District of New York

By: _____
LARA K. ESHKENAZI
MARA E. TRAGER
ELLEN M. LONDON
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mara.trager@usdoj.gov
ellen.london@usdoj.gov

Dated: New York, NY
April 16, 2012

PECKAR & ABRAMSON
Attorneys for Defendant
Dragados USA, Inc. and
Dragados/Tudor, a Joint Venture

By: [redacted]
THOMAS J. QUIRAN
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41 Madison Avenue, 20th Fl.
New York, NY 10010
Telephone: (212) 382-0909
Facsimile: (212) 382-3456
Email: tquiran@peckarlaw.com

Dated: New York, NY
April 2, 2012

McELROY, DEUTSCH, MULVANEY
& CARPENTER
Attorneys for Defendant
[redacted]

By: _____
MARK A. ROSEN
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88 Pine Street, 24th Fl.
New York, NY 10010
Telephone: (212) 483-9490
Facsimile: (212) 483-9129
Email: mrosen@mdmc-law.com

SO ORDERED:

_____
UNITED STATES DISTRICT COURT JUDGE

Judlau Contracting, Inc.'s ECB Violations since 5/29/2010

Violations Number	Violation Date	Amount	Status
00261205R	5/29/2010	$484	Paid
00193013K	7/21/2010	$1,500	Paid
00264157J	7/21/2010	$1,400	Paid
177219287	10/13/2010	$1,200	Paid
177447014	11/10/2010	$750	Paid
177428231	12/20/2010	$1,200	Paid
177032177	1/27/2011	$1,200	Paid
177032186	1/27/2011	$1,200	Paid
177062610	1/27/2011	$750	Paid
177428509	1/31/2011	$800	Paid
178873961	3/7/2011	$1,800	Paid
179069029	3/7/2011	$250	Paid
178882074	3/14/2011	$1,200	Paid
179058597	4/11/2011	$150	Paid
179348226	5/9/2011	$1,200	Paid
179367055	5/9/2011	$1,200	Paid
179058642	5/16/2011	$1,200	Won
179290183	5/18/2011	$1,200	Paid
179292347	5/18/2011	$150	Paid
179292356	5/18/2011	$250	Paid
179290192	5/24/2011	$250	Paid
179086014	6/6/2011	$1,200	Paid
179328802	9/6/2011	$1,200	Paid
179329160	9/6/2011	$250	Paid
179335283	9/6/2011	$1,200	Paid
179780150	9/21/2011	$1,800	Paid
179780160	9/21/2011	$50	Paid
179800529	9/21/2011	$1,500	Paid
179802774	9/21/2011	$1,200	Paid
179802783	9/21/2011	$250	Paid
179802792	9/21/2011	$250	Paid
179802801	9/21/2011	$400	Paid
168240261	9/26/2011	$1,800	Paid
170233214	1/17/2012	$0	Won
180116375	3/12/2012	$1,200	Paid
180470409	6/4/2012	$250	Paid
00400651Y	10/2/2012	$700	Paid
180844566	3/25/2013	$1,200	Won
181854063	4/29/2013	$1,200	Paid
182029724	6/24/2013	$1,200	Won
171839734	8/15/2013	$100	Paid
182126873	8/20/2013	$1,500	Paid
182580402	10/7/2013	$750	Paid
182249760	10/21/2013	$1,200	Paid
182249770	10/21/2013	$250	Paid
168717940	10/22/2013	$1,200	Paid

180423798	11/15/2013	$500 Paid
182580411	12/16/2013	$1,200 Paid
168717809	1/13/2014	$1,200 Paid
182119549	1/21/2014	$1,200 Paid
182643102	3/3/2014	$750 Won
182643111	3/10/2014	$1,200 Paid
182643130	3/10/2014	$750 Won
182111564	3/11/2014	$750 Won
182719819	3/24/2014	$1,200 Won
185496832	5/19/2014	$1,800 Won
185496841	5/19/2014	$750 Won
185496850	5/19/2014	$250 Paid
182795425	6/23/2014	$500 Paid
182795434	6/23/2014	$250 Paid
184004994	8/4/2014	$1,000 Paid
185498868	8/8/2014	$250 Paid
185498859	8/18/2014	$250 Paid
182168920	8/29/2014	$1,200 Paid
184004985	9/8/2014	$250 Paid
184005003	9/8/2014	$1,200 Paid
184019267	9/8/2014	$1,200 Paid
184019285	9/8/2014	$1,200 Paid
187117325	10/27/2014	$250 Paid
187085241	10/28/2014	$1,200 Paid
183987055	11/25/2014	$1,800 Won
185670174	12/1/2014	$1,830 Paid
187063800	12/2/2014	$1,230 Paid
187097222	1/6/2015	$750 Paid
187024705	2/24/2015	$530 Paid
187024714	2/24/2015	$80 Paid
187542769	3/2/2015	$3,000 Paid
187594312	4/27/2015	$150 Paid
187594321	4/27/2015	$1,200 Paid
187594330	4/27/2015	$750 Paid
187594368	4/27/2015	$750 Paid
187594377	4/27/2015	$450 Paid
187668975	5/18/2015	$450 Paid
187668984	5/18/2015	$250 Paid
187389346	6/16/2015	$1,200 Paid
700065823	7/12/2015	$1,261 Paid
187721160	7/13/2015	$250 Paid
700067940	7/15/2015	$280 Paid
187698318	8/3/2015	$750 Paid
187089257	9/1/2015	$1,200 Paid
187388740	9/22/2015	$1,230 Paid
187389272	9/25/2015	$1,200 Paid
00273015Y	9/28/2015	$1,400 Paid

00274103Z	9/29/2015	$1,315 Paid
189213833	10/30/2015	$12,000 Paid
700269855	11/6/2015	$1,200 Pai
189223082	11/7/2015	$1,200 Paid
700269828	11/7/2015	$1,200 Paid
189215236	11/13/2015	$1,200 aid
700302855	11/24/2015	$1,200 aid
700302864	11/24/2015	$1,800 Paid
700302873	11/24/2015	$1,800 Pai
188557600	11/30/2015	$1,200 Paid
700321454	12/1/2015	$750 Won
700337276	12/8/2015	$2,250 Paid
189223110	12/13/2015	$1,800 Paid
189224301	12/23/2015	$1,200 Pai
700372467	12/24/2015	$150 Paid
700372476	12/24/2015	$1,200 Paid
189224357	12/31/2015	$1,800 Pai
700386390	1/5/2016	$150 Paid
700387775	1/5/2016	$1,500 Paid
700383238	1/6/2016	$750 Pai
700383247	1/6/2016	$1,800 Paid
700386940	1/7/2016	$1,000 Paid
191058048	1/26/2016	$1,200 Pai
700417383	2/2/2016	$1,200 Paid
011472804h	2/4/2016	$300 Paid
700422241	2/8/2016	$1,200 Paid
700455499	3/8/2016	$1,800 Won
191015258	3/29/2016	$1,800 Paid
19101888	3/30/2016	$750 Paid
191067030	3/30/2016	$750 Paid
700497079	4/5/2016	$1,200 Paid
700497088	4/5/2016	$750 Pai
700497097	4/5/2016	$1,200 Paid
700543150	4/28/2016	$750 Paid
20164860041-01	5/4/2016	$40 Paid
191640965	5/5/2016	$1,230 Paid
191641863	5/9/2016	$1,830 Paid
191018888	5/10/2016	$750 Paid
700561831	5/17/2016	$1,200 Paid
700581970	5/17/2016	$1,200 Paid
191646777	5/25/2016	$250 Paid
700586976	5/27/2016	$750 Paid
191642698	5/31/2016	$1,800 Paid
191642707	5/31/2016	$750 Paid
700584271	5/31/2016	$1,200 Paid
191649260	6/1/2016	$250 Paid
191646520	6/4/2016	$1,200 Paid

191648582	6/4/2016	$1,200 Paid
700592760	6/6/2016	$1,200 Paid
191648591	6/15/2016	$1,200 Paid
191251134	6/17/2016	$1,500 Won
191251776	6/17/2016	$250 Paid
700610350	6/20/2016	$1,200 Paid
191646941	6/21/2016	$250 Paid
191646950	6/21/2016	$250 Paid
191649408	6/21/2016	$250 Paid
700610296	6/21/2016	$1,200 Paid
700617565	6/28/2016	$1,500 Paid
700618876	6/28/2016	$1,200 Paid
700620333	6/30/2016	$1,830 Paid
700620342	6/30/2016	$1,530 Paid
191252811	7/3/2016	$750 Paid
700642279	7/8/2016	$450 Paid
700642288	7/9/2016	$1,200 Paid
191251381	7/12/2016	$750 Paid
191251390	7/12/2016	$150 Paid
700647824	7/18/2016	$750 Paid
191256093	7/19/2016	$250 Paid
191254250	7/20/2016	$1,500 Paid
191256010	7/20/2016	$1,500 Paid
191254746	7/25/2016	$1,200 Paid
191254755	7/25/2016	$800 Won
191256533	7/25/2016	$1,200 Won
191256551	7/25/2016	$1,530 Paid
191256084	7/29/2016	$250 Paid
191256378	7/30/2016	$1,200 Paid
191256387	7/30/2016	$100 Paid
189330763	8/19/2016	$500 Paid
191259357	8/21/2016	$100 Paid
191259366	8/22/2016	$250 Paid
700700670	8/23/2016	$1,000 Paid
191650122	8/25/2016	$1,260 Paid
191267039	9/7/2016	$1,200 Paid
191267048	9/7/2016	$1,200 Paid
700718435	9/11/2016	$1,200 Paid
191267120	9/12/2016	$1,200 Paid
191650618	9/22/2016	$1,230 Paid
700729518	9/22/2016	$250 Paid
700758549	10/12/2016	$250 Paid
700754423	10/17/2016	$1,200 Paid
700754551	10/17/2016	$1,200 Paid
700754560	10/17/2016	$1,200 Paid
700754589	10/17/2016	$1,200 Paid
700763260	10/17/2016	$1,500 Paid

700763279	10/17/2016	$1,200 P id
700763288	10/17/2016	$1,500 Paid
191453030	10/29/2016	$1,230 Paid
91453296	11/3/2016	$3,600 Paid
700749486	11/7/2016	$250 Paid
191454111	11/18/2016	$1,200 Paid
700822660	11/23/2016	$1,200 Paid
191441728	11/25/2016	$750 Paid
191441737	11/25/2016	$1,800 Paid
191454194	11/28/2016	$1,200 Paid
191445082	12/1/2016	$1,800 . aid
191445770	12/6/2016	$1,800 Pai.
191453296	1/3/2017	$200 P id
700794968	1/30/2017	Paid
700794986	1/30/2017	Paid
191445789	2/7/2017	$750 Paid
191455074	2/7/2017	Paid
191455193	2/7/2017	P 'd
700817792	2/13/2017	$1,500 Pa J
700817839	2/13/2017	$1,200 P..
700817857	2/13/2017	$1,200 Paid
700817866	2/13/2017	$1,200 Paid
191449199	2/14/2017	$750 Paic
191454991	2/14/2017	$1,200 Paid
191455029	2/14/2017	$1,200 Paid
191440930	2/28/2017	$1,200 Paid
191440949	2/28/2017	$750 Pai '
191444799	2/28/2017	$1,200 Paid
191444808	2/28/2017	$1,200 Paid
700861453	3/6/2017	$1,200 Paid
700866789	3/6/2017	$1,200 Paid
191447493	3/7/2017	$1,800 Paid
191447502	3/7/2017	$750 P 'd
191449051	3/7/2017	$750 Paid
191449060	3/7/2017	$1,800 Paid
191454937	3/7/2017	$1,200 Paid
191455770	3/8/2017	Paid
700888660	3/27/2017	$1,800 Won
700868080	4/3/2017	$150 Paid
700868090	4/3/2017	$750 Paid
700868154	4/3/2017	$100 . aid
700868960	3/7/2017	$750 Paid
700899183	4/3/2017	$1,500 Pai '
191423760	4/4/2017	$1,200 Paid
191540306	4/4/2017	$1,200 Paid
191453240	4/11/2017	$1,200 Paid
191453250	4/11/2017	$750 Paid

700860023	4/13/2017	Won
191449666	4/14/2017	$1,800 Paid
191422496	4/18/2017	$500 Paid
191427556	5/23/2017	$1,200 Paid
191427610	6/6/2017	$1,200 Paid
191429527	6/6/2017	$1,200 Paid
191455909	6/13/2017	$1,800 Paid
191455918	6/13/2017	$800 Paid
191427996	6/20/2017	$1,200 Paid
701003656	7/10/2017	Paid
191420360	7/11/2017	Won
191542827	7/11/2017	$1,200 Paid
196162479	7/25/2017	$1,200 Paid
701117551	8/3/2017	$1,500 Paid
701112070	8/5/2017	$1,500 Paid
701132704	8/5/2017	$1,200 Paid
196164192	8/10/2017	$750 Paid
196164201	8/10/2017	$250 Paid
196165530	8/13/2017	$750 Paid
196165540	8/13/2017	$250 Paid
70111254	8/14/2017	$1,230 Paid
701111254	8/14/2017	$1,230 Paid
701112161	8/14/2017	$250 Paid
701112180	8/14/2017	$250 Paid
191548345	8/15/2017	Paid
701117259	8/16/2017	$250 Paid
196167510	8/17/2017	$750 Paid
196167520	8/17/2017	$250 Paid
196167649	8/23/2017	$750 Paid
196167658	8/23/2017	$1,200 Paid
196167667	8/23/2017	$250 Paid
700992344	8/28/2017	Paid
700992600	8/28/2017	Paid
700995900	8/28/2017	Paid
196166731	9/5/2017	$250 Paid
196155814	9/12/2017	$1,200 Paid
196155823	9/12/2017	$1,200 Paid
196155832	9/12/2017	$250 Paid
196157180	9/12/2017	$500 Paid
196158610	9/19/2017	$1,200 Paid
196158629	9/19/2017	$750 Paid
196158638	9/19/2017	$1,200 Paid
196161020	9/19/2017	$1,800 Paid
196161030	9/19/2017	$1,500 Paid
196161049	9/19/2017	$750 Paid
196170004	9/28/2017	$280 Paid
201992946	10/3/2017	$1,200 Paid

701202141	10/19/2017	$750 Paid
701220576	10/28/2017	$1,500 P id
701240751	11/3/2017	$750 Paid
701264677	11/8/2017	$750 Paid
701267280	11/21/2017	$1,500 Paid
196169216	11/27/2017	$250 Paid
196169225	11/27/2017	$1,200 Pai.
196169234	11/27/2017	$1,800 Pa' '
196169243	11/27/2017	$1,800 Paid
201996090	11/27/2017	$1,200 Paid
201996127	11/27/2017	$250 Paid
701281076	11/29/2017	$1,500 Paid
701281112	11/29/2017	$750 Pa''
162042358	12/6/2017	$1,200 Paid
701309649	12/20/2017	$750 . .i.
201996659	12/21/2017	$500 Pal
201998711	12/21/2017	$1,200 Pal. '
201998749	12/22/2017	$1,200 Pai.
201998758	12/22/2017	$1,500 Paid
701340063	1/19/2018	$1,200 Paid
701348560	1/29/2018	$750 .'aid
701400765	2/9/2018	$1,200 Paid
196570386	2/13/2018	$1,200 Paid
196570395	2/13/2018	$800 Paid
196563190	2/20/2018	$250 Paid
196563209	2/20/2018	$750 Paid
203120143	4/22/2018	$1,200 Paid
701443041	4/24/2018	$1,200 Won
701447075	5/2/2018	$1,200 Paid
203143968	5/10/2018	$1,200 , ai
701460578	5/14/2018	$1,200 Won
203124965	6/9/2018	$1,200 P i''
196580396	6/20/2018	$1,200 P-k.
196580423	6/21/2018	$1,200 Pai ''
196581377	6/21/2018	$1,200 Paid
196581386	6/21/2018	$750 .'aid
196582266	6/23/2018	$1,800 Paid
196582275	6/23/2018	$750 Paid
196582284	6/23/2018	$1,800 Paid
203125120	6/20/2018	$1,200 Paid
203125130	6/20/2018	$1,200 Paid
203128449	6/23/2018	$1,800 Paid
203128458	6/23/2018	$750 Paid
196582569	7/1/2018	$750 Paid
196582852	7/1/2018	$750 Paid
196582587	7/1/2018	$1,800 Paid
196582605	7/1/2018	$1,800 Paid

196582843	7/1/2018	$1,800 Paid
701489059	6/7/2018	$1,200 Paid
206003023	8/16/2018	$1,200 Paid
206000374	8/7/2018	$250 Paid
196587986	8/1/2018	$1,200 Paid
196585190	7/22/2018	$1,200 Paid
196585786	7/15/2018	$1,200 Paid
196585795	7/15/2018	$1,200 Paid
196585804	7/15/2018	$750 Paid
196586107	7/19/2018	$1,200 Paid
196586116	7/19/2018	$1,200 Paid
701540539	7/5/2018	$1,500 Paid
206001016	8/1/2018	$1,200 Paid
206001373	8/18/2018	$1,200 Paid
206004792	8/18/2018	$1,200 Paid
206004801	8/9/2018	$1,200 Paid
206004810	8/18/2018	$750 Paid
701567570	7/22/2018	$780 Paid
206000219	8/11/2018	$1,200 Paid
206000677	8/10/2018	$750 Paid
206000686	8/10/2018	$500 Paid
206002776	8/11/2018	$1,200 Paid
206002785	8/11/2018	$1,200 Paid
206000879	8/4/2018	$1,200 Paid
206000888	8/4/2018	$750 Paid
206000897	8/4/2018	$1,200 Paid
206001117	8/4/2018	$750 Paid
196582596	7/1/2018	$750 Paid
205970299	9/11/2018	$1,200 Paid
205970830	9/15/2018	$1,200 Paid
205970858	9/15/2018	$750 Paid
206001685	9/3/2018	$750 Paid
206004426	8/25/2018	$1,800 Paid
206005746	9/1/2018	$1,200 Paid
206005755	9/1/2018	$750 Paid
206006424	9/1/2018	$1,200 Paid
206006460	9/1/2018	$1,200 Paid
206008377	9/11/2018	$1,200 Paid
206008633	9/11/2018	$1,200 Paid
196586556	7/19/2018	$1,200 Paid
196587270	7/22/2018	$1,200 Paid
196587280	7/22/2018	$1,200 Paid
701606281	8/17/2018	$1,200 Paid
701641124	9/5/2018	$1,200 Paid
701641133	9/5/2018	$1,200 Paid
206005480	9/5/2018	$750 Paid
206008276	9/6/2018	$1,800 Paid

206008285	9/6/2018	$750 Paid
206008294	9/6/2018	$1,200 Paid
206008303	9/6/2018	$1,200 Paid
206008523	9/6/2018	$1,800 Paid
205971527	9/23/2018	$1,200 Paid
205971536	9/23/2018	$1,200 Paid
205975110	9/23/2018	$1,200 Paid
205975120	9/23/2018	$250 Paid
205975139	9/23/2018	$750 Paid
205975148	9/23/2018	$750 Paid
701681916	9/29/2018	$750 Paid
701692788	10/9/2018	$1,200 Paid
205972232	10/12/2018	$250 Paid
205972443	10/15/2018	$750 Paid
205972910	10/15/2018	$1,200 Paid
205973049	10/13/2018	$1,200 Paid
205973058	10/13/2018	$750 Paid
205973067	10/13/2018	$750 Paid
205973076	10/13/2018	$250 Paid
205973709	10/13/2018	$1,200 Paid
205973718	10/13/2018	$1,200 Paid
205973727	10/13/2018	$750 Paid
205975469	10/15/2018	$1,200 Paid
205976870	10/22/2018	$1,200 Paid
205977045	10/22/2018	$1,200 Paid
205977054	10/22/2018	$750 Paid
205976825	10/19/2018	$1,800 Paid
205976880	10/22/2018	$750 Paid
205976899	10/22/2018	$750 paid
206009540	10/22/2018	$750 paid
206009522	10/22/2018	$1,200 paid
205976908	10/22/2018	$1,200 paid
205973772	10/22/2018	$250 paid
206002107	10/22/2018	$750 paid
205973763	10/22/2018	$1,200 paid
205972609	10/10/2018	$750 paid
205971691	10/3/2018	$1,200 paid
205971700	10/3/2018	$1,500 paid
205971710	10/3/2018	$750 paid
205977063	10/22/2018	$250 Paid
205971298	9/18/2018	$750 Paid
205971316	9/18/2018	$750 Paid
205971307	9/18/2018	$1,200 Paid
205971325	9/19/2018	$1,200 Paid
205971343	9/21/2018	$750 Paid
205972324	9/20/2018	$750 Paid
205973819	10/10/2018	$250 Paid

205975267	9/20/2018	$500 Paid
205977870	11/1/2018	$250 Paid
205999274	11/12/2018	$250 Paid
205999283	11/12/2018	$250 Paid
206001759	9/18/2018	$750 Paid
701702513	10/14/2018	$1,200 Paid
701702440	10/15/2018	$1,200 Paid
701702430	10/15/2018	$1,200 Paid
701699534	10/13/2018	$1,200 Paid
701699252	10/13/2018	$1,200 Paid
701699213	10/11/2018	$1,200 Paid
701699204	10/11/2018	$1,200 Paid
701697554	10/10/2018	$1,200 Paid
701697545	10/10/2018	$1,200 Paid
207736816	11/25/2018	$250 Paid
207736807	11/25/2018	$1,200 Paid
207736798	11/25/2018	$1,200 Paid
207736789	11/25/2018	$1,200 Paid
205998641	11/23/2018	$1,200 Paid
205998385	11/19/2018	$250 Paid
205998311	11/18/2018	$750 Paid
205998302	11/18/2018	$250 Paid
205978365	11/6/2018	$750 Paid
205978338	11/6/2018	$750 Paid
205978329	11/6/2018	$1,200 Paid
205978163	11/7/2018	$750 Paid
205978154	11/7/2018	$1,200 Paid
205977860	10/31/2018	$750 Paid
205976733	11/1/2018	$250 Paid
205976650	10/27/2018	$750 Paid
205973221	11/6/2018	$750 Paid
205973222	11/6/2018	$750 Paid
205973213	11/6/2018	$1,200 Paid
207734928	12/14/2018	$1,200 Paid
205998248	12/5/2018	$750 Paid
205998257	12/5/2018	$250 Paid
205998852	12/5/2018	$250 Paid
205999999	12/5/2018	$1,800 Paid
207736917	12/1/2018	$1,200 Paid
207736926	12/1/2018	$750 Paid
207736935	12/1/2018	$250 Paid
207736944	12/1/2018	$1,200 Paid
207736953	12/1/2018	$750 Paid
207736962	12/1/2018	$750 Paid
207737027	12/1/2018	$1,200 Paid
207737036	12/1/2018	$750 Paid
207737045	12/1/2018	$750 Paid

205971729	10/3/2018	$3,600 Paid
207730692	12/11/2018	$250 Paid
207730701	12/11/2018	$750 Paid
205998908	12/6/2018	$1,200 Paid
205999449	12/8/2018	$1,500 Paid
206009679	12/8/2018	$1,200 Paid
206009688	12/8/2018	$750 Paid
206009697	12/8/2018	$750 Paid
206009706	12/8/2018	$500 Paid
206009715	12/8/2018	$250 Paid
206009724	12/8/2018	$250 Paid
207730674	12/10/2018	$750 Paid
207730683	12/10/2018	$250 Paid
207730665	12/10/2018	$1,800 Paid
207730849	12/6/2018	$500 Paid
207730858	12/6/2018	$1,800 Paid
207730867	12/6/2018	$750 Paid
207732847	12/9/2018	$1,200 Paid
207732856	12/9/2018	$750 Paid
207732865	12/9/2018	$750 Paid
207732874	12/9/2018	$250 Paid
207732993	12/11/2018	$750 Paid
207733058	12/7/2018	$1,200 Paid
207733076	12/8/2018	$750 Paid
207733269	12/7/2018	$1,200 Paid
207733800	12/10/2018	$1,800 Paid
207733819	12/10/2018	$750 Paid
207734762	12/9/2018	$750 Paid
207734771	12/9/2018	$100 Paid
207736504	12/9/2018	$1,200 Paid
207737512	12/17/2018	$1,230 Paid
207737521	12/17/2018	$280 Paid
207737669	12/20/2018	$750 Paid
207733195	12/13/2018	$280 Paid
207733864	12/13/2018	$1,830 Paid
207733873	12/13/2018	$780 Paid
207733882	12/13/2018	$280 Paid
207733891	12/13/2018	$780 Paid
207733900	12/13/2018	$780 Paid
207733956	12/13/2018	$780 Paid
207730977	12/15/2018	$780 Paid
207730986	12/15/2018	$780 Paid
207730995	12/15/2018	$780 Paid
207731004	12/15/2018	$1,830 Paid
207733186	12/15/2018	$780 Paid
207733204	12/15/2018	$530 Paid
207733222	12/15/2018	$780 Paid

207734057	12/15/2018	$780 Paid
207734066	12/15/2018	$280 Paid
207734075	12/15/2018	$1,230 Paid
207734093	12/15/2018	$1,230 Paid
207733983	12/17/2018	$1,230 Paid
207733992	12/17/2018	$780 Paid
207734084	12/17/2018	$280 Paid
207734102	12/17/2018	$1,230 Paid
207734111	12/17/2018	$1,230 Paid
207734120	12/17/2018	$780 Paid
207734130	12/17/2018	$780 Paid
207734149	12/17/2018	$780 Paid
207737559	12/18/2018	$1,230 Paid
207737568	12/18/2018	$1,230 Paid
207737577	12/18/2018	$1,230 Paid
207737595	12/18/2018	$280 Paid
207737604	12/18/2018	$780 Paid
207737622	12/18/2018	$780 Paid
207737631	12/18/2018	$1,230 Paid
207737640	12/18/2018	$780 Paid
207738264	12/18/2018	$1,830 Paid
207738273	12/18/2018	$780 Paid
207738282	12/18/2018	$780 Paid
207738291	12/18/2018	$280 Paid
207737586	12/18/2018	$780 Paid
207738145	1/7/2019	$250 Paid
207738136	1/7/2019	$750 Paid
207738109	1/5/2019	$750 Paid
207743544	1/5/2019	$750 Paid
207750896	2/7/2019	$750 paid
207756020	2/26/2019	$750 paid
207756048	2/26/2019	$1,200 paid
701798846	12/17/2018	$750 paid
701805877	12/19/2018	$750 paid
701826685	1/16/2019	$750 paid
701835952	1/29/2019	$250 paid
701842617	2/1/2019	$250 paid
701824806	1/6/2019	$1,200 paid
20499307	10/31/2018	$276 Paid
206002125	10/7/2018	$2,410 paid
207748961	1/22/2019	$750 paid
701825026	1/16/2019	$750 paid
701824907	1/16/2019	$750 paid
701715448	10/23/2018	$250 paid
701702504	10/14/2018	$1,230 paid
207754526	2/2/2019	$1,530 paid
0207724083	4/9/2019	$250 paid

205977860	10/31/2018	$1,528.47	paid
701882913	3/31/2019	$1,230	paid
701883151	3/29/2019	$1,230	paid
207739245	3/29/2019	$3,600	paid
701883142	3/29/2019	$1,230	Paid
205981124	4/3/2019	$750	Paid
196585721	2/14/2019	$3,600	paid
207754571	2/23/2019	$2,250	paid
207756039	2/26/2019	$750	paid
207754562	2/23/2019	$350	paid
701860244	2/21/2019	$2,250	paid
207748943	1/22/2019	$1,800	paid
207748952	1/22/2019	$750	paid
207748970	1/22/2019	$150	paid
702030973	7/16/2019	$1,800	paid
702030982	7/16/2019	$1,800	paid
209473853	8/5/2019	$750	paid

UNITED STATES
DEPARTMENT OF LABOR

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Inspection Detail

Quick Link Reference

1192215.015 | 1138010.015 | 1094457.015 | 1091998.015 | 406862.015

Case Status: CLOSED

Inspection: 1192215.015 - Judlau Contracting Inc.

Inspection Information - Office: Manhattan

Nr: 1192215.015 Report ID: 0215000 Open Date: 10/25/2016

Judlau Contracting Inc.
37 7th Ave.
New York, NY 10011 Union Status: Union
SIC:
NAICS: 237110/Water and Sewer Line and Related Structures Construction
Mailing: 26-15 Ulmer St., Flushing, NY 11354

Inspection Type: Planned
Scope: Partial
Ownership: Private Advanced Notice: N
Safety/Health: Safety
Emphasis: N:Trench, P:Trench Close Conference: 10/25/2016
Close Case: 04/07/2017

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations	1					1
Current Violations				1		1
Initial Penalty	$9,800	$0	$0	$0	$0	$9,800
Current Penalty	$0	$0	$0	$0	$0	$0
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Fta$	Contest	LastEvent
1.	01001	Other	19260651 C02	12/17/2016		$0	$9,800	$0		I - Informal Settlement

Case Status: CLOSED

Inspection: 1138010.015 - Judlau Contracting, Inc.

Inspection Information - Office: Chicago North

Nr: 1138010.015 Report ID: 0524CC0 Open Date: 04/05/2016

Judlau Contracting, Inc.
I-90 & Touhy Ave.
Des Plaines, IL 60018
SIC:
NAICS: 237310/ Highway, Street, and Bridge Construction
Mailing: 1011 Warrenville Rd. #195, Lisle, IL 60532

Union Status: Union

Inspection Type: Unprog Rel
Scope: Partial
Ownership: Private
Safety/Health: Safety

Advanced Notice: N

Close Conference: 09/30/2016
Close Case: 03/06/2019

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations	1					1
Current Violations	1					1
Initial Penalty	$12,471	$0	$0	$0	$0	$12,471
Current Penalty	$10,000	$0	$0	$0	$0	$10,000
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Fta$	Contest	LastEvent
1.	01001	Serious	19260020 B02	10/03/2016	10/07/2016	$10,000	$12,471	$0	10/25/2016	F - Formal Settlement

Case Status: CLOSED

Inspection: 1094457.015 - Judlau Contracting Inc.

Inspection Information - Office: Bridgeport

Nr: 1094457.015 Report ID: 0111500 Open Date: 09/18/2015

Judlau Contracting Inc.
210 North Cherry Streetparker Street
Wallingford, CT 06492
SIC:
NAICS: 237990/Other Heavy and Civil Engineering Construction
Mailing: 99 Colony Street, Meriden, CT 06450

Union Status: Union

Inspection Type: Referral
Scope: Partial
Ownership: Private
Safety/Health: Safety
Emphasis: N:Trench
Related Activity: Type Referral

Advanced Notice: N

Close Conference: 09/18/2015
Close Case: 12/14/2015

ID	Safety	Health
1023232	Yes	

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations				1		1
Current Violations				1		1
Initial Penalty	$0	$0	$0	$0	$0	$0

Current Penalty	$0	$0	$0	$0	$0	$0
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Pta$	Contest	LastEvent
1.	01001	Other	19260054 D	10/16/2015		$0	$0	$0		Z - Issued

Case Status: CLOSED

Inspection: 1091998.015 - Judlau Contracting Inc

Inspection Information - Office: Manhattan

Nr: 1091998.015 Report ID: 0215000 Open Date: 07/27/2015

Judlau Contracting Inc
2nd Ave Tunnel Const Proj, 2nd Ave At 68th St
New York, NY 10065 Union Status: Union
SIC:
NAICS: 238110/Poured Concrete Foundation and Structure Contractors
Mailing: 2615 Ulmer St, Flushing, NY 11354

Inspection Type: Unprog Rel
Scope: Complete
Ownership: Private
Safety/Health: Safety
Emphasis: L:Fall

Advanced Notice: N

Close Conference: 07/27/2015
Close Case: 03/16/2016

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations	2					2
Current Violations				1		1
Initial Penalty	$6,300	$0	$0	$0	$0	$6,300
Current Penalty	$0	$0	$0	$2,800	$0	$2,800
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

	#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Pta$	Contest	LastEvent
	1.	01001	Other	19260501 B04 II	01/22/2016	01/28/2016	$2,800	$2,800	$0		I - Informal Settlement
Deleted	2.	01002	Serious	19260502 B13	01/22/2016	01/28/2016	$0	$3,500	$0		I - Informal Settlement

Case Status: CLOSED

Inspection: 406862.015 - Judlau Contracting Inc.

Inspection Information - Office: Manhattan

Nr: 406862.015 Report ID: 0215000 Open Date: 04/21/2012

Judlau Contracting Inc.
West Broadway And Chambers Street
New York, NY 10012 Union Status: NonUnion
SIC:
NAICS: 237310/ Highway, Street, and Bridge Construction
Mailing: 26-15 Ulmer St, Flushing, NY 11354

Inspection Type: Unprog Rel

Scope:	Complete	Advanced Notice:	N		
Ownership:	Private				
Safety/Health:	Safety	Close Conference:	04/21/2012		
Emphasis:	L:Localtarg	Close Case:	07/26/2013		
Related Activity:	Type	ID	Safety	Health	
	Referral	327940	Yes		

Case Status: CLOSED

Violation Summary

	Serious	Willful	Repeat	Other	Unclass	Total
Initial Violations	1					1
Current Violations				1		1
Initial Penalty	$4,000	$0	$0	$0	$0	$4,000
Current Penalty	$0	$0	$0	$2,500	$0	$2,500
FTA Amount	$0	$0	$0	$0	$0	$0

Violation Items

#	ID	Type	Standard	Issuance	Abate	Curr$	Init$	Fta$	Contest	LastEvent
1.	01001	Other	19260251 F02	06/01/2012		$2,500	$4,000	$0		I - Informal Settlement

UNITED STATES
DEPARTMENT OF LABOR

Occupational Safety and Health Administration
200 Constitution Ave NW
Washington, DC 20210
800-321-6742 (OSHA)
TTY
www.OSHA.gov

FEDERAL GOVERNMENT

White House
Disaster Recovery Assistance
USA.gov
No Fear Act Data
U.S. Office of Special Counsel

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STATE OF ILLINOIS
FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST

The Financial Disclosures and Conflicts of Interest form ("form") must be accurately completed and submitted by the vendor, parent entity(ies), and subcontractors. There are **nine** steps to this form and each must be completed as instructed in the step heading and within the step. A bid or offer that does not include this form shall be considered non-responsive. The Agency will consider this form when evaluating the bid or offer or awarding the contract.

The requirement of disclosure of financial interests and conflicts of interest is a continuing obligation. If circumstances change and the disclosure is no longer accurate, then disclosing entities must provide an updated form.

Separate forms are required for the vendor, parent entity(ies), and subcontractors.

This disclosure is submitted for:

☐ Vendor

☒ Vendor's Parent Entity(ies) (100% ownership) **Obrascon Huarte Lain Construccion Internacional, S.L., Inc. owns 100% of OHL USA, Inc., which in turn owns 100% of Vendor.**

☐ Subcontractor(s) >$50,000 (annual value)

☐ Subcontractor's Parent Entity(ies) (100% ownership) > $50,000 (annual value)

Project Name	I-57 Widening at I-294 Interchange
Illinois Procurement Bulletin Number	Click here to enter text.
Contract Number	I-19-4464
Vendor Name	Judlau Contracting, Inc.
Doing Business As (DBA)	OHL North America
Disclosing Entity	Obrascon Huarte Lain Construccion Internacional, S.L.
Disclosing Entity's Parent Entity	Obrascon Huarte Lain, S.A.
Subcontractor	NONE
Instrument of Ownership or Beneficial Interest	Other ☒ If you selected Other, please describe: Foreign Company

STEP 1
SUPPORTING DOCUMENTATION SUBMITTAL

(All vendors complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

You must select one of the six options below and select the documentation you are submitting. You must provide the documentation that the applicable section requires with this form.

☐ Option 1 – Publicly Traded Entities

1.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

1.B. ☐ Attach a copy of the Federal 10-K or provide a web address of an electronic copy of the Federal 10-K, and skip to Step 3.

☐ Option 2 – Privately Held Entities with more than 100 Shareholders

2.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

2.B. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership share in excess of 5% and attach the information Federal 10-K reporting companies are required to report under 17 CFR 229.401.

☐ Option 3 – All other Privately Held Entities, not including Sole Proprietorships

3.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

☒ Option 4 – Foreign Entities

4.A. ☒ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

4.B. ☐ Attach a copy of the Securities Exchange Commission Form 20-F or 40-F and skip to Step 3.

☐ Option 5 – Not-for-Profit Entities

☐ Complete Step 2, Option B.

☐ Option 6 – Sole Proprietorships

☐ Skip to Step 3.

STEP 2
DISCLOSURE OF FINANCIAL INTEREST OR BOARD OF DIRECTORS

(All vendors, except sole proprietorships, must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Complete **either** Option A (for all entities other than not-for-profits) or Option B (for not-for-profits). Additional rows may be inserted into the tables or an attachment may be provided if needed.

OPTION A – Ownership Share and Distributive Income

Ownership Share – If you selected Option 1.A., 2.A., 2.B., 3.A., or 4.A. in Step 1, provide the name and address of each individual or entity and their percentage of ownership if said percentage exceeds 5%, or the dollar value of their ownership if said dollar value exceeds $106,447.20.

☐ Check here if including an attachment with requested information in a format substantially similar to the format below.

TABLE – X

Name	Address	Percentage of Ownership	$ Value of Ownership
Obrascon Huarte Lain, S.A.	Paseo de la Castellana 259-D, Torre Espacio Madrid, Spain 28046	100%	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Distributive Income – If you selected Option 1.A., 2.A., 3.A., or 4.A. in Step 1, provide the name and address of each individual or entity and their percentage of the disclosing vendor's total distributive income if said percentage exceeds 5% of the total distributive income of the disclosing entity, or the dollar value of their distributive income if said dollar value exceeds $106,447.20.

☐ Check here if including an attachment with requested information in a format substantially similar to the format below.

TABLE – Y

Name	Address	% of Distributive Income	$ Value of Distributive Income
Obrascon Huarte Lain, S.A	Paseo de la Castellana 259-D, Torre Espacio Madrid, Spain 28046	100%	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

FINANCIAL DISCLOSURES AND CONFLICTS OF INTERESTS

Please certify that the following statements are true.

I have disclosed all individuals or entities that hold an ownership interest of greater than 5% or greater than $106,447.20.

☒ Yes ☐ No

I have disclosed all individuals or entities that were entitled to receive distributive income in an amount greater than $106,447.20 or greater than 5% of the total distributive income of the disclosing entity.

☒ Yes ☐ No

OPTION B – Disclosure of Board of Directors (Not-for-Profits)

If you selected Option 5 in Step 1, list members of your board of directors. Please include an attachment if necessary.

TABLE – Z

Name	Address
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.

STEP 3
DISCLOSURE OF LOBBYIST OR AGENT

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

☐ Yes ☒ No. Is your company represented by or do you employ a lobbyist required to register under the Lobbyist Registration Act (lobbyist must be registered pursuant to the Act with the Secretary of State) or other agent who is not identified through Step 2, Option A above and who has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer? If yes, please identify each lobbyist and agent, including the name and address below.

If you have a lobbyist that does not meet the criteria, then you do not have to disclose the lobbyist's information.

Name	Address	Relationship to Disclosing Entity
Click here to enter text.	Click here to enter text.	Click here to enter text.

Describe all costs/fees/compensation/reimbursements related to the assistance provided by each representative lobbyist or other agent to obtain this Agency contract: Click here to enter text.

STEP 4
PROHIBITED CONFLICTS OF INTEREST

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Step 4 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above. Please provide the name of the person for which responses are provided: Click here to enter text.

1. **Do you hold or are you the spouse or minor child who holds an elective office in the State of Illinois or hold a seat in the General Assembly?** ☐ Yes ☐ No
2. **Have you, your spouse, or minor child been appointed to or employed in any offices or agencies of State government and receive compensation for such employment in excess of 60% ($106,447.20) of the salary of the Governor?** ☐ Yes ☐ No
3. **Are you or are you the spouse or minor child of an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority?** ☐ Yes ☐ No
4. **Have you, your spouse, or an immediate family member who lives in your residence currently or who lived in your residence within the last 12 months been appointed as a member of a board, commission, authority, or task force authorized or created by State law or by executive order of the Governor?** ☐ Yes ☐ No
5. **If you answered yes to any question in 1-4 above, please answer the following: Do you, your spouse, or minor child receive from the vendor more than 7.5% of the vendor's total distributable income or an amount of distributable income in excess of the salary of the Governor ($177,412.00)?** ☐ Yes ☐ No
6. **If you answered yes to any question in 1-4 above, please answer the following: Is there a combined interest of self with spouse or minor child more than 15% in the aggregate of the vendor's distributable income or an amount of distributable income in excess of two times the salary of the Governor ($354,824.00)?** ☐ Yes ☐ No

STEP 5
POTENTIAL CONFLICTS OF INTEREST RELATING TO PERSONAL RELATIONSHIPS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Step 5 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above.

Please provide the name of the person for which responses are provided: Click here to enter text.

1. **Do you currently have, or in the previous 3 years have you had State employment, including contractual employment of services?** ☐ Yes ☐ No
2. **Has your spouse, father, mother, son, or daughter, had State employment, including contractual employment for services, in the previous 2 years?** ☐ Yes ☐ No

3. Do you hold currently or have you held in the previous 3 years elective office of the State of Illinois, the government of the United States, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois? ☐ Yes ☐ No

4. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding elective office currently or in the previous 2 years? ☐ Yes ☐ No

5. Do you hold or have you held in the previous 3 years any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of expenses incurred in the discharge of that office? ☐ Yes ☐ No

6. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding appointive office currently or in the previous 2 years? ☐ Yes ☐ No

7. Do you currently have or in the previous 3 years had employment as or by any registered lobbyist of the State government? ☐ Yes ☐ No

8. Do you currently have or in the previous 2 years had a relationship to anyone (spouse, father, mother, son, or daughter) that is or was a registered lobbyist? ☐ Yes ☐ No

9. Do you currently have or in the previous 3 years had compensated employment by any registered election or re-election committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections? ☐ Yes ☐ No

10. Do you currently have or in the previous 2 years had a relationship to anyone (spouse, father, mother, son, or daughter) who is or was a compensated employee of any registered election or reelection committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections? ☐ Yes ☐ No

STEP 6
EXPLANATION OF AFFIRMATIVE RESPONSES

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

If you answered "Yes" in Step 4 or Step 5, please provide on an additional page a detailed explanation that includes, but is not limited to the name, salary, State agency or university, and position title of each individual.

STEP 7
POTENTIAL CONFLICTS OF INTEREST RELATING TO DEBARMENT & LEGAL PROCEEDINGS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

This step must be completed for each person disclosed in Step 2, Option A, Step 3, and for each entity and sole proprietor disclosed in Step 1.

Please provide the name of the person or entity for which responses are provided: **Obrascon Huarte Lain Construccion Internacional, S.L.**

1. Within the previous ten years, have you had debarment from contracting with any governmental entity? ☐ Yes ☒ No
2. Within the previous ten years, have you had any professional licensure discipline? ☐ Yes ☒ No
3. Within the previous ten years, have you had any bankruptcies? ☐ Yes ☒ No
4. Within the previous ten years, have you had any adverse civil judgments and administrative findings? ☐ Yes ☒ No
5. Within the previous ten years, have you had any criminal felony convictions? ☐ Yes ☒ No

If you answered "Yes", please provide a detailed explanation that includes, but is not limited to the name, State agency or university, and position title of each individual. Please see attached

STEP 8
DISCLOSURE OF CURRENT AND PENDING CONTRACTS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

If you selected Option 1, 2, 3, 4, or 6 in Step 1, do you have any contracts, pending contracts, bids, proposals, subcontracts, leases or other ongoing procurement relat+ionships with units of State of Illinois government?

☐ Yes ☒ No.

If "Yes", please specify below. Additional rows may be inserted into the table or an attachment may be provided if needed.

Agency	Project Title	Status	Value	Contract Reference/P.O./Illinois Procurement Bulletin #

Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Please explain the procurement relationship: Click here to enter text.

STEP 9
SIGN THE DISCLOSURE

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

This disclosure is signed, and made under penalty of perjury for all for-profit entities, by an authorized officer or employee on behalf of the bidder or offeror pursuant to Sections 50-13 and 50-35 of the Illinois Procurement Code. This disclosure information is submitted on behalf of:

Name of Disclosing Entity: Obrascon Huarte Lain Construccion Internacional, S.L.

Signature [redacted] **Date:** 11-8-2019

Printed Name: Enrique Gil Cerezo

Title: Estimating and Tendering Director

Phone Number: +34 913 48 43 99

Email Address: gile@ohl.es

STATE OF ILLINOIS
FINANCIAL DISCLOSURES AND CONFLICTS OF INTEREST

The Financial Disclosures and Conflicts of Interest form ("form") must be accurately completed and submitted by the vendor, parent entity(ies), and subcontractors. There are **nine** steps to this form and each must be completed as instructed in the step heading and within the step. A bid or offer that does not include this form shall be considered non-responsive. The Agency will consider this form when evaluating the bid or offer or awarding the contract.

The requirement of disclosure of financial interests and conflicts of interest is a continuing obligation. If circumstances change and the disclosure is no longer accurate, then disclosing entities must provide an updated form.

Separate forms are required for the vendor, parent entity(ies), and subcontractors.

This disclosure is submitted for:

☐ Vendor

☒ Vendor's Parent Entity(ies) (100% ownership) **Obrascon Huarte Lain, S.A. owns 100% of Obrascon Huarte Lain Construccion Internacional, S.L., Inc. which in turn owns 100% of OHL USA, Inc., which in turn owns 100% of Vendor.**

☐ Subcontractor(s) >$50,000 (annual value)

☐ Subcontractor's Parent Entity(ies) (100% ownership) > $50,000 (annual value)

Project Name	I-57 Widening at I-294 Interchange
Illinois Procurement Bulletin Number	Click here to enter text.
Contract Number	I-19-4464
Vendor Name	Judlau Contracting, Inc.
Doing Business As (DBA)	OHL North America
Disclosing Entity	Obrascon Huarte Lain, S.A.
Disclosing Entity's Parent Entity	N/A
Subcontractor	NONE
Instrument of Ownership or Beneficial Interest	Other ☒ If you selected Other, please describe: Publicly Traded Foreign Company

STEP 1
SUPPORTING DOCUMENTATION SUBMITTAL

(All vendors complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

You must select one of the six options below and select the documentation you are submitting. You must provide the documentation that the applicable section requires with this form.

☐ Option 1 – Publicly Traded Entities

1.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

1.B. ☐ Attach a copy of the Federal 10-K or provide a web address of an electronic copy of the Federal 10-K, and skip to Step 3.

☐ Option 2 – Privately Held Entities with more than 100 Shareholders

2.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

2.B. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership share in excess of 5% and attach the information Federal 10-K reporting companies are required to report under 17 CFR 229.401.

☐ Option 3 – All other Privately Held Entities, not including Sole Proprietorships

3.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

☒ Option 4 – Foreign Entities

4.A. ☐ Complete Step 2, Option A for each qualifying individual or entity holding any ownership or distributive income share in excess of 5% or an amount greater than 60% ($106,447.20) of the annual salary of the Governor.

OR

4.B. ☒ Attach a copy of the Securities Exchange Commission Form 20-F or 40-F and skip to Step 3.

☐ Option 5 – Not-for-Profit Entities

☐ Complete Step 2, Option B.

☐ Option 6 – Sole Proprietorships

☐ Skip to Step 3.

STEP 2
DISCLOSURE OF FINANCIAL INTEREST OR BOARD OF DIRECTORS

(All vendors, except sole proprietorships, must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Complete either Option A (for all entities other than not-for-profits) or Option B (for not-for-profits). Additional rows may be inserted into the tables or an attachment may be provided if needed.

OPTION A – Ownership Share and Distributive Income

Ownership Share – If you selected Option 1.A., 2.A., 2.B., 3.A., or 4.A. in Step 1, provide the name and address of each individual or entity and their percentage of ownership if said percentage exceeds 5%, or the dollar value of their ownership if said dollar value exceeds $106,447.20.

☐ **Check here if including an attachment with requested information in a format substantially similar to the format below.**

TABLE – X			
Name	**Address**	**Percentage of Ownership**	**$ Value of Ownership**
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Distributive Income – If you selected Option 1.A., 2.A., 3.A., or 4.A. in Step 1, provide the name and address of each individual or entity and their percentage of the disclosing vendor's total distributive income if said percentage exceeds 5% of the total distributive income of the disclosing entity, or the dollar value of their distributive income if said dollar value exceeds $106,447.20.

☐ **Check here if including an attachment with requested information in a format substantially similar to the format below.**

TABLE – Y			
Name	**Address**	**% of Distributive Income**	**$ Value of Distributive Income**
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

FINANCIAL DISCLOSURES AND CONFLICTS OF INTERESTS

Please certify that the following statements are true.

I have disclosed all individuals or entities that hold an ownership interest of greater than 5% or greater than $106,447.20.

☐ Yes ☐ No

I have disclosed all individuals or entities that were entitled to receive distributive income in an amount greater than $106,447.20 or greater than 5% of the total distributive income of the disclosing entity.

☐ Yes ☐ No

OPTION B – Disclosure of Board of Directors (Not-for-Profits)

If you selected Option 5 in Step 1, list members of your board of directors. Please include an attachment if necessary.

TABLE – Z

Name	Address
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.

STEP 3
DISCLOSURE OF LOBBYIST OR AGENT

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

☐ Yes ☒ No. Is your company represented by or do you employ a lobbyist required to register under the Lobbyist Registration Act (lobbyist must be registered pursuant to the Act with the Secretary of State) or other agent who is not identified through Step 2, Option A above and who has communicated, is communicating, or may communicate with any State officer or employee concerning the bid or offer? If yes, please identify each lobbyist and agent, including the name and address below.

If you have a lobbyist that does not meet the criteria, then you do not have to disclose the lobbyist's information.

Name	Address	Relationship to Disclosing Entity
Click here to enter text.	Click here to enter text.	Click here to enter text.

Describe all costs/fees/compensation/reimbursements related to the assistance provided by each representative lobbyist or other agent to obtain this Agency contract: Click here to enter text.

STEP 4
PROHIBITED CONFLICTS OF INTEREST

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Step 4 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above. Please provide the name of the person for which responses are provided: Click here to enter text.

1. **Do you hold or are you the spouse or minor child who holds an elective office in the State of Illinois or hold a seat in the General Assembly?** ☐ Yes ☐ No
2. **Have you, your spouse, or minor child been appointed to or employed in any offices or agencies of State government and receive compensation for such employment in excess of 60% ($106,447.20) of the salary of the Governor?** ☐ Yes ☐ No
3. **Are you or are you the spouse or minor child of an officer or employee of the Capital Development Board or the Illinois Toll Highway Authority?** ☐ Yes ☐ No
4. **Have you, your spouse, or an immediate family member who lives in your residence currently or who lived in your residence within the last 12 months been appointed as a member of a board, commission, authority, or task force authorized or created by State law or by executive order of the Governor?** ☐ Yes ☐ No
5. **If you answered yes to any question in 1-4 above, please answer the following: Do you, your spouse, or minor child receive from the vendor more than 7.5% of the vendor's total distributable income or an amount of distributable income in excess of the salary of the Governor ($177,412.00)?** ☐ Yes ☐ No
6. **If you answered yes to any question in 1-4 above, please answer the following: Is there a combined interest of self with spouse or minor child more than 15% in the aggregate of the vendor's distributable income or an amount of distributable income in excess of two times the salary of the Governor ($354,824.00)?** ☐ Yes ☐ No

STEP 5
POTENTIAL CONFLICTS OF INTEREST RELATING TO PERSONAL RELATIONSHIPS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

Step 5 must be completed for each person disclosed in Step 2, Option A and for sole proprietors identified in Step 1, Option 6 above.

Please provide the name of the person for which responses are provided: Click here to enter text.

1. **Do you currently have, or in the previous 3 years have you had State employment, including contractual employment of services?** ☐ Yes ☐ No
2. **Has your spouse, father, mother, son, or daughter, had State employment, including contractual employment for services, in the previous 2 years?** ☐ Yes ☐ No

3. Do you hold currently or have you held in the previous 3 years elective office of the State of Illinois, the government of the United States, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois? ☐ Yes ☐ No

4. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding elective office currently or in the previous 2 years? ☐ Yes ☐ No

5. Do you hold or have you held in the previous 3 years any appointive government office of the State of Illinois, the United States of America, or any unit of local government authorized by the Constitution of the State of Illinois or the statutes of the State of Illinois, which office entitles the holder to compensation in excess of expenses incurred in the discharge of that office? ☐ Yes ☐ No

6. Do you have a relationship to anyone (spouse, father, mother, son, or daughter) holding appointive office currently or in the previous 2 years? ☐ Yes ☐ No

7. Do you currently have or in the previous 3 years had employment as or by any registered lobbyist of the State government? ☐ Yes ☐ No

8. Do you currently have or in the previous 2 years had a relationship to anyone (spouse, father, mother, son, or daughter) that is or was a registered lobbyist? ☐ Yes ☐ No

9. Do you currently have or in the previous 3 years had compensated employment by any registered election or re-election committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections? ☐ Yes ☐ No

10. Do you currently have or in the previous 2 years had a relationship to anyone (spouse, father, mother, son, or daughter) who is or was a compensated employee of any registered election or reelection committee registered with the Secretary of State or any county clerk in the State of Illinois, or any political action committee registered with either the Secretary of State or the Federal Board of Elections? ☐ Yes ☐ No

STEP 6
EXPLANATION OF AFFIRMATIVE RESPONSES

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

If you answered "Yes" in Step 4 or Step 5, please provide on an additional page a detailed explanation that includes, but is not limited to the name, salary, State agency or university, and position title of each individual.

STEP 7
POTENTIAL CONFLICTS OF INTEREST RELATING TO DEBARMENT & LEGAL PROCEEDINGS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

This step must be completed for each person disclosed in Step 2, Option A, Step 3, and for each entity and sole proprietor disclosed in Step 1.

Please provide the name of the person or entity for which responses are provided: **Obrascon Huarte Lain, S.A.**

1. Within the previous ten years, have you had debarment from contracting with any governmental entity? ☐ Yes ☒ No
2. Within the previous ten years, have you had any professional licensure discipline? ☐ Yes ☒ No
3. Within the previous ten years, have you had any bankruptcies? ☐ Yes ☒ No
4. Within the previous ten years, have you had any adverse civil judgments and administrative findings? ☒ Yes ☐ No
5. Within the previous ten years, have you had any criminal felony convictions? ☐ Yes ☒ No

If you answered "Yes", please provide a detailed explanation that includes, but is not limited to the name, State agency or university, and position title of each individual. Please see attached

STEP 8
DISCLOSURE OF CURRENT AND PENDING CONTRACTS

(Complete only if bid, offer, or contract has an annual value over $50,000)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

If you selected Option 1, 2, 3, 4, or 6 in Step 1, do you have any contracts, pending contracts, bids, proposals, subcontracts, leases or other ongoing procurement relat+ionships with units of State of Illinois government?

☐ Yes ☒ No.

If "Yes", please specify below. Additional rows may be inserted into the table or an attachment may be provided if needed.

Agency	Project Title	Status	Value	Contract Reference/P.O./Illinois Procurement Bulletin #
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

Please explain the procurement relationship: Click here to enter text.

STEP 9
SIGN THE DISCLOSURE

(All vendors must complete regardless of annual bid, offer, or contract value)
(Subcontractors with subcontract annual value of more than $50,000 must complete)

This disclosure is signed, and made under penalty of perjury for all for-profit entities, by an authorized officer or employee on behalf of the bidder or offeror pursuant to Sections 50-13 and 50-35 of the Illinois Procurement Code. This disclosure information is submitted on behalf of:

Name of Disclosing Entity: Obrascon Huarte Lain, S.A.

Signature: [redacted] **Date:** 11-8-2019

Printed Name: Enrique Gil Cerezo

Title: Estimating and Tendering Director

Phone Number: +34 913 48 43 99

Email Address: gile@ohl.es

State of Illinois Chief Procurement Office

Financial Disclosures and Conflicts of Interest

STEP 7 - Q4 POTENTIAL CONFLICTS OF INTEREST RELATING TO DEBARMENT & LEGAL PROCEEDINGS

4. Within the previous ten years, have you had any adverse civil judgments and administrative findings?

As with most construction companies, there may be, within the previous ten years, minor adverse civil judgments and administrative findings against Obrascón Huarte Lain, S.A. (the "**Disclosing Entity**") in the ordinary course of its operations, none of which prevent the company from being able to comply with its contractual obligations or undertake new projects.

As a listed company on the secondary market of the Madrid and Barcelona Stock Exchanges (Spain), the Disclosing Entity's equity and financial position results from the *Consolidated Financial Statements and Consolidated Director's Report together with Independent Auditor's Report for Obrascon Huarte Lain, S.A. and Subsidiaries* (the "**Group**") for the year ended 31 December 2018, audited by Deloitte, S.L. on April 1, 2019 and prepared in accordance with the International Financial Reporting Standards as adopted by the European Union and the other provisions of the regulatory financing reporting framework applicable to the Group. Additionally, please see enclosed the *Interim Condensed Consolidated Financial Statements and Interim Director's Report for the six-month period ended 30 June 2019* audited by Deloitte, S.L. on July 29, 2019.

The Consolidated Financial Statements state the most salient lawsuits arising from the ordinary course of its operations at the end of 2018 and the interim report gives updated information for the first half of 2019. In addition to this litigation, the Disclosing Entity is involved in other minor lawsuits arising from the ordinary course of its operations, none of which are for a significant individual amount. Consolidated Financial Statements of the Disclosing Entity and its subsidiaries are available on the Disclosing Entity's website (www.ohl.es) and are hereby attached for your convenience.

Recognition of revenue from long-term contracts and amounts to be billed for work performed

Description

The Group uses the percentage of completion method to recognise revenue from long-term construction contracts.

This revenue recognition method was a key matter in our audit, since it affects the valuation of the amounts to be billed for work performed (ABWP), which at 31 December 2017 totalled EUR 1,039 million, and a very significant amount of total consolidated revenue, and requires Group management to make significant estimates relating mainly to the expected outcome of the contract, the amount of costs yet to be incurred, the measurement of the work completed in the period, and the probability of recovering the amounts of claims and modifications to the initial contract which, although not approved by the end customer, the Group considers it is likely to be entitled to receive, taking into account the status of the negotiations and the requirements of the applicable regulatory framework in this regard.

These judgements and estimates are made by the persons in charge of performing the construction work, are subsequently reviewed at the various levels of the organisation, and are submitted to controls designed to ensure the consistency and reasonableness of the criteria applied. In this connection, the construction project budgets, contract modifications and claims or damage caused affecting the judgements and estimates must be very closely monitored.

As indicated in Note 3.9, these judgements and estimates include most notably those associated with the Hospital de Sidra project, which has amounts to be billed for work performed, in dispute, of EUR 346 million.

Procedures applied in the audit

Our audit procedures included a detailed analysis of a selection of projects, based on qualitative and quantitative factors, in order to evaluate the reasonableness of the assumptions and hypotheses used by the Group. For this purpose, we held meetings with technical personnel of the Group and involved our internal infrastructure project specialists in order to evaluate, for certain significant projects, both the reasonableness of the assumptions and hypotheses used in updating the estimated costs, and the consistency of the stage of completion in relation to the actual units of work completed. We also reviewed the estimates made by the Group in 2016 with respect to the actual data for the contracts in 2017.

As regards the amounts to be billed for work performed, we analysed whether the recognition of revenue from work in progress that has not been approved by the end customer is appropriate in light of the applicable framework. To this end, and in order to obtain evidence about the recoverability of the collection rights arising from contract modifications and claims, we evaluated the evidence provided by management, including, inter alia, legal opinions and correspondence with customers. With respect to a selection of contracts based on qualitative and quantitative factors, we analysed the reasonableness of the most significant positions.

Lastly, we verified that the notes to the accompanying consolidated financial statements include the related disclosures required by the financial reporting framework. In this regard, the disclosures in Notes 2.6.15, 3.9 and 4.6.2.5 to the consolidated financial statements in connection with this matter are in conformity with those required by the applicable accounting regulations.

Obrascón Huarte Lain, S.A. and Subsidiaries

Consolidated Financial Statements for the year ended 31 December 2017 and Consolidated Directors' Report, together with Independent Auditor's Report

Translation of a report originally issued in Spanish based on our work performed in accordance with the audit regulations in force in Spain and of consolidated financial statements originally issued in Spanish and prepared in accordance with the regulatory financial reporting framework applicable to the Group in Spain (see Notes 2 and 6). In the event of a discrepancy, the Spanish-language version prevails.

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www.deloitte.es

Translation of a report originally issued in Spanish based on our work performed in accordance with the audit regulations in force in Spain and of consolidated financial statements originally issued in Spanish and prepared in accordance with the regulatory financial reporting framework applicable to the Group in Spain (see Notes 2 and 6). In the event of a discrepancy, the Spanish-language version prevails.

INDEPENDENT AUDITOR'S REPORT ON CONSOLIDATED FINANCIAL STATEMENTS

To the Shareholders of Obrascón Huarte Lain, S.A.,

Report on the Consolidated Financial Statements

Opinion

We have audited the consolidated financial statements of Obrascón Huarte Lain, S.A. (the Parent) and its subsidiaries (the Group), which comprise the consolidated balance sheet as at 31 December 2017, and the consolidated statement of profit or loss, consolidated statement of comprehensive income, consolidated statement of changes in equity, consolidated statement of cash flows and notes to the consolidated financial statements for the year then ended.

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the consolidated equity and consolidated financial position of the Group as at 31 December 2017, and its consolidated results and its consolidated cash flows for the year then ended in accordance with International Financial Reporting Standards as adopted by the European Union (EU-IFRSs) and the other provisions of the regulatory financial reporting framework applicable to the Group in Spain.

Basis for Opinion

We conducted our audit in accordance with the audit regulations in force in Spain. Our responsibilities under those regulations are further described in the *Auditor's Responsibilities for the Audit of the Consolidated Financial Statements* section of our report.

We are independent of the Group in accordance with the ethical requirements, including those pertaining to independence, that are relevant to our audit of the consolidated financial statements in Spain pursuant to the audit regulations in force. In this regard, we have not provided any services other than those relating to the audit of financial statements and there have not been any situations or circumstances that, in accordance with the aforementioned audit regulations, might have affected the requisite independence in such a way as to compromise our independence.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Material Uncertainty Related to Going Concern

As indicated in Notes 3.17 and 4.2.1 to the accompanying consolidated financial statements, in March 2017 the Group formalised a multi-product finance facility in order to cater for the future needs arising from its business plan. The availability of this facility, which matures in 2018, is tied to compliance with a plan that included significant divestments that the Group had to perform prior to 2017 year-end. In the course of 2017 the initial agreement was novated in order to adapt the cash requirements to the Group's various activities. Also, after year-end, certain waivers were obtained from the banks with respect to the requirement to achieve financial ratios associated with the syndicated and multi-product financing arrangements. These waivers are tied to the obligation to repay both financing agreements once the divestment in progress has been formalised.

In this context, as indicated in Note 1.3 to the accompanying consolidated financial statements, in November the Group entered into an agreement to sell all the share capital of OHL Concesiones, S.A.U. (the parent of the Group's Concessions Division), for approximately EUR 2,200 million, which included certain conditions precedent that had not yet been fulfilled at the date of this auditor's report. The directors of the Parent of the OHL Group prepared these consolidated financial statements in accordance with the going concern basis of accounting, on the assumption that the Group's financial capacity and, consequently, the continuity of its operations will be guaranteed by the inflow of the funds arising from the aforementioned divestment.

Accordingly, at the present date, a material uncertainty exists that may cast doubt on the Group's ability to continue as a going concern and to realise its assets and settle its liabilities for the amounts and with the classification reflected in the accompanying consolidated financial statements, which depends on the fulfilment of the conditions precedent required for the effectiveness of the sale agreement mentioned above. Our opinion is not modified in respect of this matter.

Key Audit Matters

Key audit matters are those matters that, in our professional judgement, were of most significance in our audit of the consolidated financial statements of the current period. These matters were addressed in the context of our audit of the consolidated financial statements as a whole, and in forming our opinion thereon, and we do not provide a separate opinion on these matters.

In addition to the matter described in the *Material Uncertainty Related to Going Concern* section, we have determined the matters described below to be the key audit matters to be communicated in our report.

Recognition and measurement of concession infrastructure recognised as discontinued operations

Description

As a result of the agreement for the sale of all the share capital of OHL Concesiones, S.A.U., at 2017 year-end the Group recognised non-current assets classified as held for sale and discontinued operations, amounting to EUR 8,023 million, and liabilities associated with non-current assets classified as held for sale and discontinued operations, amounting to EUR 4,142 million, in the consolidated balance sheet. The Group also recognised the Concessions Division's net profit for the year in a single line item, as profit for the year from discontinued operations, in the consolidated statement of profit or loss, and it adjusted, for comparison purposes and in accordance with accounting legislation, the consolidated statement of profit or loss for the previous year. Similarly, the cash flows for 2017 and 2016 associated with the discontinued operation are presented separately.

The classification of non-current assets and associated liabilities as held for sale and discontinued operations is a key matter in our audit, since it requires the directors to make judgements as to whether the requirements established by accounting regulations have been met, in particular those relating to the probability that the divestment will take place in the short term and the estimate of the recoverable amount of the assets.

Procedures applied in the audit

Our audit procedures included, among others, the obtainment and analysis of the evidence supporting the classification of these assets, checking the supporting records for the divestment decisions taken at the appropriate level of management, as well as the review of the agreement for the sale of all the share capital of OHL Concesiones, S.A.U. in order to adequately understand the conditions precedent included therein, the periods considered and their situation at the date of the audit opinion.

Also, we analysed the reasonableness of the estimates made by the directors in terms of the valuation of the division, reviewing whether its carrying amount is consistent with the price agreed between the parties to the sale agreement.

Lastly, we evaluated whether the disclosures included in Notes 1.3 and 3.8 to the accompanying consolidated financial statements in connection with this matter are in conformity with those required by the applicable accounting regulations.

Non-current financial assets involved in insolvency proceedings

Description

As indicated in Note 3.6 to the accompanying consolidated financial statements, at 2017 year-end, the Group recognised under "Non-Current Financial Assets - Investment Securities" and "Non-Current Financial Assets - Other Receivables", the equity interests in and the loans and guarantees granted to Eje Aeropuerto, S.A. and Cercanías Móstoles Navalcarnero, S.A. ("Cemonasa"), amounting to EUR 59.9 million and EUR 160.3 million, respectively. Both of these companies are in liquidation and the concession arrangements constituting their core business activities have been terminated.

The Group tests these assets for impairment each year in order to estimate their recoverable amount. The Parent's directors consider that in a base-case resolution scenario, which is inferior to that requested by the liquidator of Eje Aeropuerto, the net investment recognised and the balances receivable associated with the construction of the infrastructure will be recovered. Also, in the case of Cemonasa, they consider that the concession arrangement supports the right to recover the net investment and the loans held at the end of 2017.

This is a key matter for our audit, since the Parent's directors' assessment of possible impairment is a complex process that includes a significant level of estimates, judgements and assumptions, including most notably the interpretation of the legal framework of the concession arrangements and the right to request an early termination value from the Spanish State, aspects which are supplemented by expert reports and third-party legal opinions that support the conclusions reached by the Group.

Procedures applied in the audit

Our audit procedures included, among others, an analysis of the concession arrangements of the companies in liquidation and of the judgements made by the directors based on the opinion of their legal advisers.

For this purpose, we obtained the legal analyses of the lawyers and legal advisers used by the Group, and the third-party expert reports available.

We analysed the reasonableness of the conclusions reached by the Group's directors considering the various factors on which those conclusions were based.

In addition, we analysed and concluded upon the suitability of the accounting treatment applied by the Group, including the disclosures made in relation to these matters, which are contained in Notes 3.6 and 4.6.2.5 to the accompanying consolidated financial statements for 2017, including the description of the existing uncertainty resulting from the insolvency and liquidation of the investments, the recoverability of which will depend on the final resolution of the aforementioned liquidation proceedings.

Other Information: Consolidated Directors' Report

The other information comprises only the consolidated directors' report for 2017, the preparation of which is the responsibility of the Parent's directors and which does not form part of the consolidated financial statements.

Our audit opinion on the consolidated financial statements does not cover the consolidated directors' report. Our responsibility relating to the information contained in the consolidated directors' report is defined in the audit regulations in force, which establish two distinct levels of review:

a) A specific level that applies to the consolidated non-financial information statement, as well as to certain information included in the Corporate Governance Report, as defined in Article 35.2.b) of Spanish Audit Law 22/2015, which consists solely of checking that the aforementioned information has been provided in the consolidated directors' report and, if this is not the case, reporting this fact.

b) A general level applicable to the other information included in the consolidated directors' report, which consists of evaluating and reporting on whether the aforementioned information is consistent with the consolidated financial statements, based on the knowledge of the Group obtained in the audit of those consolidated financial statements and excluding any information other than that obtained as evidence during the audit, as well as evaluating and reporting on whether the content and presentation of the consolidated directors' report are in conformity with the applicable regulations. If, based on the work we have performed, we conclude that there are material misstatements, we are required to report that fact.

Based on the work performed, as described in the preceding paragraphs, we have checked that the specific information described in section a) above has been provided and that the other information in the consolidated directors' report is consistent with that contained in the consolidated financial statements for 2017 and its content and presentation are in conformity with the applicable regulations.

Responsibilities of the Directors and of the Audit Committee of the Parent for the Consolidated Financial Statements

The Parent's directors are responsible for preparing the accompanying consolidated financial statements so that they present fairly the Group's consolidated equity, consolidated financial position and consolidated results in accordance with EU-IFRSs and the other provisions of the regulatory financial reporting framework applicable to the Group in Spain, and for such internal control as the directors determine is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, the Parent's directors are responsible for assessing the Group's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the directors either intend to liquidate the Group or to cease operations, or have no realistic alternative but to do so.

The Parent's audit committee is responsible for overseeing the process involved in the preparation and presentation of the consolidated financial statements.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion.

Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with the audit regulations in force in Spain will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

A further description of our responsibilities for the audit of the consolidated financial statements is included in Appendix I to this auditor's report. This description, which is on pages 8 and 9, forms part of our auditor's report.

Report on Other Legal and Regulatory Requirements

Additional Report to the Parent's Audit Committee

The opinion expressed in this report is consistent with the content of our additional report to the Parent's audit committee dated 26 February 2018.

Engagement Period

The Annual General Meeting held on 9 May 2017 appointed us as auditors for a period of one year from the year ended 31 December 2016, i.e. for 2017.

Previously, we were designated pursuant to a resolution of the General Meeting for the period of one year and have been auditing the consolidated financial statements uninterruptedly since the year ended 31 December 1990, taking into account the content of Article 17.8 of Regulation (EU) No 537/2014 on specific requirements regarding statutory audit of public-interest entities.

DELOITTE, S.L.
Registered in ROAC under no. S0692

[redacted]

Ignacio Alcaraz Elorrieta
Registered in ROAC under no. 20687

28 February 2018

Appendix I to our auditor's report

Further to the information contained in our auditor's report, in this Appendix we include our responsibilities in relation to the audit of the consolidated financial statements.

Auditor's Responsibilities for the Audit of the Consolidated Financial Statements

As part of an audit in accordance with the audit regulations in force in Spain, we exercise professional judgement and maintain professional scepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Group's internal control.

- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Parent's directors.

- Conclude on the appropriateness of the use by the Parent's directors of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Group's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Group to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

- Obtain sufficient appropriate audit evidence regarding the financial information of the entities or business activities within the Group to express an opinion on the consolidated financial statements. We are responsible for the direction, supervision and performance of the Group audit. We remain solely responsible for our audit opinion.

We communicate with the Parent's audit committee regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide the Parent's audit committee with a statement that we have complied with relevant ethical requirements, including those regarding independence, and we have communicated with it to report on all matters that may reasonably be thought to jeopardise our independence, and where applicable, on the related safeguards.

From the matters communicated with the Parent's audit committee, we determine those matters that were of most significance in the audit of the consolidated financial statements of the current period and are therefore the key audit matters.

We describe these matters in our auditor's report unless law or regulation precludes public disclosure about the matter.

OBRASCÓN HUARTE LAIN, S.A.
AND SUBSIDIARIES

Consolidated financial statements and directors' report
for the year ended 31 December 2017

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OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Consolidated balance sheets as at 31 December 2017 and 2016

ASSETS	Notes	31/12/17	31/12/16
NON-CURRENT ASSETS			
Intangible assets	3.1.		
Intangible assets		449,460	486,182
Accumulated amortisation		(218,012)	(211,648)
		231,448	**274,514**
Concession infrastructure	3.2.		
Intangible asset model		12,358	1,199,054
Financial asset model		54,417	5,240,580
		66,773	**6,439,634**
Property, plant and equipment	3.3.		
Land and buildings		118,518	130,332
Machinery		383,177	437,571
Other fixtures, tools and furniture		97,749	116,587
Advances and property, plant and equipment in the course of construction		13,261	6,237
Other items of property, plant and equipment		61,648	74,135
Accumulated depreciation and impairment losses		(482,294)	(507,851)
		212,059	**257,011**
Investment property	3.4.	**73,284**	**68,837**
Goodwill	3.5.	**12,515**	**12,515**
Non-current financial assets	3.6.		
Investment securities		209,113	113,864
Other receivables		450,037	378,300
Deposits and guarantees given		123,798	157,039
Impairment losses		(281,957)	(246,372)
		500,991	**402,831**
Investments accounted for using the equity method	3.7.	**303,127**	**513,611**
Deferred tax assets	3.21.	**285,056**	**822,114**
TOTAL NON-CURRENT ASSETS		1,685,253	8,589,067
CURRENT ASSETS			
Non-current assets classified as held for sale and discontinued operations	3.8.	**8,023,590**	**491,863**
Inventories			
Embodiment items, fungibles and replacement parts for machinery		57,029	63,971
Auxiliary shop projects and site installations		29,340	32,105
Advances to suppliers and subcontractors		68,278	117,804
Write-downs		(2,243)	(1,993)
		152,404	**211,887**
Trade and other receivables	3.9.		
Trade receivables for sales and services		1,710,407	1,806,382
Receivable from associates		172,163	254,050
Employee receivables		1,655	2,435
Tax receivables	3.21.	89,650	204,366
Sundry accounts receivable		88,230	142,253
Write-downs		(305,930)	(329,268)
		1,736,175	**2,080,218**
Current financial assets	3.6.		
Investment securities		46,660	396,168
Other receivables		100,762	271,412
Deposits and guarantees given		6,108	12,950
Write-downs		(13,409)	(17,082)
		140,119	**663,448**
Current income tax assets		**17,330**	**23,089**
Other current assets		**39,404**	**42,802**
Cash and cash equivalents	3.10.	**434,210**	**817,872**
TOTAL CURRENT ASSETS		10,543,232	4,331,279
TOTAL ASSETS		12,208,485	12,920,346

Note: the accompanying Notes 1 to 6 are an integral part of the consolidated balance sheet as at 31 December 2017.

Translation of consolidated financial statements originally issued in Spanish and prepared in accordance with the regulatory financial reporting framework applicable to the Group in Spain (see Notes 2 and 6). In the event of a discrepancy, the Spanish-language version prevails

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Consolidated balance sheets as at 31 December 2017 and 2016

EQUITY AND LIABILITIES	Notes	31/12/17	31/12/16
EQUITY			
Share capital	3.11.	179,255	179,255
Share premium	3.12.	1,265,300	1,265,300
Treasury shares	3.13.	(48,638)	(46,145)
Reserves	3.14.	(691,193)	(173,645)
Reserves of consolidated companies	3.14.	2,225,326	2,235,397
Valuation adjustments	3.15.	(751,309)	(588,135)
Consolidated loss for the year attributable to the Parent	3.22.	(12,078)	(432,338)
TOTAL EQUITY ATTRIBUTABLE TO THE PARENT		**2,166,863**	**2,439,689**
Non-controlling interests	3.16.	**2,016,863**	**1,603,204**
TOTAL EQUITY		**4,183,226**	**4,042,893**
NON-CURRENT LIABILITIES			
Debt instruments and other marketable securities	3.17.		
Corporate bond issues		883,385	1,473,418
Bond issues of concession operators		-	539,994
		883,385	**2,013,412**
Bank borrowings	3.17.		
Mortgage and other loans		10,171	659,813
Loans of concession operators		-	1,103,840
		10,171	**1,763,653**
Other financial liabilities	3.18.	**4,433**	**53,043**
Deferred tax liabilities	3.21.	**139,493**	**1,248,334**
Provisions	3.19.	**50,122**	**199,352**
Deferred income		**20,651**	**12,199**
Other non-current liabilities	3.20.	**15,867**	**185,913**
TOTAL NON-CURRENT LIABILITIES		**1,124,122**	**5,453,906**
CURRENT LIABILITIES			
Liabilities associated with non-current assets classified as held for sale and discontinued operations	3.8.	**4,141,724**	**220,008**
Debt instruments and other marketable securities	3.17.		
Corporate bond issues		21,341	31,332
Bond issues of concession operators		-	6,637
		21,341	**37,969**
Bank borrowings	3.17.		
Mortgage and other loans		606,111	499,660
Loans of concession operators		52,058	66,282
Unmatured accrued interest payable		1,168	4,618
Unmatured accrued interest payable of concession operators		1	6,672
		659,338	**577,232**
Other financial liabilities	3.18.	**4,767**	**7,055**
Trade and other payables			
Customer advances	3.8.	477,757	461,614
Accounts payable for purchases and services		1,106,619	1,405,193
Notes payable		10,954	19,256
		1,595,330	**1,886,063**
Provisions	3.19.	**225,374**	**298,230**
Current income tax liabilities		**19,570**	**29,357**
Other current liabilities	3.20.		
Payable to associates		88,998	97,511
Remuneration payable		30,283	25,940
Tax payables	3.21.	88,762	137,106
Other non-trade payables		22,717	101,841
Guarantees and deposits received		2,810	1,489
Other		321	3,746
		233,691	**367,633**
TOTAL CURRENT LIABILITIES		**6,901,135**	**3,423,547**
TOTAL EQUITY AND LIABILITIES		**12,208,485**	**12,920,346**

Note: the accompanying Notes 1 to 6 are an integral part of the consolidated balance sheet as at 31 December 2017

Translation of consolidated financial statements originally issued in Spanish and prepared in accordance with the regulatory financial reporting framework applicable to the Group in Spain (see Notes 2 and 6). In the event of a discrepancy, the Spanish-language version prevails.

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Consolidated statements of profit or loss
for the years ended 31 December 2017 and 2016

	Notes	2017	2016 (*)
Revenue	3.22.	3,216,351	3,342,369
Other operating income		166,842	181,493
Total operating income		**3,383,193**	**3,523,862**
Procurements		(2,118,250)	(2,800,073)
Staff costs	3.22.	(839,321)	(854,777)
Other operating expenses	3.22.	(482,161)	(645,313)
Depreciation and amortisation charge		(73,395)	(100,270)
Changes in provisions and allowances		(2,803)	(29,436)
LOSS FROM OPERATIONS		**(132,737)**	**(706,017)**
Finance income	3.22.	35,531	24,709
Finance costs	3.22.	(66,452)	(93,072)
Net exchange differences		(26,780)	8,418
Net gains (losses) on remeasurement of financial instruments at fair value	3.22.	32,552	(73,937)
Result of companies accounted for using the equity method		(45,452)	(148,885)
Impairment and gains or losses on disposals of financial instruments	3.22.	(1,477)	99,115
LOSS BEFORE TAX		**(224,815)**	**(889,669)**
Income tax	3.21.	7,288	32,055
LOSS FOR THE YEAR FROM CONTINUING OPERATIONS		**(217,527)**	**(857,614)**
Profit for the year from discontinued operations, net of tax	3.8.	**497,583**	**622,298**
CONSOLIDATED PROFIT (LOSS) FOR THE YEAR		**280,056**	**(235,316)**
Loss from continuing operations attributable to non-controlling interests	3.16.	381	3,467
Profit from discontinued operations attributable to non-controlling interests	3.16.	(292,513)	(200,489)
CONSOLIDATED LOSS FOR THE YEAR ATTRIBUTABLE TO THE PARENT	3.22.	**(12,076)**	**(432,338)**
Earnings / (loss) per share:			
Basic	1.6.	**(0.04)**	**(1.47)**
Diluted	1.6.	**(0.04)**	**(1.47)**
Earnings / (loss) per share from discontinued operations:			
Basic	1.6.	**0.72**	**1.44**
Diluted	1.6.	**0.72**	**1.44**

(*) Restated

Note: the accompanying Notes 1 to 6 are an integral part of the consolidated statement of profit or loss for the year ended 31 December 2017.

Translation of consolidated financial statements originally issued in Spanish and prepared in accordance with the regulatory financial reporting framework applicable to the Group in Spain (see Notes 2 and 6). In the event of a discrepancy, the Spanish-language version prevails.

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Consolidated statements of comprehensive income for the years ended 31 December 2017 and 2016

	2017	2016 (*)
CONSOLIDATED PROFIT (LOSS) FOR THE YEAR	**280,056**	**(235,316)**
INCOME AND EXPENSE RECOGNISED DIRECTLY IN EQUITY	**(424,873)**	**(451,511)**
Revaluation of financial instruments	(6,326)	(15,929)
Cash flow hedges	10,467	55,556
Translation differences	(426,400)	(485,813)
Companies accounted for using the equity method	(1,550)	9,205
Tax effect	(1,064)	(14,530)
TRANSFERS TO PROFIT OR LOSS	**29,885**	**106,850**
Revaluation of financial instruments	22,255	-
Cash flow hedges	18,706	35,778
Translation differences	(8,175)	(3,837)
Companies accounted for using the equity method	4,235	84,373
Tax effect	(7,136)	(9,464)
TOTAL COMPREHENSIVE INCOME	**(114,932)**	**(579,977)**
Attributable to the Parent	(175,250)	(573,492)
Attributable to non-controlling interests	60,318	(6,485)

(*) Restated

Note: the accompanying Notes 1 to 6 are an integral part of the consolidated statement of comprehensive income for the year ended 31 December 2017.

Translation of consolidated financial statements originally issued in Spanish and prepared in accordance with the regulatory financial reporting framework applicable to the Group in Spain (see Notes 2 and 6). In the event of a discrepancy, the Spanish-language version prevails.

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Consolidated statements of changes in equity for the years ended 31 December 2017 and 2016

	Equity attributable to the Parent							
	Share capital	Share premium and reserves	Treasury shares	Consolidated profit (loss) for the year attributable to the Parent	Valuation adjustments	Total equity attributable to the Parent	Non-controlling interests	Total equity
Ending balance at 31 December 2015	**179,255**	**3,262,958**	**(3,908)**	**55,632**	**(446,981)**	**3,046,956**	**1,764,718**	**4,811,674**
Total comprehensive income	-	-	-	**(432,338)**	**(141,154)**	**(573,492)**	**(6,485)**	**(579,977)**
Transactions with shareholders or owners	-	**(14,367)**	**(42,237)**	-	-	**(56,604)**	-	**(56,604)**
Capital increases	-	(231)	-	-	-	(231)	-	(231)
Dividends paid	-	(13,719)	-	-	-	(13,719)	-	(13,719)
Treasury share transactions	-	(417)	(42,237)	-	-	(42,654)	-	(42,654)
Other changes in equity	-	**78,461**	-	**(55,632)**	-	**22,829**	**(155,029)**	**(132,200)**
Transfers between equity items	-	55,632	-	(55,632)	-	-	-	-
Other changes	-	22,829	-	-	-	22,829	(155,029)	(132,200)
Ending balance at 31 December 2016	**179,255**	**3,327,052**	**(46,145)**	**(432,338)**	**(588,135)**	**2,439,689**	**1,603,204**	**4,042,893**
Total comprehensive income	-	-	-	**(12,076)**	**(163,174)**	**(175,250)**	**60,318**	**(114,932)**
Transactions with shareholders or owners	-	**279**	**(2,493)**	-	-	**(2,214)**	-	**(2,214)**
Capital increases	-	-	-	-	-	-	-	-
Dividends paid	-	-	-	-	-	-	-	-
Treasury share transactions	-	279	(2,493)	-	-	(2,214)	-	(2,214)
Other changes in equity	-	**(527,898)**	-	**432,338**	-	**(95,560)**	**353,041**	**257,481**
Transfers between equity items	-	(432,338)	-	432,338	-	-	-	-
Other changes	-	(95,560)	-	-	-	(95,560)	353,041	257,481
Ending balance at 31 December 2017	**179,255**	**2,799,433**	**(48,638)**	**(12,076)**	**(751,309)**	**2,166,665**	**2,016,563**	**4,183,228**

Note: the accompanying Notes 1 to 6 are an integral part of the consolidated statement of changes in equity for the year ended 31 December 2017.

Translation of consolidated financial statements originally issued in Spanish and prepared in accordance with the regulatory financial reporting framework applicable to the Group in Spain (see Notes 2 and 6). In the event of a discrepancy, the Spanish-language version prevails.

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Consolidated statements of cash flows
for the years ended 31 December 2017 and 2016

	2017	2016 (*)
A) CASH FLOWS FROM OPERATING ACTIVITIES	**(158,343)**	**(384,303)**
Loss before tax	(224,815)	(889,669)
Adjustments for:	168,276	313,358
Depreciation and amortisation charge	73,395	100,270
Other adjustments to loss	94,881	213,088
Changes in working capital	(185,851)	173,498
Other cash flows from operating activities	84,047	18,510
Dividends received	458	137
Income tax recovered (paid)	(38,936)	(41,735)
Other amounts received (paid) relating to operating activities	122,525	60,108
B) CASH FLOWS FROM INVESTING ACTIVITIES	**41,519**	**83,069**
Payments due to investment	(189,787)	(437,367)
Group companies, associates and business units	(30,711)	(89,552)
Property, plant and equipment, intangible assets and investment property	(96,273)	(48,945)
Other financial assets	(62,803)	(298,870)
Proceeds from disposal	279,379	179,326
Group companies, associates and business units	248,675	142,680
Property, plant and equipment, intangible assets and investment property	30,704	36,646
Other financial assets		-
Other cash flows from investing activities	(48,073)	341,110
Interest received	35,527	24,710
Other amounts received (paid) relating to investing activities	(83,600)	316,400
C) CASH FLOWS FROM FINANCING ACTIVITIES	**(58,464)**	**158,803**
Proceeds and (payments) relating to equity instruments	(2,212)	(42,655)
Issue		
Acquisition	(63,937)	(155,566)
Disposal	61,725	112,911
Proceeds and (payments) relating to financial liability instruments	31,274	312,743
Issue	408,162	663,516
Repayment	(376,888)	(350,773)
Dividends and returns on other equity instruments paid	-	(13,719)
Other cash flows from financing activities	(87,526)	(97,566)
Interest paid	(86,021)	(93,715)
Other amounts received (paid) relating to financing activities	(1,505)	(3,851)
D) EFFECT OF FOREIGN EXCHANGE RATE CHANGES ON CASH AND CASH EQUIVALENT	**(21,293)**	**4,694**
E) NET INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS (A+B+C+D)	**(196,581)**	**(137,737)**
F) CASH AND CASH EQUIVALENTS AT BEGINNING OF YEAR	**630,791**	**768,528**
G) CASH AND CASH EQUIVALENTS AT END OF YEAR (E+F)	**434,210**	**630,791**
COMPONENTS OF CASH AND CASH EQUIVALENTS AT END OF YEAR		
Cash on hand and at banks	410,139	609,524
Other financial assets	24,071	21,267
TOTAL CASH AND CASH EQUIVALENTS AT END OF YEAR	**434,210**	**630,791**

(*) Restated

Note: the accompanying Notes 1 to 6 are an integral part of the consolidated statement of cash flows for the year ended 31 December 2017.

CASH FLOWS FROM DISCONTINUED OPERATIONS

A) Cash flows from operating activities	364,284	144,000
B) Cash flows from investing activities	456,424	1,099,822
C) Cash flows from financing activities	(462,980)	(1,379,223)
D) Net cash flows from discontinued operations (A+B+C)	**357,728**	**(135,401)**

Translation of consolidated financial statements originally issued in Spanish and prepared in accordance with the regulatory financial reporting framework applicable to the Group in Spain (see Notes 2 and 6). In the event of a discrepancy, the Spanish-language version prevails.

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2017

1.- GENERAL INFORMATION

1.1.- Company name and registered office

Obrascón Huarte Lain, S.A., formerly Sociedad General de Obras y Construcciones Obrascón, S.A., (the Parent), was incorporated on 15 May 1911 and has its registered office in Madrid, at Paseo de la Castellana, 259 D.

1.2- Business activities

The main business activities carried on by the companies composing the Obrascón Huarte Lain Group are as follows:

Concessions

Operation of administrative infrastructure concessions, relating mainly to transport, car parks, ports and airports.

This business activity was classified as a discontinued operation in 2017 (see Note 1.3).

Engineering and Construction

Construction

Construction of all manner of civil engineering works and building construction for public- and private-sector customers, both in Spain and abroad.

Industrial

Industrial engineering, particularly complete industrial plants and systems, including the design, construction, maintenance and operation thereof and any other activity related to oil and gas, energy, solids engineering and fire safety systems.

Services

Servicing of properties and infrastructure maintenance for all types of properties, housing and offices.

Development

Development and operation of top quality mixed-use hotel-related real estate projects.

1.3.- Discontinued operation

On 16 October 2017, OHL and IFM Investors entered into an agreement for the acquisition by IFM Investors of all the share capital of OHL Concesiones, S.A.U., the main terms and conditions of which are as follows:

- The sale price was set at EUR 2,775 million, which will be paid by IFM Investors on completion of the transaction, subject to the customary adjustments for this type of transaction (net debt, exchange rate and cash contributed to each project).

  The OHL Group estimates that, after these adjustments, the amount to be paid by IFM Investors will be EUR 2,235 million.

- Cercanías Móstoles Navalcarnero and Autopista Eje Aeropuerto, companies in liquidation, were excluded from the scope of the transaction and, as a result, they will be transferred to OHL, S.A. at the net cost at which they were recognised by OHL Concesiones, S.A.U. Therefore, OHL, S.A. will be entitled to receive all the compensation arising from the liquidation processes.

On 30 November 2017, the corresponding agreement was signed with IFM Investors (through its subsidiary Global Infraico, S.L.U.), pursuant to which the acquisition will take effect.

This agreement also includes certain customary indemnity clauses whereby OHL is responsible for meeting any liabilities and obligations arising from events prior to the agreement that may be settled in the future.

As provided for in Article 160 f) of the Spanish Limited Liability Companies Law, an Extraordinary General Meeting was called for 9 January 2018, at which the transaction was approved.

The transaction is conditional upon, among other factors, the obtainment of the required authorisation from the competent Mexican authorities, the obtainment of a waiver from certain financial creditors, and the approval and launch of a tender offer by IFM Investors or a subsidiary for the share capital of OHL México, S.A.B. de C.V. not owned by IFM Investors at the transaction completion date.

On the basis of the foregoing, and pursuant to IFRS 5, in 2017 the assets and liabilities of the discontinued Concessions line of business were recognised under "Non-Current Assets Classified as Held for Sale and Discontinued Operations" and "Liabilities Associated with Non-Current Assets Classified as Held for Sale and Discontinued Operations".

The discontinuation of the Concessions line of business meant that:

- In the consolidated balance sheet as at 31 December 2017 all OHL Concesiones, S.A.U.'s assets were presented as a single line item under "Non-Current Assets Classified as Held for Sale and Discontinued Operations" and all its liabilities as a single line item under "Liabilities Associated with Non-Current Assets Classified as Held for Sale and Discontinued Operations".

- In the consolidated statements of profit or loss for 2017 and 2016, the profit net of tax and before non-controlling interests was presented as a single line item under "Profit for the Year from Discontinued Operations Net of Tax".

- The consolidated statements of cash flows for 2017 and 2016 were obtained after adjusting the 2016 and 2015 balances in line with 2017.

The balance sheet of the Concessions business for 2017, broken down by the main items, and a detail of the items in its statements of profit or loss for 2017 and 2016 that make up "Profit for the Year from Discontinued Operations Net of Tax" are shown in Note 3.8.

Also, the disclosures on "Employees" and "Backlog" do not include data for the discontinued Concessions line of business and, therefore, the information relating to 2016 was restated.

1.4.- Loss for the year, changes in equity attributable to the Parent and changes in cash flows

Loss for the year

The consolidated loss for 2017 attributable to the Parent amounted to EUR (12,076) thousand, representing -0.4% of revenue.

	Thousands of euros		
	2017	2016 (*)	% change
Revenue	3,216,351	3,342,369	-3.8
EBITDA(**)	**(56,539)**	**(576,311)**	**90.2**
EBIT	**(132,737)**	**(706,017)**	**81.2**
Financial and other results	(92,078)	(183,652)	49.9
Loss before tax	**(224,815)**	**(889,669)**	**74.7**
Income tax	7,288	32,055	-77.3
Loss for the year from continuing operations	**(217,527)**	**(857,614)**	**74.6**
Profit for the year from discontinued operations	497,583	622,298	-20.0
Profit attributable to non-controlling interests	(292,132)	(197,022)	48.3
Loss attributable to the Parent	**(12,076)**	**(432,338)**	**97.2**

(*) Restated.

(**) EBITDA is calculated as profit from operations plus the depreciation and amortisation charge plus the change in provisions and allowances.

Changes in equity attributable to the Parent

The changes in the equity attributable to the Parent in 2017 and 2016 were as follows:

	Thousands of euros
Balance at 1 January 2016	3,046,956
2016 loss attributable to the Parent	(432,338)
Valuation adjustments relating to hedges	146,370
Translation differences	(272,513)
Adjustments due to changes in available-for-sale financial assets	(15,011)
Dividend paid out of 2015 profit	(13,719)
Treasury shares	(42,237)
Treasury share transactions	(418)
Other changes	22,830
Capital increase	(231)
Balance at 31 December 2016	2,439,689
2017 loss attributable to the Parent	(12,076)
Valuation adjustments relating to hedges	22,539
Translation differences	(200,724)
Adjustments due to changes in available-for-sale financial assets	15,011
Treasury shares	(2,493)
Treasury share transactions	279
Other changes	(95,560)
Balance at 31 December 2017	2,166,665

Changes in cash flows

The cash flows in 2017 compared with those of 2016, classified on the basis of whether they arose from operating, investing or financing activities, are summarised as follows:

Cash flows	Thousands of euros		
	2017	2016 (*)	Difference
Operating activities	(158,343)	(384,303)	225,960
Investing activities	41,519	83,069	(41,550)
Financing activities	(58,464)	158,803	(217,267)
Effect of exchange rate changes on cash and cash equivalents	(21,293)	4,694	(25,987)
Net increase (decrease) in cash and cash equivalents	**(196,581)**	**(137,737)**	**(58,844)**
Cash and cash equivalents at beginning of year	**630,791**	**768,528**	**(137,737)**
Cash and cash equivalents at end of year	**434,210**	**630,791**	**(196,581)**

(*) Restated.

1.5.- Proposed allocation of loss and dividend

The allocation of the loss for 2017 that the directors of Obrascón Huarte Lain, S.A. will propose for approval by the shareholders at the Annual General Meeting is as follows:

	Thousands of euros
2017 loss	(61,780)
Allocation:	
To prior years' losses	(61,780)

1.6.- Earnings per share

Basic earnings per share

Basic earnings per share are calculated by dividing the consolidated profit or loss for the year attributable to the Parent by the weighted average number of ordinary shares outstanding during the year, excluding the average number of treasury shares held in the year.

Diluted earnings per share

Diluted earnings per share are calculated in a similar way to basic earnings per share; however, the weighted average number of shares outstanding is increased by share options, warrants and convertible debt.

In 2017 and 2016 there were no differences between the basic earnings per share and diluted earnings per share.

	Thousands of euros	
	2017	2016
Weighted average number of shares outstanding	286,194,034	293,341,703
Consolidated loss for the year attributable to the Parent	(12,076)	(432,338)
Basic loss per share = diluted loss per share	**(0.04)**	**(1.47)**
Profit for the year from discontinued operations	205,070	421,809
Basic earnings per share = diluted earnings per share from discontinued operations	**0.72**	**1.44**

2.- BASIS OF PRESENTATION AND BASIS OF CONSOLIDATION

2.1.- Basis of presentation

The consolidated financial statements for 2017 of the Obrascón Huarte Lain Group were formally prepared:

- By the Parent's directors, at the Board of Directors Meeting held on 28 February 2018.
- In accordance with International Financial Reporting Standards (IFRSs) as adopted by the European Union.
- Taking into account all the mandatory accounting principles and policies and measurement bases with a significant effect on the consolidated financial statements. The most significant accounting principles and policies and measurement bases applied in the preparation of the Group's 2017 consolidated financial statements are summarised in Note 2.6.
- So that they present fairly the Group's consolidated equity and consolidated financial position as at 31 December 2017, and the consolidated results of its operations, the consolidated comprehensive income, the changes in consolidated equity and the consolidated cash flows in 2017.
- On the basis of the accounting records kept by the Parent and by the other Group companies.

However, since the accounting principles and policies and measurement bases used in preparing the Group's consolidated financial statements for 2017 differ in many cases from those used by the Group companies (local standards), the required adjustments and reclassifications were made on consolidation to unify the accounting principles and policies and measurement bases used and to make them compliant with IFRSs.

The Group's consolidated financial statements for 2016 were approved by the shareholders at the Annual General Meeting of the Parent held on 9 May 2017.

The 2017 consolidated financial statements of the Group and the 2017 financial statements of the Parent and of the Group companies have not yet been approved by their shareholders at the respective Annual General Meetings. However, the Parent's Board of Directors considers that they will be approved without any changes.

2.2.- International Financial Reporting Standards (IFRSs)

The accounting policies and methods used in preparing these consolidated financial statements are the same as those used in the consolidated financial statements for 2016, except for the following standards and interpretations which came into force in 2017:

Entry into force of new accounting standards

In 2017 the following standards came into force:

New standards, amendments and interpretations: Approved for use in the European Union		Obligatory application in annual reporting periods beginning on or after
Amendments to IAS 7, Disclosure Initiative	Introduce additional disclosure requirements relating to the reconciliation of the changes in financial liabilities to the cash flows from financing activities	1 January 2017
Amendments to IAS 12, Recognition of Deferred Tax Assets for Unrealised Losses	Clarification of the principles established in relation to the recognition of deferred tax assets for unrealised losses	

Neither of these standards affected the consolidated financial statements for 2017.

Standards and interpretations issued but not yet in force

At the date of preparation of these consolidated financial statements, the following standards and interpretations had been published by the IASB but had not yet come into force, either because their effective date is subsequent to the date of the consolidated financial statements or because they had not yet been adopted by the European Union:

New standards, amendments and interpretations: Approved for use in the European Union		Obligatory application in annual reporting periods beginning on or after
IFRS 15, Revenue from Contracts with Customers and the related clarifications	New revenue recognition standard (supersedes IAS 18, IFRIC 15, IFRIC 18 and SIC 31).	1 January 2018
IFRS 9, Financial Instruments	Replaces the requirements in IAS 39 relating to the classification, measurement, recognition and derecognition of financial assets and financial liabilities, hedge accounting and impairment	
Amendments to IFRS 4, Insurance Contracts	Provide entities within the scope of IFRS 4 with the option of applying IFRS 9 (overlay approach) or the temporary exemption therefrom	
Improvements to IFRSs, 2014-2016 cycle	Minor amendments to a series of standards	
IFRS 16, Leases	Supersedes IAS 17 and the related interpretations. The main development of the new standard is that it introduces a single lessee accounting model in which all leases will be recognised in the balance sheet	1 January 2019

New standards, amendments and interpretations: Not yet approved for use in the European Union		Obligatory application in annual reporting periods beginning on or after
Amendments to IFRS 2, Classification and Measurement of Share-based Payment Transactions	Limited amendments that clarify specific issues such as the effects of vesting conditions on cash-settled share-based payments, the classification of share-based payment transactions with a net settlement feature and certain issues relating to modifications of the type of share-based payment arrangement	1 January 2018
Amendments to IAS 40, Reclassification of Investment Property	The amendments clarify that transfers to, or from, investment property will only be possible when there is evidence of a change in use	
IFRIC 22, Foreign Currency Transactions and Advance Consideration	This interpretation establishes "the date of the transaction" for the purpose of determining the exchange rate to use in transactions with advance consideration in a foreign currency	
IFRIC 23, Uncertainty Over Income Tax Treatments	This interpretation clarifies how to apply the recognition and measurement requirements in IAS 12 when there is uncertainty over whether the relevant taxation authority will accept a tax treatment used by an entity	1 January 2019
Amendments to IFRS 9, Prepayment Features with Negative Compensation	Permit the measurement at amortised cost of certain financial instruments with prepayment features, which may be put back to the issuer before maturity for an amount lower than the unpaid amounts of principal and interest on the principal amount outstanding	
Amendments to IAS 28, Long-term Interests in Associates and Joint Ventures	Clarify that IFRS 9 should be applied to long-term interests in an associate or joint venture to which the equity method is not applied	
Amendments to IAS 19, Plan Amendments, Curtailments and Settlements	In accordance with the proposed amendments, when a change in a defined benefit plan occurs (due to an amendment, curtailment or settlement), the entity shall use updated assumptions when determining the service cost and the net interest for the period after the change in the plan	
IFRS 17, Insurance Contracts	Will supersede IFRS 4. It establishes principles for the recognition, measurement, presentation and disclosure of insurance contracts issued to ensure that entities provide relevant and reliable information that gives a basis for users of the information to assess the effect that insurance contracts have on the financial statements	1 January 2021
Amendments to IFRS 10 and IAS 28, Sale or Contribution of Assets between an Investor and its Associate or Joint Venture	Highly significant clarification in relation to the gain or loss resulting from such transactions involving a business or assets.	No set date

Following the Group's assessment, set forth below is the possible impact on the consolidated financial statements of the entry into force on 1 January 2018 of the following International Financial Reporting Standards.

IFRS 15, Revenue from Contracts with Customers

The Group carries on its construction and engineering activities in geographical locations that are subject to varying legal and contractual frameworks. Accordingly, the Group has performed an exhaustive analysis, in coordination with each of its business divisions, aimed at assessing the impacts of the new standard on the Group's financial statements. In order to determine the impact, certain judgements and estimates were taken into consideration, relating mainly to the probability of customers approving changes in the scope of contracts and accepting claims.

The contractual terms and the way in which the Group manages its construction contracts give rise mainly to projects that are subject to a single performance obligation. Although revenue from contracts will continue to be recognised over time, the new standard includes new requirements relating to variable consideration and the accounting for claims and changes such as contract modifications, all of which requires the use of a higher probability threshold in revenue recognition. Currently, revenue is recognised when it is probable that the construction work performed will give rise to revenue, whereas under the new standard revenue will be recognised when it is highly probable that a significant reversal in the amount of revenue recognised will not occur as a result of such modifications. In this connection, based on the assessment performed, at 1 January 2018 an adjustment will be recognised to the opening balance of reserves attributable to the shareholders of OHL, currently estimated at around EUR 455,000 thousand, relating to both trade receivables and other financial assets.

This impact is due mainly to certain projects that are involved in court and arbitration proceedings, of whose future success the Group remains firmly convinced, although it is not possible to obtain formal evidence that would guarantee a high probability that the relevant decisions will be in the Group's favour.

Bid costs and costs of obtaining contracts

Currently, in accordance with IAS 11, Construction Contracts, the costs incurred during the tender process are capitalised to "Inventories", provided that it is considered probable that the contract will be won. In accordance with the new standard, these costs may only be capitalised if they are expected to be recovered and they would not have been incurred had the contract not been obtained, or if they are inherent to the delivery of a project. Therefore, the impact of the new standard is not significant for the Group.

Tax effect

Adjustments made in conformity with the new standard are susceptible to the recognition of the related tax effect, although the Group, in accordance with the accounting principle of prudence, will not recognise the associated tax assets.

IFRS 9, Financial Instruments

This standard supersedes IAS 39, Financial Instruments: Recognition and Measurement. IFRS 9 contains revised guidelines on the classification and measurement of financial instruments, including a new expected credit loss-based model for the calculation of impairment of financial assets, as well as new general requirements relating to hedge accounting. Also, the standard carries forward unchanged the guidance in IAS 39 for the recognition and derecognition of financial instruments.

In this connection, in the Group's current environment, with the Concessions division in the process of being divested (a division with respect to which a significant impact might have been identified), an assessment was made of the repercussions of the new standard on classification and measurement, concluding that it will foreseeably not have a significant impact either on the classification or measurement of the Group's financial assets and liabilities or on its hedge accounting. However, the Group is currently assessing the standard's impact in relation to the recognition of future losses in terms of customers and trade receivables, and it considers that this impact will not be significant.

IFRS 16, Leases

The possible impact of applying this standard, which will not occur until 1 January 2019, is currently being analysed, and the Group considers that it will not be significant.

All the accounting principles or measurement bases with a material effect on the consolidated financial statements were applied in preparing them.

2.3.- Functional currency

These consolidated financial statements are presented in euros since this is the currency of the primary economic environment in which the Group operates. Foreign operations are accounted for in accordance with the policies established in Note 2.6.11.

2.4.- Responsibility for the information and use of estimates

The information in these consolidated financial statements is the responsibility of the Parent's directors.

In the consolidated financial statements for 2017 estimates were occasionally made by the senior executives of the Group and of the Group companies, later ratified by their directors, in order to quantify certain of the assets, liabilities, income and expenses reported herein. These estimates relate basically to the following:

- The impairment losses on certain assets (see Notes 2.6.6., 3.2., 3.5. and 3.22.).
- The useful life of the intangible assets and property, plant and equipment (see Notes 2.6.1. and 2.6.3.).
- The recognition of construction contract revenue and costs (see Notes 2.6.15., 3.9. and 3.22).
- The amount of certain provisions (see Notes 2.6.14. and 3.19.).
- The fair value of the assets acquired in business combinations and goodwill (see Note 3.5.).
- The fair value of certain unquoted assets.
- The assessment of possible contingencies relating to employment and tax risks (see Notes 3.19. and 3.21.).
- Financial risk management (see Note 4.2.1.).

Although these estimates were made on the basis of the best information available at 31 December 2017, events that take place in the future might make it necessary to change these estimates in coming years. Changes in accounting estimates would be applied, pursuant to IAS 8, by recognising the effects of the change in estimates in the related consolidated statements of profit or loss.

As required by IAS 1, the information relating to 2016 is presented, for comparison purposes, with the information relating to 2017 and, accordingly, it does not constitute the Group's complete consolidated financial statements for 2017.

2.5.- Basis of consolidation

Subsidiaries

Subsidiaries are defined as companies over which the Parent has the capacity to exercise control; control is presumed to exist when the Parent has exposure, or rights, to variable returns from its involvement with the investee and the ability to use its power over the investee to affect the amount of those returns.

Pursuant to IFRS 10, Consolidated Financial Statements, the Parent controls an investee if and only if it has all of the following:

- Power over the investee;
- Exposure, or rights, to variable returns from its involvement with the investee; and
- The ability to use its power over the investee to affect the amount of its returns.

The financial statements of the subsidiaries are fully consolidated with those of the Parent, and the interest of non-controlling shareholders, if any, is recognised under "Non-Controlling Interests" in the consolidated balance sheet and "Profit or Loss Attributable to Non-Controlling Interests" in the consolidated statement of profit or loss.

Additionally, the results on intra-Group transactions are eliminated and are deferred until they are realised vis-à-vis non-Group third parties, with the exception of those relating to construction work performed for concession operators which, in accordance with IFRIC 12, are identified as results

outside the Group and, accordingly, are recognised by reference to the stage of completion.

Joint operations

A joint operation is a contractual arrangement whereby two or more entities that have joint control of the arrangement have rights to the assets, and obligations for the liabilities, relating to the arrangement.

The financial statements of the joint operations are proportionately consolidated (see Note 3.7.).

The assets and liabilities assigned by the Group to joint operations are recognised in the consolidated balance sheet classified according to their specific nature. Similarly, the Group's share of the income and expenses of joint operations is recognised in the consolidated statement of profit or loss on the basis of the nature of the related items.

Joint ventures

A joint venture is an arrangement whereby two or more entities that have joint control of the arrangement do not have rights to the assets, or obligations for the liabilities, but rather have rights to the net assets relating to the arrangement.

In the consolidated financial statements, joint ventures are accounted for using the equity method.

Associates

Associates are companies over which the Parent is in a position to exercise significant influence, but not control or joint control with other shareholders.

In the consolidated financial statements, investments in associates are accounted for using the equity method.

Scope of consolidation

The most significant companies included in the scope of consolidation at 31 December 2017 are detailed in Appendix I.

The activities, registered offices and equity of, and the net cost of the investments in, the most significant companies composing the consolidated Group are shown in Appendices II and III.

Changes in the scope of consolidation

The changes in the scope of consolidation in 2017 were as follows:

Inclusions	No. of companies
Full consolidation	6
Equity method	24
Total inclusions	30

Exclusions	
Full consolidation	22
Equity method	2
Total exclusions	24

The most significant changes were the following:

- The transfer from full consolidation to equity-method accounting of: Lagunas de Mayakoba, S.A. de C.V., Operadora Mayakoba, S.A. de C.V., Operadora Hotelera del Corredor de Mayakoba, S.A. de C.V., Servicios Hoteleros del Corredor de Mayakoba, S.A. de C.V., Islas de Mayakoba, S.A. de C.V., Islas de Mayakoba Servicios, S.A. de C.V., Desarrollos RBK en la Riviera, S.A. de C.V., Aqua Mayakoba, S.A. de C.V., Lote 3 Servicios, S.A. de C.V., Mayakoba Thai, S.A. de C.V., Controladora Hoyo 1, S.A. de C.V., Hotel Hoyo Uno, S. de R.L.

de C.V., HH1 Servicios, S. de R.L. de C.V., Golf de Mayakoba, S.A. de C.V. and Golf Mayakoba Servicios, S.A. de C.V. At 31 December 2016, these companies were in the process of being divested, and were classified as held for sale, and in 2017, following the sale of majority ownership interests therein, they started to be accounted for using the equity method (see Note 3.7).

- The exclusion of Cercanías Móstoles Navalcarnero, S.A. from the scope of consolidation following this company's entry into liquidation and the removal of OHL's representatives from the managing body of this concession operator (see Note 3.6). This change did not have an effect on equity for the Group.

All of the inclusions in the scope of consolidation relate to companies incorporated by the Group and, therefore, did not have an impact on the consolidated financial statements.

The detail of the companies included in or excluded from the scope of consolidation and of the reasons therefor is disclosed in Appendix IV.

2.6.- Accounting principles and policies and measurement bases applied

The accounting principles and policies and measurement bases applied in preparing the Group's consolidated financial statements for 2017 were as follows:

2.6.1. Intangible assets

Intangible assets are recognised initially at acquisition or production cost.

They are subsequently measured at acquisition or production cost less any accumulated amortisation and any accumulated impairment losses.

"Intangible Assets" includes the costs arising from the installation and acquisition of computer software, which is amortised on a straight-line basis over a maximum period of five years.

It also includes development expenditure, which is capitalised if it meets the requirements of identifiability, reliability in the measurement of cost and high probability that the assets created will generate economic benefits. This expenditure is amortised on a straight-line basis over the useful life of the asset.

Expenditure on research activities is recognised as an expense in the year in which it is incurred.

Also, under IFRS 3, all the assets of a business combination, including intangible assets, regardless of whether they had been previously recognised in the acquiree's balance sheet, are measured at fair value, provided that they meet certain identifiability and separability criteria. In this regard, this heading includes the amount relating to the measurement of the backlog and the customer portfolio of the acquirees at the date of acquisition, taking as a reference the projected margins after taxes, projected expenditure and the term of the contracts. The amount relating to the backlog will be amortised over the residual term of the contracts and that relating to the customer portfolio will be amortised over the estimated average useful life thereof.

At the end of each reporting period an analysis is conducted to ascertain whether the goodwill allocated to the US companies has become impaired, using cash flow projections, which at 2017-year end were discounted at a rate of 8.4%.

2.6.2. Concession infrastructure

Concession infrastructure includes investments made by the Group companies that are infrastructure concession operators, which are recognised in accordance with IFRIC 12, Service Concession Arrangements.

IFRIC 12 relates to the accounting of private sector operators involved in providing infrastructure assets and services to the public sector. This Interpretation establishes that in concession arrangements, the operator must not recognise the infrastructure assets as property, plant and equipment but must instead classify the assets as intangible assets or financial assets.

2.6.2.1. Concession infrastructure classified as an intangible asset

An intangible asset arises when the operator provides construction or upgrade services and receives a right to operate the infrastructure for a specified period of time after the construction has been completed, in which the operator's future cash flows have not been specified, since they may vary on the basis of the extent that the asset is used, for which reason they are considered to be contingent. In these cases, the demand risk is borne by the concession operator and, accordingly, the concession is classified as an intangible asset.

The intangible asset is measured at the fair value of the service provided, equal to the total payments made for its construction, including the construction costs incurred up to entry into service, such as studies and designs, compulsory purchases, costs of restoration of constructions, facilities and other similar items.

The intangible asset also includes borrowing costs incurred prior to the entry into service of the concession.

The concession infrastructure recognised as an intangible asset is amortised on the basis of the pattern of consumption (traffic) of these concession assets during the term of the concession only.

The contractual obligations to restore the infrastructure to a specified level of serviceability, pursuant to the terms and conditions of the licences or services, before it is handed over to the grantor in a specified condition at the end of the period of the concession arrangement, are covered by the recognition of provisions for major maintenance work. These provisions are recognised under "Long-Term Provisions" on the liability side of the consolidated balance sheet.

The grants financing the infrastructure are recognised as "Non-Current Liabilities - Other Financial Liabilities" until the conditions attaching to them have been fulfilled. At that time they are deducted from the cost of the infrastructure.

2.6.2.2. Concession infrastructure classified as a financial asset

Arrangements under the financial asset model

These are assets recognised by the concession operators, which represent the rights to operate administrative concessions and the unconditional contractual right to receive cash or another financial asset associated with certain concession arrangements where the demand risk is borne by the concession grantor.

The financial asset arises when an operator constructs or upgrades infrastructure and has an unconditional contractual right to receive a specified amount of cash or another financial asset over the term of the arrangement. This asset is subsequently measured at amortised cost, based on the best estimates of the flows to be received over the term of the concession, and the accrued interest, calculated using the effective interest rate method, on the expected cash inflows and outflows of the concession is recognised as "Other Operating Income" in the consolidated statement of profit or loss, since it is considered that these cash flows relate to the operating activities of the concessions.

All actions taken in relation to the concession infrastructure, such as maintenance and replacements, give rise to revenue from services which is recognised under "Other Operating Income" in the consolidated statement of profit or loss.

The operating expenses incurred by the companies are accounted for on an accrual basis in the consolidated statement of profit or loss, giving rise to the recognition of revenue from services under "Other Operating Income".

The value of the financial asset is increased by the construction services and the effective interest rate, and reduced by the associated net proceeds.

If there are significant changes in the estimates which are indicative of a material change in the effective interest rate applicable to the concession arrangement, the Group assesses the carrying amount of the financial asset and adjusts it prospectively, recognising the corresponding impairment loss if the net present value of the cash flows to be received over the concession term is lower than the carrying amount of the financial asset.

Arrangements with a guaranteed minimum revenue clause

In the case of certain Mexican concessions in which the Group holds interests, the concession arrangements grant the operator an unconditional right to recover, as appropriate, either the equity invested or the total investment made, plus an annual guaranteed internal rate of return (IRR), expressed in real terms and net of tax ("guaranteed minimum revenue"), which would give rise to an unconditional right to receive cash if, at the end of the concession term, the guaranteed minimum revenue had not been obtained.

The difference between the actual revenue, net of tax, obtained from operating these concessions and the guaranteed minimum revenue is also recognised as a financial asset, with a balancing entry under "Other Operating Income" in the consolidated statement of profit or loss.

2.6.3. Property, plant and equipment

Property, plant and equipment are recognised at acquisition cost (revalued, where appropriate, in accordance with the applicable legislation prior to the date of transition to IFRSs, including Royal Decree-Law 7/1996) less any accumulated depreciation and any recognised impairment losses.

The costs of expansion, modernisation or improvements leading to increased productivity, capacity or efficiency or to a lengthening of the useful lives of the assets are capitalised.

Repairs that do not lead to a lengthening of the useful life of the assets and maintenance costs are charged to the consolidated statement of profit or loss for the year in which they are incurred.

The Group capitalises interest during the non-current asset construction period as indicated in Note 2.6.18.

Group work on non-current assets is recognised at accumulated cost (external costs plus in-house costs, determined on the basis of in-house consumption of warehouse materials and manufacturing costs allocated using hourly absorption rates similar to those used for inventory measurement).

Depreciation is calculated, using the straight-line method, on the basis of the acquisition cost of the assets less their residual value; the land on which the buildings and other structures stand has an indefinite useful life and, therefore, is not depreciated.

The period property, plant and equipment depreciation charge is recognised in the consolidated statement of profit or loss at rates based on the following years of estimated useful life of the various assets:

	Years of useful life
Buildings	25-50
Machinery	6-16
Other fixtures, tools and furniture	10
Other items of property, plant and equipment	3-5

Assets held under finance leases are depreciated over their estimated useful lives on the same basis as owned assets of the same nature.

At the end of each reporting period, the consolidated companies assess whether there is any internal or external indication that the carrying amounts of their property, plant and equipment items exceed their recoverable amounts, i.e. the higher of the net amount which could be obtained if they were sold and the present value of the cash flows. If any such indication exists, the carrying amount of the assets is reduced to the recoverable amount and the future depreciation charges in the consolidated statement of profit or loss are adjusted in proportion to the adjusted carrying amounts and new useful lives.

Similarly, when there are indications that the value of the assets has recovered, the consolidated companies recognise the reversal of the impairment losses recognised in prior periods and adjust the

depreciation charges in future consolidated statements of profit or loss up to a maximum of the original cost of the related asset.

2.6.4. Investment property

"Investment Property" in the accompanying consolidated balance sheet reflects the values of the land, buildings and other structures held either to earn rentals or for capital appreciation.

Land is measured at acquisition cost increased by site clearance and preparation costs. Construction projects are measured at the cost of the related progress billings plus contract costs, such as site management, levies, architects' fees, etc. They are depreciated on a straight-line basis over their useful lives, which are the same as those used for similar items of property, plant and equipment.

Borrowing costs attributable to these investments are capitalised during the construction period until the properties are ready for sale and are treated as an addition to the value of the investment. Interest income obtained from the short-term investment of cash surpluses is deducted from the cost of the investment.

Revenue and gains or losses are recognised when the assets are sold and the sale to the buyer has been executed in a public deed, which is when the rights and obligations inherent thereto are transferred. Rental income is allocated to the consolidated statement of profit or loss on an accrual basis.

In leases, expenses are recognised on an accrual basis and all maintenance, management and impairment costs relating to the leased assets are charged to income.

At the end of each reporting period, the Group analyses whether the carrying amount of investment property exceeds fair value and, if so, it makes the appropriate valuation adjustment in the consolidated statement of profit or loss by recognising an impairment loss to reduce the carrying amount to fair value.

2.6.5. Goodwill

Any excess of the costs of acquisition of an investment in a company over its underlying carrying amount is allocated to certain assets and liabilities on consolidation.

This excess is allocated as follows:

1. If it is attributable to specific assets and liabilities of the company acquired, increasing the value of the assets acquired or reducing the value of the liabilities acquired.
2. If it is attributable to specific intangible assets, recognising it explicitly in the consolidated balance sheet.
3. Any remaining amount is recognised as goodwill on the asset side of the consolidated balance sheet.

At the end of each reporting period an analysis is conducted to ascertain whether this goodwill has suffered impairment and, if so, it is adjusted to its fair value with a charge to the consolidated statement of profit or loss.

These impairment losses recognised for goodwill are not reversed in subsequent periods.

2.6.6. Impairment of non-current assets

At the end of each reporting period, the consolidated companies assess whether there is any internal or external indication that the carrying amounts of their assets exceed their recoverable amounts, i.e. the higher of the net amount which could be obtained if they were sold and the present value of the cash flows. If any such indication exists, the carrying amount of the assets is reduced to the

recoverable amount and the future depreciation and amortisation charges in the consolidated statement of profit or loss are adjusted in proportion to the adjusted carrying amounts and new useful lives.

The indications of impairment considered for these purposes are, inter alia, the operating losses or negative cash flows during the period if they are combined with a track record or projections of losses, decline in value and depreciation/amortisation taken to profit or loss, which, in percentage terms, in relation to revenue, are substantially higher than those from previous years, effects of obsolescence, reduction in the demand for the services provided, competition and other economic and legal factors.

The impairment, where applicable, is recognised where the carrying amount exceeds the recoverable amount, calculated as the present value of the cash flows.

Similarly, when there are indications that the value of the assets has recovered, the consolidated companies recognise the reversal of the impairment losses recognised in prior periods and adjust the depreciation and amortisation charges in future consolidated statements of profit or loss up to a maximum of the original cost of the related asset.

The following criteria are applied for each non-current asset:

Concession infrastructure

The present value of the expected future cash flows is estimated using a pre-tax discount rate that reflects current market assessments of the time value of money and the specific risks associated with the asset, both during the use of the asset and from the possible disposal of the asset at the end of its useful life.

The main variables taken into consideration are as follows:

Revenue

Revenue to be earned over the concession term is estimated on the basis of the combination of various elements:

- Firstly, a traffic study is conducted based on actual verification of the traffic, with a distinction made between categories of vehicles (cars, lorries, etc.). These studies are either conducted internally (by specialist Group staff) or through specialist external companies.

- The second phase consists of applying the estimated annual percentage of growth over the term of the concession to the traffic study. To this end, a forecast of expected growth in gross domestic product (GDP) for each country, estimated by non-Group sources, is commonly used.

- The third phase consists of applying the rates for each vehicle type and updating them over the term of the concession. For this purpose, the agreed-upon rates in the concession arrangement are initially applied and for subsequent years the consumer price index (CPI) for each country is generally used. In certain cases, an additional percentage is applied depending on whether covenants exist that are conditional upon the achievement of certain volumes of traffic, the opening of new sections, etc.

Costs

- Internal studies are conducted to determine/estimate the operating, maintenance and repair costs to be incurred over the term of the concession.

The period used for discounting the cash flows is the number of years of remaining life of each concession.

For those concession operators with a guaranteed minimum revenue clause, investment recovery relies mainly on the guaranteed minimum revenue clause which is included in the concession arrangement.

When, due to the particular circumstances of a concession, the concession grantor is requested to restore the economic feasibility of the concession, the Group considers the value of the cash flows discounted over the concession term on the basis of the economic and financial model, as well as the minimum recoverable amount calculated as the contractual amount that would be received by the Group in the event of liquidation or termination.

When annulment of the concession arrangement has been requested, with the reimbursement of the amounts claimed from the public sector entity, the Group considers that the solution lies in the restoration of the economic feasibility of the concession or the early termination of the concession arrangement and, accordingly, used the early termination value, the formula for which is contractually defined in the administrative specifications of each concession.

Investment property

At the end of each reporting period, analyses are conducted to determine whether the carrying amount of investment property exceeds fair value and, if this is the case, the appropriate valuation adjustment is made in the consolidated statement of profit or loss by recognising an impairment loss to reduce the carrying amount to fair value.

Appraisals are commissioned from external valuers or the latest appraisals made are used as a reference to determine market value.

An impairment loss is recognised if the carrying amount exceeds the recoverable amount.

When an impairment loss subsequently reverses, income is recorded up to the amount of the impairment loss previously recognised.

Goodwill

The cash flow projections used to calculate goodwill were based on the following assumptions:

- The maintenance over time of a short-term backlog measured in months of sales.
- Projected cash flows for three years.
- Annual growth rate of approximately 2% for the coming years.
- Discount rate of approximately 8% in Spain, since substantially all of the goodwill is allocated to Spanish companies.

The impairment, where applicable, is recognised where the carrying amount exceeds the recoverable amount, calculated as the present value of the cash flows.

2.6.7. Financial assets

These are assets representing collection rights for the Group as a result of investments or loans. These rights are classified as current or non-current on the basis of whether they are due to be settled within less than or more than twelve months, respectively, and consist of:

Investment securities

These are financial assets represented by securities that can be classified as:

- Held-to-maturity investments: securities with fixed or determinable payments and fixed maturity. The Group has the positive intention to hold these securities from the date of purchase to the date of maturity.

  These securities are recognised at acquisition cost, including transaction costs.

Any deficiency of the acquisition cost below the fair value of these assets at the end of the reporting period is taken to profit or loss.

- Available-for-sale financial assets: investments in financial assets from which the Group does not expect to obtain a significant gain.

  If the fair value of these investments exceeds their carrying amounts, the value of the asset is increased and the increase is recognised in equity. On disposal, this amount is transferred to the consolidated statement of profit or loss.

  In the event of impairment, the amount credited to equity is reduced and, if the amount of the impairment loss exceeds the amount previously credited to equity, the excess is charged to the consolidated statement of profit or loss.

Other receivables

These are loans and receivables originated in exchange for supplying cash, goods or services directly to a debtor. They are measured at the principal amount plus the accrued interest receivable.

Deposits and guarantees given

These are cash amounts securing project bids or contracts of another kind. These amounts are restricted as to their use while the specific terms and conditions of each project bid or contract continue to exist. Deposits and guarantees expiring within twelve months are classified as current items and those expiring within more than twelve months are classified as non-current items.

2.6.8. Transfers of financial assets and derecognition of financial assets and liabilities

The accounting treatment of the transfers of financial assets depends on the extent to which the risks and rewards associated with the transferred assets are contractually transferred to third parties.

Financial assets are only derecognised when they are realised or when the Group transfers substantially all the risks and rewards of ownership and control thereover to third parties.

Financial liabilities are only derecognised when the obligations giving rise to them cease to exist.

2.6.9. Non-current assets and liabilities classified as held for sale

In accordance with IFRS 5, Non-Current Assets Held for Sale and Discontinued Operations, assets and liabilities are classified as non-current assets and liabilities held for sale when their carrying amount is expected to be recovered basically through a sale transaction rather than through continuing use.

The asset must be available for immediate sale, subject only to terms that are usual and customary for sales of such assets and liabilities, and its sale must be highly probable. The sale is considered highly probable when there is a commitment to a plan to sell the asset and an active programme to locate a buyer and complete the plan has been initiated. Also, the sale must be expected to qualify for recognition as a completed sale within one year from the date of classification.

Non-current assets classified as held for sale are not depreciated, but rather are measured at the lower of consolidated carrying amount and fair value less costs to sell.

2.6.10. Inventories

"Inventories" in the consolidated balance sheet includes the assets that the consolidated companies:

- Hold for sale in the ordinary course of their business.
- Have in the process of production, construction or development for such sale; or
- Expect to consume in the production process or in the provision of services.

All inventories are measured at the lower of cost and net realisable value.

Net realisable value is the estimated selling price less all the costs required to complete the production of inventories and to sell them.

Goods and work in progress are measured at production cost, which includes the cost of materials, direct labour and production costs and the interest incurred during the construction period.

2.6.11. Foreign currency

The items included in the financial statements of each of the Group companies are measured in their respective functional currencies.

The consolidated financial statements are presented in euros, which is the Parent's functional and presentation currency.

In the separate financial statements of the Group companies, foreign currency balances and transactions are translated as follows:

- Transactions performed during the year in currencies other than the functional currency are translated at the exchange rates prevailing at the date of the transaction.
- Monetary asset and liability balances denominated in currencies other than the functional currency (cash and items with no loss of value when converted to cash) are translated at the year-end exchange rates.
- Non-monetary asset and liability balances denominated in currencies other than the functional currency are translated at the historical exchange rates.

Exchange gains and losses are recognised in the consolidated statement of profit or loss.

On consolidation, the balances of the financial statements of the consolidated companies whose functional currency is not the euro are translated to euros as follows:

- Assets and liabilities are translated at the exchange rates prevailing at the reporting date.
- Income and expense items are translated at the average exchange rates for the period.
- Equity is translated at the historical exchange rates.

Any exchange differences arising from the consolidation of companies with a functional currency other than the euro are classified in the consolidated balance sheet as translation differences under "Equity - Valuation Adjustments".

The Group does not have any investments in currencies that are identified as hyper-inflationary.

2.6.12. Bank borrowings, debt instruments and other marketable securities

Bank borrowings, debt instruments and other marketable securities are measured at the amount received, net of direct issue costs, plus the accrued interest payable at year-end. Borrowing costs are recognised on an accrual basis in the consolidated statement of profit or loss by modifying the nominal rate, taking into account issue discounts, fees and expenses. This method is equivalent to using the

effective interest rate, which is the rate that exactly matches the net value of the income received to the present value of future disbursements.

Debts due to be settled within twelve months of the consolidated balance sheet date are classified as current items and those due to be settled within more than twelve months as non-current items.

2.6.13. Derivative financial instruments and hedges

In order to mitigate the economic effects of exchange rate and interest rate fluctuations to which the Group is exposed as a result of its business activities, the Group uses derivative financial instruments, such as currency forwards, interest rate swaps and interest rate options.

The currency forwards and interest rate swaps are future exchange commitments, on the basis of which the Group and banks agree to exchange interest payments or currencies in the future. In the case of an interest rate derivative, the commitment is to pay a fixed interest rate in exchange for receiving a floating interest rate. In the case of a foreign currency derivative, the commitment is to pay or receive a given amount of euros in exchange for a given amount in another currency. In the case of the equity swap tied to the Group's share price, the commitment is to pay or receive the result of the change in the share price with respect to a reference price and to pay a floating interest rate. The Group acquires the right to receive interest on the interest rate options arranged if the interest rate exceeds the reference level initially established with the banks, in exchange for paying a given amount to these banks at the beginning of the transaction.

When the Group arranges a derivative, it does not do so with the intention of settling it early or trading with it. The Group does not use derivatives for speculative purposes, but rather to mitigate the economic effects that may arise from its foreign trade and financing activities due to exchange and interest rate fluctuations.

Derivatives are recognised at their market value (fair value) under "Other Financial Assets" or "Other Financial Liabilities" in the consolidated balance sheet.

Fair value is the net amount that the Group would have to pay or receive if the derivative were settled at the measurement date, and is equal to the difference between the present value of the future collections and payments agreed on by the Group and the related banks under the terms of the derivative arranged. The fair value of the options arranged is the same as the amount which the Group would receive in the event of settling them and is determined using a widely accepted pricing model (the Black-Scholes model).

IFRS 13, Fair Value Measurement has changed the definition of fair value and confirms that own credit risk must be taken into account when measuring fair value. Since 1 January 2013, this adjustment to the measurement of derivatives has been recognised in profit or loss, except when the derivatives qualify as effective hedges, in which case they are recognised in reserves.

The recognition of the fair value of derivatives as other financial assets or liabilities gives rise to a change in equity if the derivative qualifies for hedge accounting. The change in equity arises directly through "Equity - Valuation Adjustments" and indirectly through "Net Gains (Losses) on Remeasurement of Financial Instruments at Fair Value" or "Result of Companies Accounted for Using the Equity Method", as appropriate, in the consolidated statement of profit or loss.

The fair value of a derivative changes during its term. Changes in fair value arise: as a result of the passage of time; as a result of changes in interest rate curves; in the case of foreign currency derivatives, as a result of changes in exchange rates; in the case of equity swaps, as a result of changes in the share price; and in the case of interest rate options, as a result of changes in the volatility of interest rates.

Only certain derivatives can be considered to qualify for hedge accounting.

The requirements that must be met for a derivative to be considered as a hedge are as follows:

- The underlying in relation to which the derivative is arranged to mitigate the economic effects that might arise therefrom as a result of fluctuations in exchange rates and interest rates must initially be identified.
- When the derivative is arranged, the reason for which it was arranged must be appropriately documented and the hedged risk must be identified.
- It must be demonstrated that the hedge is effective from the date of the arrangement of the derivative to the date of its settlement, i.e. that it meets the objective initially defined. In order to assess this, the effectiveness of the hedge is tested.

When the derivative does not qualify for hedge accounting, or the Group voluntarily decides not to apply hedge accounting, changes in fair value are recognised in the consolidated statement of profit or loss.

For derivatives that qualify for hedge accounting, under the relevant standards changes in fair value are recognised directly in equity or indirectly through profit or loss on the basis of the type of hedged risk concerned.

Cash flow hedges

A derivative arranged to hedge against exposure to future variability in the expected cash flows in a foreign currency transaction as a result of exchange rate fluctuations can be considered to be a cash flow hedge. The same is true of a derivative arranged to hedge against exposure to future variability in the expected cash flows in floating-rate financing as a result of interest rate fluctuations.

The portion of the gain or loss on a hedging instrument whose purpose is to act as a cash flow hedge of an underlying and which is determined to be an effective hedge is recognised under "Equity - Valuation Adjustments", and the ineffective portion of the gain or loss is recognised in the consolidated statement of profit or loss. The changes in the time value of the options are recognised directly in the consolidated statement of profit or loss.

The cumulative balance of "Equity - Valuation Adjustments" is transferred to profit or loss when, and to the extent that, the gains or losses on the hedged risk of the underlying also start to be reflected in profit or loss.

Hedges of net investments in foreign operations

When a derivative or another hedging instrument is used to hedge against exchange rate fluctuations that affect the carrying amount of net investments in foreign operations, it can be considered to be a hedge of a net investment in a foreign operation.

The gains or losses on this type of derivative or hedging instrument are recognised in the consolidated statement of profit or loss in a similar fashion to those on cash flow hedges. The only difference is that the accumulated amounts under "Equity - Valuation Adjustments" are not recognised in the consolidated statement of profit or loss until the investment is sold.

Fair value hedges

Fair value hedges arise when a derivative is arranged to convert financing at a fixed interest rate into financing at a floating interest rate in order to tie a portion of the financing to interest rate changes and, therefore, to the performance of the market.

Fair value hedges also arise when a derivative is arranged to hedge the possible future changes in the equivalent euro value of firm commitments to collect or pay certain amounts in foreign currency due to exchange rate fluctuations.

When the purpose of the hedging derivative is to act as a fair value hedge, gains or losses on the derivative and its underlying are recognised through profit or loss.

2.6.14. Provisions

The Group's consolidated financial statements include all the material provisions with respect to which it is considered that it is probable that the obligation covered by them will have to be settled. Contingent liabilities are not recognised in the consolidated financial statements, but rather are disclosed, as required by IAS 37 (see Note 4.6.2.).

Provisions are classified as short-term or long-term provisions based on the estimated period of time in which the obligations covered by them will have to be settled.

The most significant provisions are:

Provisions for taxes

These provisions reflect the estimate of tax debts whose payment is uncertain as to its exact amount or timing, since this depends on whether or not certain conditions are met.

Provisions for litigation and third-party liability

These provisions are recognised in order to cater for the possible adverse economic effects that might arise from the litigation and claims against the Group arising from the ordinary course of its operations (see Note 4.6.2.).

Provision for construction work completion

This provision is intended to cover the expenses arising from the completion of a project until its definitive settlement. The estimated costs in this connection are accrued over the construction period on the basis of production volumes.

Provision for management and other fees

This provision relates to the amount incurred in connection with project management and inspection fees, laboratory, layout and other fees payable at the consolidated balance sheet date. The amounts of these fees are established in the related project specifications and in current legislation. The estimated costs in this connection are accrued over the construction period on the basis of production volumes.

Other operating provisions

"Other Operating Provisions", which correspond primarily to the Group's construction companies, includes deferrals of expenses and costs and losses on construction projects. These amounts considered individually are of scant significance and correspond to numerous contracts.

Provisions for major maintenance, retirement or refurbishment of non-current assets

In accordance with IFRIC 12, provisions are recognised for the estimated expenditure required to carry out maintenance work spanning more than one year (mainly at concession operators) with a charge to the consolidated statement of profit or loss for each of the periods remaining until the work has been completed.

2.6.15. Revenue recognition

Following is a detail of the main revenue recognition methods used for each of the segments in which the Group operates.

2.6.15.1. Concessions

Intangible asset model

Revenue is recognised on an accrual basis, i.e. when the actual flow of the related goods and services occurs, regardless of when the resulting collections and payments are made.

Revenue from services concessions is recognised on an accrual basis, regardless of whether or not a portion of the arrangement has been collected in advance.

In accordance with IFRIC 12, the concession operators recognise sales relating to construction performed by parties outside the Group. In relation to infrastructure construction, the concession operators subcontract work to related parties or independent construction companies. The construction subcontracting arrangements do not exempt the concession operator from the obligations acquired by it in relation to the concession and therefore, it is responsible for the performance, completion and quality of the construction work. The concession operator does not recognise any margin in its statement of profit or loss on the performance of the aforementioned construction work.

Financial asset model

Arrangements under the financial asset model

Interest income relating to concessions to which the financial asset model applies is recognised as "Other Operating Income", since it is considered that this income relates to the operating activities of the concessions.

Interest income is accrued on a time proportion basis, by reference to the principal outstanding and the applicable effective interest rate, which is the rate that exactly discounts estimated future cash receipts over the expected life of the financial asset to that asset's carrying amount.

Operation and maintenance revenue is recognised on an accrual basis by reference to the stage of completion of the transaction at the end of the reporting period, provided the outcome of the transaction can be estimated reliably.

Arrangements with a guaranteed minimum revenue clause

Toll revenue is recognised on an accrual basis, i.e. when the actual flow of the related goods and services occurs, regardless of when the resulting collections and payments are made.

Additionally, the Group recognises under "Other Operating Income" the collection rights recognised in the year relating to the guaranteed minimum revenue yet to be collected under the terms of the concession arrangement. This revenue is recognised because it relates to a service already provided and can be measured reliably, all the associated costs have been incurred and the economic benefits associated with the transaction will flow to the Group.

These rights are recognised and documented as follows:

- In the case of Concesionaria Mexiquense, S.A. de C.V. (Conmex) and Viaducto Bicentenario, S.A. de C.V., the right is calculated, externally reviewed, certified and periodically recognised by the Government of the State of Mexico, through the Mexican System of Highways, Airports, Related and Auxiliary Services (SAASCAEM), by means of a procedure that is documented as "total investment yet to be recovered", and is approved and signed by SAASCAEM itself and the legal representatives of the concession operators.

  The Group considers that, based on these concession arrangements and the applicable legislation, the "total investment yet to be recovered", certified and recognised by SAASCAEM, is approximately equal to the adjusted carrying amount of the concession. In the case of Autopista Urbana Norte, S.A. de C.V. and Controladora Vía Rápida Poetas, S.A.P.I. de C.V. (associate), the Group follows a similar procedure to the foregoing but, in this case, with the Subsecretariat of Financial Planning of the Secretariat of Finance of the Government of Mexico City as the competent body.

Based on estimated annual returns calculated by the public sector entities for each concession operator, it is estimated that the guaranteed minimum revenue recognised will be recovered, in the most likely scenario, through the collection of tolls over the normal concession term.

2.6.15.2. Engineering and construction

Since the recognition of revenue from all engineering and construction contracts is subject to judgements and estimates, the Group relies on the project execution managers and each Division's organisational leaders in recognising such revenue, and has established internal controls to ensure the reasonableness of the criteria applied.

2.6.15.2.1. Construction

Revenue is calculated in accordance with IAS 11, Construction Contracts, using the percentage of completion method, whereby, in construction contracts from which a final profit is expected, the profit is calculated by applying to the expected profit the percentage resulting from comparison of the actual costs incurred with the projected total costs to be incurred. An expected loss on a construction contract is recognised as an expense immediately.

In accordance with standard practice, the estimates used to calculate the stage of completion include the possible effect of the margin of certain variations, change orders, addenda and settlements which are being processed, and which at the time of calculation the Group considers to be reasonably realisable.

Variations in construction contract work correspond to instructions received from the customer relating normally to additional work or changes to the original units of work and which are provided for in the contract in force. Claims relate to amounts which the Group expects to collect from the customer for construction work performed and arise for various reasons; the measurement of the related revenue is initially estimated on the basis of the terms of the construction contract entered into, although the determination of the final amount depends on the negotiations with the customer.

Additionally, as indicated in paragraph 14 (a) of IAS 11, variations are included in contract revenue only when it is probable that the customer will approve the variation, since negotiations have begun and are amicable, and, in addition, there are favourable technical and legal reports that make it possible to measure the fair value of the amounts to be recovered in the negotiations.

If litigation is initiated in relation to the claims, no additional revenue is recognised until the claims are settled. In these situations, and as general practice, once the relevant proceedings are identified as relating to claims, the Group adjusts the recoverable amount of the claim and recognises, if appropriate, the necessary provisions.

In any case, the recognition of revenue from the aforementioned claims involves a series of common estimates, including those relating to:

- the status of the negotiations with each customer and their credit position.
- the technical assessment of the work performed and of the conformity thereof with the contract with the customer, performed by the project managers and taking into account, if appropriate, any expert reports on the project.
- assessments made by the Group's internal and external legal advisers to estimate the feasibility and chances of success of the claim filed, based on the knowledge of the project and the stage of the claim proceedings; the status is updated on the basis of any new milestone or change.
- in-depth knowledge of the terms established in the contract entered into with the customer.

"Trade Receivables for Sales and Services – Trade Receivables for Amounts to Be Billed for Work or Services Performed" on the asset side of the consolidated balance sheet represents the difference between the amount of the completed work recognised, including the adjustment to the margin recognised by application of the percentage of completion method, and the amount of billed completed work up to the reporting date.

If the amount of production from inception is lower than the amount billed, the difference is recognised under "Customer Advances" on the liability side of the consolidated balance sheet.

Any late-payment interest which, pursuant to the contracts, might accrue due to delays in the collection of progress billings or invoices is recognised when it is probable that it will be received and when its amount can be measured reliably, and is recognised as finance income.

2.6.15.2.2. Industrial

Revenue from turnkey (EPC) contracts and in fixed-price service contracts is recognised based on the percentage of completion method, in accordance with IAS 11.

Revenue from administration and operation and maintenance (O&M) contracts is recognised on an accrual basis based on the service provided.

2.6.15.2.3. Services

In the business of servicing properties and infrastructure maintenance of all types of housing and offices, revenue is recognised by reference to tha stage of completion of the transaction, provided the outcome of the transaction can be estimated reliably.

Revenue in the case of infrastructure and urban equipment services is determined by measuring the completed units at the contract price, per the main contract with the owners or per approved addenda or amendments thereto. If such addenda or amendments have not been contractually approved, because they are currently being drawn up, the related revenue will only be recognised if technical approval has been secured.

2.6.15.2.4. Development

Revenue in the hotel complex business is recognised on an accrual basis based on the service provided.

If real estate products are sold, revenue is recognised when the properties are handed over and when the ownership thereof has been transferred.

Land sales are recognised when the risks and rewards of ownership are transferred, which usually occurs when the deed of sale is executed.

2.6.16. Leases

Leases are classified as finance or operating leases.

Finance leases are deemed to be those in which the risks and rewards relating to the leased asset are transferred to the lessee, which, habitually but not necessarily, has the option to purchase the asset at the end of the lease on the terms and conditions agreed on when the transaction was arranged. In leases of this nature:

- When the consolidated companies act as the lessor of an asset, the aggregate present values of the lease payments receivable from the lessee plus, where appropriate, the price of exercising the purchase option are recognised as accounts receivable (financial assets).
- When the consolidated companies act as the lessee, they present the cost of the leased assets in the consolidated balance sheet, based on the nature of the leased asset, and, simultaneously, recognise a liability for the same amount.

The assets are measured at the lower of fair value, i.e. at the price that would be set by two parties in an arm's length transaction, and the discounted present value of the amounts payable to the lessor plus the price of exercising the purchase option.

These assets are depreciated on the basis of their nature using similar criteria to those applied to the items of property, plant and equipment.

Operating leases are contracts that convey the right to use an asset but which do not transfer the risks and rewards incidental to ownership, and they are accounted for on the basis of the contractual nature of each transaction. Income and expenses from these transactions are allocated to profit or loss on an accrual basis.

2.6.17. Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of assets that necessarily take a substantial period of time to get ready for their intended use or sale are added directly to the cost of those assets, until such time as the assets are ready for their intended use or sale.

Pursuant to IAS 23, investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs.

All other borrowing costs are recognised in the consolidated statement of profit or loss in the year in which they are incurred.

2.6.18. Income tax

The Group companies' income tax expense is calculated on the basis of accounting profit before tax, increased or decreased, as appropriate, by the permanent differences from taxable profit, net of tax relief and tax credits, excluding tax withholdings and prepayments made during the year.

Deferred tax assets and liabilities are the taxes expected to be recoverable or payable on differences between the carrying amounts of assets and liabilities in the consolidated financial statements and their tax bases. They are measured at the tax rates that are expected to apply in the period when the asset is realised or the liability is settled.

At 31 December 2017, most of the Spanish Group companies were being taxed under the consolidated tax regime and, accordingly, the income tax expense recognised in the consolidated statement of profit or loss relates to the sum of the tax expense of the consolidated tax group companies and that of the companies not forming part of the consolidated tax group, which are mainly the foreign companies.

2.6.19. Consolidated statement of cash flows

Cash flows are inflows and outflows of cash and cash equivalents, which are short-term, highly liquid investments that are subject to an insignificant risk of changes in value.

The consolidated statement of cash flows is prepared using the indirect method, i.e. on the basis of the changes in the consolidated statement of profit or loss and consolidated balance sheet, and is presented with comparable figures for two consecutive periods.

This statement reflects changes in consolidated cash flows in the year, classifying them as:

- Cash flows from operating activities: the principal revenue-producing activities of the Group companies and other activities that are not investing or financing activities. Interest received and paid, gains or losses on the disposal of non-current assets, adjustments to profits generated by companies accounted for using the equity method and, in general, any results

that do not generate cash flows are transferred out of "Cash Flows from Operating Activities" through "Other Adjustments to Loss".

Dividends received may be classified as cash flows from operating activities or investing activities. The Group chose to classify them as cash flows from operating activities.

- Cash flows from investing activities: those arising from the acquisition and disposal of non-current assets.

  Interest received may be classified as cash flows from operating activities or investing activities. The Group chose to classify it as cash flows from investing activities.

  Cash flows from financing activities: those arising from changes in borrowings, payment of the dividend, interest paid and changes in non-controlling interests.

  Interest paid may be classified as cash flows from operating activities or financing activities. The Group elected to classify interest paid as cash flows from financing activities.

2.6.20. Trade and other payables

The Group has entered into reverse factoring arrangements with various banks in order to facilitate early payment to its suppliers, under which suppliers may exercise their collection rights vis-à-vis the Group companies and obtain the amount billed less the finance costs of discounting and the fees charged by those banks.

These arrangements do not change the principal terms and conditions of payment to suppliers, such as the term or amount and, accordingly, the related amounts continue to be classified as trade payables.

At 31 December 2017, the reverse factoring balance under "Trade and Other Payables" was EUR 142,715 thousand (31 December 2016: EUR 163,293 thousand).

2.6.21. Termination and post-employment benefits

The termination benefits that have to be paid to employees pursuant to the legislation applicable to each Group company are charged to the consolidated statement of profit or loss in the year in which they are paid.

If the Group were to establish a collective redundancy procedure, provisions for the related costs would be recognised in the consolidated statement of profit or loss when the detailed formal plan for the restructuring were established and communicated to the parties concerned.

On 4 May 2017, OHL, S.A., OHL Industrial, S.L. and the workers' representatives ratified a collective redundancy procedure involving the termination of 457 jobs (335 at OHL, S.A. and 122 at OHL Industrial, S.L.), to be implemented by 31 December 2017 and 31 December 2018, respectively (see Note 3.22).

The Group does not have any post-employment benefit obligations in the form of pension plans or other benefits.

3.- NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

3.1.- Intangible assets

The changes in "Intangible Assets" in the consolidated balance sheets in 2017 and 2016 were as follows:

	Thousands of euros
Cost	
Balances at 1 January 2016	468,986
Additions and disposals due to changes in the scope of consolidation	-
Additions	8,168
Disposals	(828)
Transfers and other	(27)
Exchange differences	9,863
Balances at 31 December 2016	486,162
Additions and disposals due to changes in the scope of consolidation	(188)
Additions	14,315
Disposals	(5,266)
Transfers and other	(8,500)
Exchange differences	(37,063)
Balances at 31 December 2017	449,460
Accumulated amortisation	
Balances at 1 January 2016	178,955
Additions and disposals due to changes in the scope of consolidation	-
Additions	30,245
Disposals	(409)
Transfers and other	3
Exchange differences	2,854
Balances at 31 December 2016	211,648
Additions and disposals due to changes in the scope of consolidation	(167)
Additions	27,327
Disposals	(1,947)
Transfers and other	(6,310)
Exchange differences	(12,539)
Balances at 31 December 2017	218,012
Net balances at 31 December 2016	274,514
Net balances at 31 December 2017	231,448

"Intangible Assets" includes mainly the values assigned on consolidation to the customer portfolio and backlog of the acquirees, which at 31 December 2017 amounted to EUR 204,012 thousand (net).

No indications of impairment on the customer portfolio or backlog of the acquirees had been identified and no impairment losses had been recognised at 31 December 2017 or 2016.

Intangible assets with a gross cost of EUR 43,393 thousand had been fully amortised and were still in use at 31 December 2017 (31 December 2016: EUR 35,791 thousand).

3.2.- Concession infrastructure

Concession arrangements are arrangements between the concession grantor, which is generally a public sector entity, and the Group companies to provide services to the public through the operation of certain assets required for the provision of the service.

The concession right generally entails a monopoly on the provision of the service granted for a specified period of time, after which, in general, the concession assets required to provide the service have to be handed over to the concession grantor.

Revenue from performing the service may be received directly from the users or, sometimes, through the concession grantor itself. The prices for providing the service are usually regulated by the grantor.

These projects are generally financed with long-term borrowings without recourse to the shareholder, secured mainly by the cash flows generated by the concession operator companies and their assets, accounts and contractual rights. Since cash flows constitute the main security for the repayment of the borrowings, there are restrictions on the use of the funds by the shareholders until certain conditions have been met, which is assessed each year.

Concession infrastructure is accounted for using either the intangible asset model or the financial asset model.

Intangible asset model

An intangible asset arises when the operator provides construction or upgrade services and receives a right to operate the infrastructure for a specified period of time after the construction has been completed, in which the operator's future cash flows have not been specified, since they may vary on the basis of the extent that the asset is used, for which reason they are considered to be contingent. In these cases the demand risk is borne by the concession operator and, accordingly, the concession is considered to be an intangible asset.

Financial asset model

In arrangements accounted for using the financial asset model, the assets recognised by the various concession operators represent the rights to operate administrative concessions and the unconditional contractual right to receive cash or another financial asset associated with certain concession arrangements where the demand risk is borne by the concession grantor.

The concession operators Autopista Urbana Norte, S.A. de C.V., Concesionaria Mexiquense, S.A. de C.V. and Viaducto Bicentenario, S.A. de C.V. hold concessions with guaranteed minimum revenue whereby the concession operator has an unconditional right to recover, as the case may be, either the equity invested or the total investment made, plus an annual guaranteed internal rate of return (IRR), expressed in real terms and net of tax ("guaranteed minimum revenue"), which would give rise to an unconditional right to receive cash if, at the end of the concession term, the guaranteed minimum revenue had not been obtained. These concessions were reclassified to discontinued operations (see Note 3.8) following the agreement entered into with IFM Investors for the sale of all the shares of OHL Concesiones, S.A.U. (see Note 1.3).

The changes in "Concession Infrastructure" in the consolidated balance sheets in 2017 and 2016 were as follows:

	Thousands of euros		
	Intangible asset model	Financial asset model	Total
Cost			
Balances at 1 January 2016	1,328,897	5,357,600	6,686,497
Additions and disposals due to changes in the scope of consolidation	-	-	-
Additions	84,026	575,512	659,538
Disposals	(7,399)	-	(7,399)
Transfers and other	(1,635)	(1,464)	(3,099)
Exchange differences	(5,874)	(691,068)	(696,942)
Balances at 31 December 2016	1,398,015	5,240,580	6,638,595
Additions and disposals due to changes in the scope of consolidation	(484,658)	-	(484,658)
Additions	27,286	778,882	806,168
Disposals	(401)	-	(401)
Transfers and other	(883,102)	(5,550,261)	(6,433,363)
Exchange differences	(42,023)	(414,784)	(456,807)
Balances at 31 December 2017	15,117	54,417	69,534
Accumulated amortisation			
Balances at 1 January 2016	170,932	-	170,932
Additions and disposals due to changes in the scope of consolidation	-	-	-
Additions	29,571	-	29,571
Disposals	-	-	-
Transfers and other	906	-	906
Exchange differences	(2,448)	-	(2,448)
Balances at 31 December 2016	198,961		198,961
Additions and disposals due to changes in the scope of consolidation	(71,459)	-	(71,459)
Additions	14,425	-	14,425
Disposals	-	-	-
Transfers and other	(136,673)	-	(136,673)
Exchange differences	(2,493)		(2,493)
Balances at 31 December 2017	2,761	-	2,761
Impairment losses			
Balance at 1 January 2016	-	-	-
Balance at 31 December 2016	-	-	-
Balance at 31 December 2017	-	-	-
Net balances at 31 December 2016	1,199,054	5,240,580	6,439,634
Net balances at 31 December 2017	12,356	54,417	66,773

The additions and disposals due to changes in the scope of consolidation relate mainly to Autovía de Aragón Tramo 1, S.A., which is currently accounted for using the equity method, and Cercanías Móstoles Navalcarnero, S.A., which was deconsolidated.

Substantially all the transfers relate to the transfer of the concession infrastructure of OHL Concesiones, S.A.U. to "Assets Classified as Held for Sale and Discontinued Operations".

The Group's fully consolidated concession operators at 31 December 2017 were as follows:

Operator	Description of concession	Country	%	Total projected investment (thousands of euros)	Remaining period (in years)
Marina Urola, S.A.	Marina	Spain	51.00	2,801	10
Sociedad Concesionaria Aguas de Navarra, S.A.	Navarra canal	Spain	65.00	89,475	27
Sociedad Concesionaria Centro de Justicia de Santiago, S.A.	Law courts	Chile	100.00	35	8

Under the concession arrangements, the concession operators are obliged to make investments totalling EUR 35,093 thousand, which must be made within a five-year period.

At 31 December 2017, "Concession Infrastructure" included EUR 1,100 thousand relating to borrowing costs capitalised during the construction period (31 December 2016: EUR 86,737 thousand).

The detail of the changes in borrowing costs capitalised at 31 December 2017 and 2016 is as follows:

	Thousands of euros
Balances at 1 January 2016	77,639
Additions and disposals due to changes in the scope of consolidation	9,472
Exchange differences	(374)
Balances at 31 December 2016	86,737
Additions and disposals due to changes in the scope of consolidation	(42,844)
Additions	608
Transfers	(43,401)
Balances at 31 December 2017	1,100

The breakdown, by company, of the carrying amount of "Concession Infrastructure" at 31 December 2017 is as follows:

	Thousands of euros
Intangible asset model	
Sociedad Concesionaria Aguas de Navarra, S.A. (1)	11,838
Marina Urola, S.A.	480
Other	38
Total intangible asset model	12,356
Financial asset model	
Sociedad Concesionaria Aguas de Navarra, S.A. (1)	54,382
Sociedad Concesionaria Centro de Justicia Santiago, S.A.	35
Total financial asset model	54,417
Total	66,773

(1) Under construction.

The breakdown, by company, of the carrying amount of "Concession Infrastructure" at 31 December 2016 is as follows:

	Thousands of euros
Intangible asset model	
Autopista del Norte, S.A.C.	290,420
Autovía de Aragón-Tramo 1, S.A.	147,182
Cercanías Móstoles Navalcarnero, S.A.	266,017
Concesionaria AT - AT, S.A. de C.V.	97,042
Euroglosa 45 Concesionaria de la Comunidad de Madrid, S.A.	48,396
Grupo Autopistas Nacionales, S.A.	66,462
Sociedad Concesionaria Nuevo Camino Nogales - Puchuncaví, S.A.	463
Terminal Cerros de Valparaíso, S.A.	59,472
Terminal de Contenedores de Tenerife, S.A.	105,569
Terminales Marítimas del Sureste, S.A.	117,390
Other	641
Total intangible asset model	1,199,054
Financial asset model	
Autopista Río Magdalena, S.A.S.	51,229
Autopista Urbana Norte, S.A. de C.V.	1,136,687
Concesionaria Mexiquense, S.A. de C.V.	2,897,225
Sociedad Concesionaria Aguas de Navarra, S.A.	52,589
Sociedad Concesionaria Centro de Justicia Santiago, S.A.	36
Sociedad Concesionaria Puente Industrial, S.A.	21,665
Viaducto Bicentenario, S.A. de C.V.	1,081,149
Total financial asset model	5,240,580
Total	6,439,634

The breakdown, by country, of the carrying amount of "Concession Infrastructure" at 31 December 2017 is as follows:

Country and company	Thousands of euros		
	Intangible asset model	Financial asset model	Total
Chile			
Sociedad Concesionaria Centro de Justicia de Santiago, S.A.	-	35	35
Total Chile	-	35	35
Spain			
Sociedad Concesionaria Aguas de Navarra, S.A. (1)	11,838	54,382	66,220
Marina Urola, S.A.	480	-	480
Other	38	-	38
Total Spain	12,356	54,417	66,738
Total	12,356	54,417	66,773

(1) Under construction.

The breakdown, by country, of the carrying amount of "Concession Infrastructure" at 31 December 2016 is as follows:

Country and company	Thousands of euros		
	Intangible asset model	Financial asset model	Total
Chile			
Sociedad Concesionaria Centro de Justicia de Santiago, S.A.	-	38	38
Sociedad Concesionaria Nuevo Camino Nogales - Puchuncaví, S.A. (2)	463	-	463
Sociedad Concesionaria Puente Industrial, S.A. (2)	-	21,665	21,665
Terminal Cerros de Valparaíso, S.A. (2)	59,472	-	59,472
Total Chile	59,935	21,701	81,636
Colombia			
Autopista Río Magdalena, S.A.S. (2)	-	51,229	51,229
Total Colombia	-	51,229	51,229
Spain			
Autovía de Aragón - Tramo 1, S.A.	147,182	-	147,182
Cercanías Móstoles Navalcarnero, S.A. (3)	266,017	-	266,017
Euroglosa 45 Concesionaria de la Comunidad de Madrid, S.A.	48,396	-	48,396
Sociedad Concesionaria Aguas de Navarra, S.A. (3)	-	52,589	52,589
Terminal de Contenedores de Tenerife, S.A.	105,569	-	105,569
Terminales Marítimas del Sureste, S.A.	117,390	-	117,390
Other	641	-	641
Total Spain	685,195	52,589	737,784
Mexico			
Autopista Urbana Norte, S.A. de C.V. (1)	-	1,136,687	1,136,687
Concesionaria AT - AT, S.A. de C.V. (2)	97,042	-	97,042
Concesionaria Mexiquense, S.A. de C.V. (1)	-	2,897,225	2,897,225
Grupo Autopistas Nacionales, S.A.	66,462	-	66,462
Viaducto Bicentenario, S.A. de C.V. (1)	-	1,081,149	1,081,149
Total Mexico	163,504	5,115,061	5,278,565
Peru			
Autopista del Norte, S.A.C.	290,420	-	290,420
Total Peru	290,420	-	290,420
Total	1,199,054	5,240,580	6,439,634

(1) Concessions with guaranteed minimum revenue.
(2) Under construction.
(3) Involved in insolvency proceedings at 31 December 2016.

Impairment losses on concession infrastructure

Although substantially all of the concession infrastructure has been transferred to "Assets Classified as Held for Sale" (see Notes 1.3 and 3.8), at the end of each reporting period or whenever there are indications of impairment, the Group tests the assets for impairment to determine whether their recoverable amount has been reduced to below their carrying amount.

Recoverable amount is the higher of fair value and value in use.

Also, sensitivity analyses were performed in various growth scenarios, particularly in relation to toll revenue, operating margins and the discount rates applied.

The Parent's directors consider that the tests are sensitive to their key assumptions, but that these indicators are within a reasonable degree of sensitivity, which meant that no impairment losses were identified in 2017.

Generally, in order to calculate any possible impairment, the projected cash flows to be generated by the concessions are discounted. The main variables used for each concession are: the remaining term of each concession, forecast growth in traffic, CPI growth and the tax rates of each country.

The financial information on the companies for 2017 does not differ significantly from that considered in the projections and tests of 2016.

Based on the current information of the models, there are no indications of impairment and the investment will be recovered.

3.3.- Property, plant and equipment

The changes in "Property, Plant and Equipment" in the consolidated balance sheets in 2017 and 2016 were as follows:

Thousands of euros						
Cost	Land and buildings	Machinery	Other fixtures, tools and furniture	Advances and property, plant and equipment in the course of construction	Other items of property, plant and equipment	Total
Balances at 1 January 2016	462,115	479,202	150,508	44,733	106,462	1,243,020
Additions and disposals due to changes in the scope of consolidation	46,257	-	25	569	66	46,917
Additions	7,335	13,436	14,412	39,074	7,764	82,021
Disposals	(38,638)	(44,642)	(14,454)	(4,380)	(10,970)	(113,082)
Transfers and other	(354,771)	(20,631)	(36,755)	(68,634)	(29,452)	(510,243)
Exchange differences	8,032	10,206	2,851	(5,125)	265	16,229
Balances at 31 December 2016	130,332	437,571	116,587	6,237	74,135	764,862
Additions and disposals due to changes in the scope of consolidation	-	-	-	-	-	-
Additions	1,315	14,768	5,096	17,333	10,417	48,929
Disposals	(4,061)	(43,406)	(6,966)	(4,330)	(5,168)	(63,931)
Transfers and other	(5,113)	(6,688)	(8,926)	(5,832)	(12,785)	(39,344)
Exchange differences	(3,955)	(19,068)	(8,042)	(147)	(4,951)	(36,163)
Balances at 31 December 2017	118,518	383,177	97,749	13,261	61,648	674,353
Accumulated depreciation						
Balances at 1 January 2016	111,914	326,724	110,293	-	58,060	606,991
Additions and disposals due to changes in the scope of consolidation	-	-	-	-	10	10
Additions	7,924	47,698	10,721	-	8,744	75,087
Disposals	(10,107)	(38,396)	(13,295)	-	(5,056)	(66,854)
Transfers and other	(75,768)	(8,739)	(18,568)	-	(15,426)	(118,501)
Exchange differences	1,895	6,419	1,845	-	959	11,118
Balances at 31 December 2016	35,858	333,706	90,996	-	47,291	507,851
Additions and disposals due to changes in the scope of consolidation	-	-	-	-	-	-
Additions	2,785	27,980	7,454	-	8,430	46,649
Disposals	(873)	(40,013)	(6,223)	-	(4,305)	(51,414)
Transfers and other	(1,493)	(7,048)	(5,548)	-	(5,441)	(19,530)
Exchange differences	429	(12,181)	(6,537)	-	(2,973)	(21,262)
Balances at 31 December 2017	36,706	302,444	80,142	-	43,002	462,294
Net balances at 31 December 2016	94,474	103,865	25,591	6,237	26,844	257,011
Net balances at 31 December 2017	81,812	80,733	17,607	13,261	18,646	212,059

The net balance at 31 December 2017 in the table above includes most notably the following items:

- Items of property, plant and equipment with a carrying amount of EUR 396 thousand (31 December 2016: EUR 402 thousand) mortgaged as security for loans against which EUR 161 thousand had been drawn down (31 December 2016: EUR 185 thousand) (see Note 3.17.1.).

At 31 December 2017 and 2016, there were no material amounts relating to items of property, plant and equipment that were temporarily idle or retired from active use.

The Group takes out the insurance policies required to cover the possible risks to which its property, plant and equipment are subject.

Property, plant and equipment with a gross cost of EUR 217,484 thousand had been fully depreciated and were still in use at 31 December 2017 (31 December 2016: EUR 198,895 thousand).

At 31 December 2017, no amount was recognised under "Property, Plant and Equipment" relating to borrowing costs capitalised during the construction period (31 December 2016: EUR 2,204 thousand).

The detail of the changes in borrowing costs capitalised at 31 December 2017 and 2016 is as follows:

	Thousands of euros
Balances at 1 January 2016	13,790
Additions	446
Transfers	(12,180)
Exchange differences	148
Balances at 31 December 2016	2,204
Disposals	(2,204)
Balances at 31 December 2017	-

3.4.- Investment property

The changes in "Investment Property" in the consolidated balance sheets in 2017 and 2016 were as follows:

	Thousands of euros
Balances at 1 January 2016	61,921
Additions and disposals due to changes in the scope of consolidation	10,739
Additions	7,243
Disposals	(3,401)
Exchange differences	(7,342)
Transfers	(2,323)
Balances at 31 December 2016	66,837
Additions	30,138
Disposals	(18,673)
Exchange differences	(4,458)
Transfers	(560)
Balances at 31 December 2017	73,284

At 31 December 2017, certain items of investment property with a carrying amount of EUR 3,218 thousand (31 December 2016: EUR 175 thousand) had been mortgaged as security for loans against which EUR 5,212 thousand had been drawn down (31 December 2016: EUR 119 thousand) (see Note 3.17.1.).

At 31 December 2017, the main investment property was the Mayakoba tourism development in the Riviera Maya area of Mexico, amounting to EUR 61,994 thousand (31 December 2016: EUR 56,789 thousand).

The tourism development in Mayakoba includes land awaiting development, and the relevant "Investment Property" line item includes only the land awaiting development, including most notably one plot of land with beach access which has licences to develop up to a maximum of 10,000 housing units.

The fair value of the Group's investment property at 31 December 2017, calculated mainly by reference to third-party appraisals and in-house estimates, amounted to EUR 106,665 thousand (31 December 2016: EUR 103,457 thousand).

3.5.- Goodwill

The detail, by company, of "Goodwill" in the consolidated balance sheets as at 31 December 2017 and 2016 is as follows:

Companies giving rise to goodwill	Thousands of euros	
	2017	2016
Agrupación Guinovart Obras y Servicios Hispania, S.A.	2,492	2,492
Avalora Tecnologías de la Información, S.A.	4,918	4,918
Construcciones Adolfo Sobrino, S.A.	3,408	3,408
Constructora Mayaluum, S.A. de C.V.	350	350
Constructora TP, S.A.C.	849	849
EyM Instalaciones, S.A.	99	99
OHL Servicios - Ingesan, S.A.U.	399	399
Total	12,515	12,515

In 2017 the Group analysed the recoverability of this goodwill based on the estimates and projections available by applying the discounted cash flow method. In this connection, it was concluded that there was no indication of impairment.

3.6.- Financial assets

Investment securities

The detail of "Investment Securities" at 31 December 2017 and 2016 is as follows:

	Thousands of euros			
	2017		2016	
	Non-current	Current	Non-current	Current
Held-to-maturity securities	1,143	46,657	1,443	56,988
Available-for-sale securities	207,970	3	112,421	339,180
Subtotal	209,113	46,660	113,864	396,168
Impairment losses	(148,049)	-	(112,549)	(3,673)
Total	61,064	46,660	1,315	392,495

The amounts of investment securities classified as current relate in full to securities maturing at over three months and at under twelve months.

"Impairment Losses" includes the estimated impairment losses that had to be recognised to write down the carrying amount of the investment securities to their fair value.

At 31 December 2017, "Investment Securities" included:

1) "Available-for-Sale Securities" amounting to EUR 108,480 thousand relating to the ownership interests in Aeropistas, S.L. and Autopista Eje Aeropuerto Concesionaria Española, S.A. These ownership interests have been written down in full.

2) "Available-for-Sale Securities" amounting to EUR 95,549 thousand relating to the ownership interest in Cercanías Móstoles Navalcarnero, S.A. This ownership interest has been partially written down -EUR (35,638) thousand-, and, therefore, the carrying amount of the ownership interest totals EUR 59,911 thousand, which the Group considers it will recover based on the measurement set forth below in this note.

Other receivables and deposits and guarantees given

The detail is as follows:

	Thousands of euros			
	2017		2016	
	Non-current	Current	Non-current	Current
Other receivables	450,037	100,762	378,300	271,412
Deposits and guarantees given	123,798	6,106	157,039	12,950
Impairment losses and write-downs	(133,908)	(13,409)	(133,823)	(13,409)
Total, net	439,927	93,459	401,516	270,953

If the loans granted to other companies pose any collection risk an impairment loss is recognised.

All the initial amounts are increased by accrued interest receivable.

At 31 December 2017, "Other Receivables" and "Deposits and Guarantees Given" included:

1) EUR 97,596 thousand (31 December 2016: EUR 111,835 thousand) (QAR 432.0 million) corresponding to guarantees unduly enforced by Qatar Foundation arising from the lawsuit with this customer in connection with the contract for the design and construction of the Sidra Medical Research Centre (Doha, Qatar), which the Group considers, based on the opinion of its legal advisers, to be recoverable in full.

2) EUR 15,869 thousand relating to guarantees of Cercanías Móstoles Navalcarnero, S.A. unduly enforced by the Autonomous Community Government of Madrid, which the Group considers, based on the opinion of its legal advisers, to be recoverable in full (see Note 4.6.2.5).

3) A participating loan of EUR 148,241 thousand relating to Aeropistas, S.L. and Autopista Eje Aeropuerto Concesionaria Española, S.A. An impairment loss of EUR (129,654) thousand was recognised on this loan and, therefore, it has a carrying amount of EUR 18,587 thousand (see Note 4.6.2.5).

4) EUR 125,879 thousand classified as loans and receivables relating to a participating loan of Cercanías Móstoles Navalcarnero, S.A., which previously was fully consolidated and is now recognised under this heading since it is in liquidation (see Note 4.6.2.5).

5) EUR 79,676 thousand relating to an account receivable from Grupo Villar Mir, S.A.U. as a result of the rescission of the agreement to purchase all of the share capital of Pacadar, S.A. The refund of the price paid is secured by the pledge of all the shares of Pacadar, S.A., and bears annual interest of 5.0% (see Note 4.4).

6) An impairment loss of EUR 9,999 thousand recognised on the Banco Popular, S.A. shares in 2017.

7) Loans to associates amounting to EUR 67,580 thousand (31 December 2016: EUR 102,121 thousand).

Impairment of Cercanías Móstoles Navalcarnero, S.A.

In view of the fact that Cercanías Móstoles Navalcarnero, S.A. is in liquidation, the Group considered the minimum recoverable amount to be the early termination value, which is estimated to exceed the carrying amount.

To calculate the early termination value, the provisions of Legislative Royal Decree 2/2000 were taken into account, which establish that in the event of termination of the concession arrangement the grantor must pay the concession operator the amounts invested for:

i. The compulsory purchase of land

ii. The construction work

iii. The acquisition of assets necessary to operate the concession.

In addition to the foregoing, the particular administrative specifications of this concession arrangement provide for the payment, in any event, and regardless of the ground for termination of the arrangement, of all the investments made to perform the arrangement, including those relating to construction work and installation projects, repair and major repair work, initially unforeseen construction work, and the investments to acquire and replace rolling stock, based in all cases on the level of amortisation taken.

The Group considers that the costs and amounts recognised are consistent with the foregoing items and, consequently, considers them to be recoverable.

The foregoing supports the total carrying amount of EUR 185,790 million recognised by the Group (an ownership interest of EUR 59,911 thousand and a participating loan of EUR 125,879 thousand), as upheld by studies conducted by independent legal and technical experts. In this regard, although there is uncertainty regarding when the liquidation will be resolved, and the ultimate amount to which the Group will be entitled, the directors consider that the latter will be higher than the carrying amount recognised at 2017 year-end.

3.7.- Joint arrangements

3.7.1. Investments accounted for using the equity method

The investments accounted for using the equity method at 31 December 2017 and 2016 were as follows:

Companies	Thousands of euros	
	2017	2016
Joint ventures		
Altos de Ciudad de Mayakoba, S.A. de C.V.	1,359	-
Consorcio Conpax OHL Valko, S.A.	2,494	346
Constructora Libramiento Elevado de Puebla, S.A. de C.V.	-	6,467
Controladora Vía Rápida Poetas, S.A.P.I. de C.V.	-	90,470
Coordinadora Vía Rápida Poniente, S.A.P.I. de C.V.	-	754
FHP Villas Lote 2, S.A. de C.V.	1,741	1,238
Fideicomiso Desarrollo OV CIB/2185	2,133	2,568
Health Montreal Collective CJV, L.P.	60,372	-
Libramiento Elevado de Puebla, S.A. de C.V.	-	44,098
Nova Dársena Esportiva de Bara, S.A.	14,369	14,461
Novaterra Caribe, S.A.P.I. de C.V.	4,445	2,354
OHL Construction Canada and FCC Canada Limited Partnership	-	7,244
OHL FCC North Tunnels Canada, Inc.	8,494	9,013
Proyecto CCC Empalme I, S.A.P.I. de C.V.	2,011	6,513
Rhatigan OHL Limited	1,066	-
Sociedad Concesionaria Vespucio Oriente, S.A.	-	25,780
Other	836	806
Associates		
Administradora Mexiquense del Aeropuerto Internacional de Toluca, S.A. de C.V.	-	43,209
Alse Park, S.L.	4,831	5,638
Arenales Solar PS, S.L.	19,400	18,546
Desarrollos RBK en la Riviera, S.A. de C.V.	2,460	-
E.M.V. Alcalá de Henares, S.A.	1,975	1,975
Golf de Mayakoba, S.A. de C.V.	5,535	-
Health Montreal Collective Limited Partnership	7,039	6,974
Hotel Hoyo Uno, S. de R.L. de C.V.	5,455	-
Islas de Mayakoba, S.A. de C.V.	16,072	-
Mayakoba Thai, S.A. de C.V.	13,214	-
Metro Ligero Oeste, S.A.	-	84,879
Nuevo Hospital de Toledo, S.A.	915	2,040
Operadora Hotelera del Corredor de Mayakoba, S.A. de C.V.	8,705	-
Proyecto Canalejas Group, S.L.	46,221	79,590
57 Whitehall Holdings S.A.R.L.	69,808	57,113
Other	2,177	1,535
Total	303,127	513,611

The changes in "Investments Accounted for Using the Equity Method" in the consolidated balance sheets in 2017 and 2016 were as follows:

	Thousands of euros	
	2017	2016
Beginning balance	513,611	1,668,246
Increases	140,511	280,545
Share of loss for the year from continuing operations	(45,452)	(35,255)
Share of profit for the year from discontinued operations	36,517	-
Decreases	(56,743)	(27,240)
Additions and disposals due to changes in the scope of consolidation	73,303	(1,372,685)
Transfers to non-current assets classified as held for sale	(358,620)	-
Ending balance	303,127	513,611

The additions and disposals due to changes in the scope of consolidation in 2017 relate mainly to companies that in 2016 were classified as held for sale and which in 2017 were accounted for using the equity method.

Appendices I, II and III include a list of the main investments accounted for using the equity method, showing the name, registered office, percentage of ownership and equity of the related companies and the net cost of the investment.

Following are the main aggregates of the joint ventures at 31 December 2017, in proportion to the percentage of ownership:

	Thousands of euros
Loss for the year from continuing operations	(28,761)
Profit after tax from discontinued operations	27,324
Total comprehensive income	(1,437)

Following are the main aggregates at 31 December 2017 of the other associates, in proportion to the percentage of ownership:

	Thousands of euros
Loss for the year from continuing operations	(16,691)
Profit after tax from discontinued operations	9,193
Other comprehensive income	2,685
Total comprehensive income	(4,813)

3.7.2 Joint operations

The Group undertakes certain of its business activities by participating in contracts that are executed jointly with other non-Group venturers, mainly through unincorporated temporary joint ventures ("UTEs") and other similar entities, which are proportionately consolidated in the Group's consolidated financial statements.

Following are the main aggregates at 31 December 2017 of the joint operations, in proportion to the percentage of ownership, which the Group considers not to be material taken individually:

	Thousands of euros
Non-current assets	120,431
Current assets	952,417
Non-current liabilities	4,383
Current liabilities	1,023,987
Revenue	676,204
Profit from operations	60,181
Profit before tax	63,987

There is no individual joint operation that is material with respect to the Group's assets, liabilities and results.

3.8.- Non-current assets and liabilities classified as held for sale and discontinued operations

As indicated in Note 1.3, "Discontinued Operations", in 2017 OHL Concesiones, S.A.U.'s operations were discontinued.

The discontinuation of the Concessions line of business meant that:

- In the consolidated balance sheet as at 31 December 2017 all OHL Concesiones, S.A.U.'s assets were presented as a single line item under "Non-Current Assets Classified as Held for Sale and Discontinued Operations" and all its liabilities as a single line item under "Liabilities Associated with Non-Current Assets Classified as Held for Sale and Discontinued Operations".

- In the consolidated statements of profit or loss for 2017 and 2016, the profit net of tax and before non-controlling interests was presented as a single line item under "Profit for the Year from Discontinued Operations Net of Tax".

- The consolidated statements of cash flows for 2017 and 2016 were obtained after adjusting the 2016 and 2015 balances in line with 2017.

Set forth below is an illustration of the effect in 2017, by balance sheet heading, of the classification of these investments as held for sale, followed by a detail, by heading, of the statements of profit or loss and of cash flows of the discontinued Concessions line of business.

ASSETS	Thousands of euros 31/12/17
Non-current assets	
Concession infrastructure	6,295,778
Property, plant and equipment of companies accounted for using the equity method	358,620
Deferred tax assets	318,862
Other non-current assets	62,801
Total non-current assets	**7,036,061**
Current assets	
Non-current assets classified as held for sale and discontinued operations	**(8,023,590)**
Inventories	37,054
Trade and other receivables	201,811
Current financial assets	215,656
Other current assets	25,718
Cash and cash equivalents	507,290
Total current assets	**(7,036,061)**
Total assets	-
LIABILITIES	31/12/17
Non-current liabilities	
Bank borrowings	1,881,084
Deferred tax liabilities	1,181,569
Long-term provisions	134,063
Other non-current liabilities	173,255
Total non-current liabilities	**3,369,951**
Current liabilities	
Liabilities associated with non-current assets classified as held for sale and discontinued operations	**(4,141,724)**
Bank borrowings and other financial liabilities	494,375
Trade and other payables	78,051
Other current liabilities	199,347
Total current liabilities	**(3,369,951)**
Total liabilities	-

STATEMENT OF PROFIT OR LOSS	Thousands of euros 2017	2016
Revenue	439,963	520,260
Other operating income	838,599	594,691
TOTAL INCOME	**1,278,562**	**1,114,951**
Procurements	(62,474)	(144,780)
Staff costs	(61,305)	(72,521)
Other operating expenses	(170,537)	(98,469)
Depreciation and amortisation charge	(26,539)	(37,150)
Changes in provisions and allowances	13	(34,075)
PROFIT FROM OPERATIONS	**957,720**	**727,956**
Finance income	43,883	30,812
Finance costs	(313,476)	(369,214)
Exchange differences	(23,155)	(6,747)
Net gains (losses) on remeasurement of financial instruments at fair value	(29,404)	49,718
Results of companies accounted for using the equity method	36,517	113,630
Net gains on disposals of financial instruments	21,778	265,226
PROFIT BEFORE TAX	**693,863**	**811,381**
Income tax	(196,280)	(189,083)
PROFIT FOR THE YEAR FROM DISCONTINUED OPERATIONS, NET OF TAX	**497,583**	**622,298**

CASH FLOWS FROM THE DISCONTINUED OPERATIONS	Thousands of euros 2017	2016
Cash flows from operating activities	364,284	122,710
Cash flows from investing activities	456,424	1,099,822
Cash flows from financing activities	(462,980)	(1,357,933)
CASH FLOWS FROM DISCONTINUED OPERATIONS, NET OF TAX	**357,728**	**(135,401)**

In accordance with IFRS 5, in 2016 "Non-Current Assets Classified as Held for Sale" and "Liabilities Associated with Non-Current Assets Classified as Held for Sale" included the assets and liabilities of: Lagunas de Mayakoba, S.A. de C.V., Operadora Mayakoba, S.A. de C.V., Operadora Hotelera del Corredor de Mayakoba, S.A. de C.V., Servicios Hoteleros del Corredor de Mayakoba, S.A. de C.V., Islas de Mayakoba, S.A. de C.V., Islas de Mayakoba Servicios, S.A. de C.V., Desarrollos RBK en la Riviera, S.A. de C.V., Aqua Mayakoba, S.A. de C.V., Lote 3 Servicios, S.A. de C.V., Mayakoba Thai, S.A. de C.V., Controladora Hoyo 1, S.A. de C.V., Hotel Hoyo Uno, S. de R.L. de C.V., HH1 Servicios, S. de R.L. de C.V., Golf de Mayakoba, S.A. de C.V. and Golf Mayakoba Servicios, S.A. de C.V., which were in the process of being divested and which were sold in 2017 (see Note 3.22.)

ASSETS	Thousands of euros
Non-current assets	
Property, plant and equipment	384,998
Investment property	13,318
Non-current financial assets	1,332
Deferred tax assets	32,961
Total non-current assets	432,609
Current assets	
Non-current assets classified as held for sale and discontinued operations	**(491,963)**
Inventories	2,334
Trade and other receivables	20,808
Current financial assets	30,768
Other current assets	1,244
Cash and cash equivalents	4,200
Total current assets	(432,609)
Total assets	-
LIABILITIES	
Non-current liabilities	
Bank borrowings	149,884
Other financial liabilities	1,416
Deferred tax liabilities	8,918
Deferred income	3
Total non-current liabilities	160,221
Current liabilities	
Liabilities associated with non-current assets classified as held for sale and discontinued operations	**(220,008)**
Bank borrowings	14,594
Other financial liabilities	30
Trade and other payables	31,369
Provisions	1,426
Other current liabilities	12,368
Total current liabilities	(160,221)
Total liabilities	-

3.9.- Trade and other receivables

Trade receivables for sales and services

The detail of "Trade Receivables for Sales and Services" at 31 December 2017 and 2016 is as follows:

	Thousands of euros	
	2017	2016
Trade receivables for sales and services		
Amounts to be billed for work or services performed	1,039,355	1,031,550
Progress billings receivable	528,268	631,841
Retentions	140,001	134,705
Trade notes receivable	2,783	8,286
Subtotal	1,710,407	1,806,382
Customer advances	(477,757)	(461,614)
Total net of advances	1,232,650	1,344,768
Write-downs and provisions	(299,625)	(313,085)
Total, net	933,025	1,031,683

At 31 December 2017, the balance of "Trade Receivables for Sales and Services" had been reduced by EUR 40,838 thousand (31 December 2016: EUR 53,108 thousand) relating to the accounts receivable from customers factored to banks. Since these factoring arrangements are without recourse in the event of non-payment, they are treated as a reduction of trade receivables.

The detail of "Trade Receivables for Sales and Services" by type of customer is as follows:

	Thousands of euros	
	2017	2016
Spain	**391,275**	**391,293**
Public sector	**159,705**	**162,516**
Central government	31,939	42,363
Autonomous community governments	41,266	52,647
Local governments	38,429	35,455
Other agencies	48,071	32,051
Private sector	**231,570**	**228,777**
Abroad	**1,319,132**	**1,415,089**
Total	1,710,407	1,806,382

At 31 December 2017, 55.2 % (EUR 727,900 thousand) of the balance of "Trade Receivables for Sales and Services - Abroad" related to the public sector and 44.8% (EUR 591,232 thousand) to the private sector.

Of the balance of "Progress Billings Receivable" and "Trade Notes Receivable", totalling EUR 531,051 thousand, 62.3% (EUR 330,953 thousand) relate to the public sector and 37.7% (EUR 200,098 thousand) to the private sector.

The detail of the aging of this balance is as follows:

	Thousands of euros		
	Type of customer		
	Public sector	Private sector	Total
0 to 90 days	259,849	76,394	336,243
91 to 180 days	20,710	9,411	30,121
181 to 360 days	20,561	3,684	24,245
More than 360 days	29,833	110,609	140,442
Total	330,953	200,098	531,051

The Group includes under "Trade Receivables for Sales and Services - Amounts to Be Billed for Work or Services Performed" the amount of claims under negotiation with customers or in dispute (either in court or in arbitration) that it expects will probably be obtained, as indicated in Note 2.6.15.2.1. All the amounts recognised as a result of court claims or requests for arbitration relate mainly to projects that have already been completed.

The Group has lodged claims with customers totalling approximately EUR 739,800 thousand (2016: EUR 693,100 thousand).

The change in claims compared with 2016 is due mainly to the inclusion of the claim relating to the **"Design & Build Package 5 - Major Stations - Doha Metro Project"** contract, as well as the reduced amount of the **"Algiers Southern Bypass"** claim, as a result of the agreement concluded with the customer.

Additionally, and as a result of a reassessment of the situation of all the claims filed, assessing the status of the negotiations with customers and the probability of success of the claims at short term, together with other circumstances, the Group performed new estimates of the revenue from the projects, significantly reducing the amount of the claims recognised with respect to those in the consolidated financial statements for 2016.

Based on the foregoing, the Group recognised under "Trade Receivables for Sales and Services" EUR 402,000 thousand relating to these claims (2016: EUR 425,200 thousand), of which EUR 346,600 thousand were in dispute (either in court or in arbitration), representing 86.2% of the total amount (2016: EUR 355,600 thousand, representing 83.6% of the total amount).

However, since the Group fully retains the legitimate right to collect all of the related amounts, it will continue to take all the actions required to recover them.

No income was recognised in relation to claims in dispute (either in court or in arbitration) in 2017.

The changes in the related provisions in 2017 and 2016 were as follows:

	Thousands of euros	
	2017	2016
Balance at 1 January	(313,085)	(432,806)
Provisions recognised	(9,607)	(65,625)
Provisions used	4,920	36,528
Provisions reversed	18,483	146,644
Exchange differences	(721)	(4)
Changes in the scope of consolidation	(246)	-
Transfers to "Non-Current Assets Classified as Held for Sale and Discontinued Operations"	631	2,378
Balance at 31 December	(299,625)	(313,085)

Of the total provisions at 31 December 2017, EUR 204,680 thousand covered possible losses arising from the disputed claims recognised and the remaining EUR 94,945 thousand related to doubtful debts associated with other receivables.

In order to determine the amount of the provisions for possible losses arising from claims recognised, estimates are made which take the following into account for each project on a case-by-case basis:

- The status of the negotiations with each customer.
- The technical assessment of the work performed and of the conformity thereof with the contract with the customer, performed by the project managers and taking into account, if appropriate, any expert reports.
- Assessments made by the Group's internal and external legal advisers to estimate the feasibility and chances of success of the claim filed, based on the knowledge of the project and the related stage of completion; the status is updated on the basis of any new milestone or change.

For other provisions, mainly for doubtful debts, estimates are made considering any failure to meet payment obligations under the contracts and the probability of default, which are analysed for each contract and customer. At each reporting date the information is updated to determine the recoverable amount.

Other supplementary information on construction contracts and other contracts under which the related revenue and costs are recognised by reference to the stage of completion

Contract revenue associated with construction contracts and certain services contracts is recognised by reference to the stage of completion pursuant to IAS 11 (see Note 2.6.15.2.1.).

As indicated in that Note, the difference between the revenue recognised and the amounts actually billed to the customer is analysed systematically on a contract-by-contract basis. If the amount billed is lower than the revenue recognised, the difference is recognised as an asset under "Trade Receivables for Sales and Services - Amounts to Be Billed for Work Performed", whereas if the amount of revenue recognised is lower than the amount billed, a liability is recognised under "Trade and Other Payables - Customer Advances - Amounts Billed in Advance for Construction Work".

Also, in certain construction contracts advances are agreed upon that are paid by the customer when work commences on the contract, the balance of which is offset against the various progress billings as the contract work is performed. This balance is recognised under "Trade and Other Payables" on the liability side of the consolidated balance sheet.

Also, in certain contracts the customer retains a portion of the price to be paid in each progress billing to guarantee the fulfilment of certain obligations under the contract. These retentions are not reimbursed until the contract is definitively settled. These balances are recognised under "Trade and Other Receivables" on the asset side of the consolidated balance sheet.

The detail of the amounts recognised in this connection at 31 December 2017 and 2016 is as follows:

	Thousands of euros			
	2017	2016	Difference	Change %
Amounts to be billed for work performed	1,029,516	1,024,678	4,838	0.5
Customer advances	(469,283)	(442,570)	(26,713)	6.0
Construction contracts, net	560,233	582,108	(21,875)	-3.8
Retentions	140,001	134,705	5,296	3.9
Net amount after advances and retentions	700,234	716,813	(16,579)	-2.3

Other receivables

The detail of the related accounts receivable at 31 December 2017 and 2016 is as follows:

	Thousands of euros					
	2017			2016		
	Gross balance	Write-downs	Net balance	Gross balance	Write downs	Net balance
Receivable from associates	172,163	(993)	171,170	254,050	(1,195)	252,855
Employee receivables	1,655	-	1,655	2,435	-	2,435
Tax receivables (Note 3.21)	89,650	-	89,650	204,366	-	204,368
Sundry accounts receivable	68,230	(5,312)	62,918	142,253	(14,988)	127,265
Total	331,698	(6,305)	325,393	603,104	(16,183)	586,921

The balances receivable from associates relate mainly to transactions associated with the Group's normal business activities, which are performed on an arm's length basis.

The net balance of "Sundry Accounts Receivable" at 31 December 2017 and 2016 is broken down as follows:

	Thousands of euros	
	2017	2016
Provision of services, leases and sale of machinery and materials	62,918	85,335
Amounts receivable for compulsory purchases	-	41,930
Total	62,918	127,265

3.10.- Cash and cash equivalents

"Cash and Cash Equivalents" relates to the Group's fully liquid assets and includes cash on hand and at banks and short-term bank deposits with an original maturity of three months or less. These balances are not restricted as to their use and are not subject to a risk of changes in value.

Most of the balances relate to short-term deposits.

3.11.- Share capital

The changes in the share capital of the Parent in 2017 and 2016 were as follows:

	Number of shares	Par value (Thousands of euros)
Number of shares and par value of share capital at 31 December 2016	298,758,998	179,255
Number of shares and par value of share capital at 31 December 2017	298,758,998	179,255

The share capital of OHL, S.A. amounts to EUR 179,255,398.80, divided into 298,758,998 shares of EUR 0.60 par value each, all of the same class and series. The shares are listed on the Madrid and Barcelona Stock Exchanges and are traded on the Spanish Stock Market Interconnection System.

The detail of the companies with a direct or indirect ownership interest of 3% or more in the share capital of the Parent at 31 December 2017 is as follows:

Company	% of ownership
Inmobiliaria Espacio, S.A.	51.124
Société Générale, S.A.	4.285
Deutsche Bank, A.G.	4.243
Hengistbury Investment Partners LLP	3.687
Hengistbury Master Fund Limited	3.391
Santander Asset Management, S.A. SGIIC	3.022

The shareholders at the Extraordinary General Meeting held on 9 January 2018 resolved to reduce the Parent's share capital by EUR 7,326,425.40 by retiring 12,210,709 treasury shares of EUR 0.60 par value each, representing a total of 4.087% of the share capital. Consequently, following the capital reduction the share capital will amount to EUR 171,928,973.40, represented by 286,548,289 shares of EUR 0.60 par value each.

The public deed for the capital reduction approved by the shareholders at the Extraordinary General Meeting was formally registered at the Madrid Mercantile Registry on 6 February 2018.

The capital reduction will be charged to unrestricted reserves and will not give rise to a reimbursement of shareholder contributions. The Company will recognise a reserve for an amount equal to the par value of the retired shares, use of which will be subject to the same requirements as those for the capital reduction, as provided for in the Spanish Limited Liability Companies Law, and, consequently, the Parent's creditors will not be entitled to object to the capital reduction.

3.12.- Share premium

	Thousands of euros
Balance at 1 January 2016	1,265,300
Balance at 31 December 2016	1,265,300
Balance at 31 December 2017	1,265,300

The Consolidated Spanish Limited Liability Companies Law expressly permits the use of the share premium account balance to increase the capital of the entities at which it is recognised and does not establish any specific restrictions as to its use.

3.13.- Treasury shares

The changes in "Treasury Shares" in 2017 and 2016 were as follows:

	No. of shares	Thousands of euros
Balance at 1 January 2016	256,926	3,908
Purchases	35,103,311	155,566
Sales	(23,398,436)	(113,329)
Balance at 31 December 2016	11,961,801	46,145
Purchases	16,100,595	63,937
Sales	(15,530,457)	(61,444)
Balance at 31 December 2017	12,531,939	48,638

3.14.- Reserves

The detail of the reserves in the consolidated balance sheets in 2017 and 2016 is as follows:

	Thousands of euros	
	2017	2016
Restricted reserves of the Parent		
Legal reserve	11,969	11,969
Reserve for retired capital	3,856	3,856
Subtotal	15,825	15,825
Voluntary and consolidation reserves		
Attributable to the Parent	(707,018)	(189,470)
Attributable to the consolidated companies	2,225,326	2,235,397
Subtotal	1,518,308	2,045,927
Total	1,534,133	2,061,752

Legal reserve

Under the Consolidated Spanish Limited Liability Companies Law, a minimum of 10% of net profit for each year must be transferred to the legal reserve until the balance of this reserve reaches at least 20% of the share capital. The legal reserve can be used to increase capital provided that the remaining reserve balance does not fall below 10% of the increased share capital amount. Otherwise, until the legal reserve exceeds 20% of share capital, it can only be used to offset losses, provided that sufficient other reserves are not available for this purpose.

Reserve for retired capital

The balance of "Reserve for Retired Capital" amounted to EUR 3,856 thousand at 31 December 2017 (31 December 2016: EUR 3,856 thousand), as a result of the capital reductions performed in 2009 amounting to EUR 2,625 thousand and in 2006 amounting to EUR 1,231 thousand, through the retirement of treasury shares, and pursuant to current legislation safeguarding the guarantee provided by equity vis-à-vis third parties.

This reserve is restricted as to its use and may only be used if the same requirements as those stipulated for capital reductions are met, i.e. the shareholders at the Annual General Meeting must decide on its use.

Limitations on the distribution of dividends

Until the balance of development expenditure has been fully amortised, no dividends may be distributed unless the unrestricted reserves are at least equal to the amount of the unamortised balance of this heading. Consequently, at the end of 2017 EUR 6,181 thousand of the Parent's "Share Premium" and "Other Reserves" were restricted.

Reserves of consolidated companies

The detail, by company, of the balances of "Reserves of Consolidated Companies" in the consolidated balance sheets as at 31 December 2017 and 2016 is as follows:

Companies	Thousands of euros	
	2017	2016
Autopista del Norte, S.A.C. (*)	43,859	32,954
Autopista Urbana Norte, S.A. de C.V. (*)	248,227	189,770
Community Asphalt Corp.	(42,737)	(30,539)
Concesionaria Mexiquense, S.A. de C.V. (*)	405,871	533,924
Constructora de Proyectos Viales de México, S.A. de C.V.	153,434	148,157
Controladora Vía Rápida Poetas, S.A. de C.V. (*)	74,714	58,441
Health Montreal Collective CJV, L.P.	(159,880)	(12,276)
Huaribe, S.A. de C.V.	(26,387)	(27,524)
Judlau Contracting, Inc.	19,193	18,076
Latina México, S.A. de C.V. (*)	3,053	53,057
Magenta Infraestructura, S.L. (*)	19,180	-
Obrascón Huarte Lain Construcción Internacional, S.L.	(155,151)	(19,119)
Obrascón Huarte Lain, Desarrollos, S.L.	(84,915)	(59,258)
OHL Andina, S.A.	20,991	18,716
OHL Arabia, LLC	29,953	49,719
OHL Central Europe, a.s.	46,315	(29,719)
OHL Concesiones, S.A. (*)	424,351	670,979
OHL Construction Canadá and FCC Canada Limited Partnership	(61,747)	(59,967)
OHL Emisiones, S.A.U. (*)	390,259	154,183
OHL Finance, S.á.r.l.	244,699	28
OHL Industrial, S.L.	944	(61,469)
OHL Investments, S.A. (*)	(342,904)	(343,710)
OHL México, S.A.B. de C.V. (*)	1,016,153	864,901
OHL USA, Inc.	(103,976)	(44,190)
OHL ZS, a.s.	(19,134)	31,874
OHLDM, S.A. de C.V.	(24,437)	7
Operadora Hotelera del Corredor Mayakoba, S.A. de C.V.	-	(33,599)
Organización de Proyectos de Infraestructura, S.A.P.I. de C.V. (*)	(18,011)	(20,629)
Terminales Marítimas del Sureste, S.A. (*)	(26,971)	(23,480)
Viaducto Bicentenario, S.A. de C.V. (*)	222,177	183,852
ZPSV, a.s.	(70,246)	4,650
Other	(1,551)	(12,412)
Total	2,225,326	2,235,397

(*) Companies included in the discontinued line of business.

3.15.- Valuation adjustments

Valuation adjustments relating to hedges

The valuation adjustments relating to hedges include the amount of the changes in the fair value of financial derivatives, net of the related tax effect.

The changes in "Valuation Adjustments Relating to Hedges" in 2017 and 2016 were as follows:

	Thousands of euros	
	2017	2016
Beginning balance	(43,207)	(189,577)
Net change in the year at fully consolidated companies	19,854	52,792
Net change in the year at companies accounted for using the equity method	2,685	93,578
Ending balance	(20,668)	(43,207)

Valuation adjustments relating to available-for-sale financial assets

The changes in "Valuation Adjustments Relating to Available-for-Sale Financial Assets" in 2017 and 2016 were as follows:

	Thousands of euros	
	2017	2016
Beginning balance	(15,011)	-
Valuation adjustments relating to available-for-sale financial assets / reclassification to profit or loss	15,011	(15,011)
Ending balance	-	(15,011)

Translation differences

The detail, by country and company, of "Translation Differences" at 31 December 2017 and 2016 is as follows:

Country	Thousands of euros	
	2017	2016
Saudi Arabia	4,411	11,477
Argentina	(1,931)	(1,996)
Canada	8,773	(4,151)
Colombia	(13,397)	(4,058)
Mexico	(726,426)	(577,388)
Chile	273	7,718
Peru	(2,415)	9,886
United Kingdom	(7,055)	(4,952)
Czech Republic	4,096	5,533
US	1,528	29,143
Other countries	1,502	(1,129)
Total	(730,641)	(529,917)

3.16.- Non-controlling interests

The balance of "Non-Controlling Interests" in the consolidated balance sheet reflects the interest of non-controlling shareholders in the fully consolidated companies. The balance relating to non-controlling interests in the consolidated statement of profit or loss reflects the share of non-controlling shareholders in the profit or loss for the year.

The detail of "Non-Controlling Interests" in the consolidated balance sheets as at 31 December 2017 and 2016 is as follows:

Companies	Thousands of euros	
	2017	2016
Autopista Urbana Norte, S.A. de C.V. (*)	168,201	130,872
Autovías Concesionadas OHL, S.A. de C.V. (*)	(2,025)	(4,990)
Community Asphalt Corp.	-	5,352
Concesionaria AT - AT, S.A. de C.V. (*)	(21,236)	(12,731)
Concesionaria Mexiquense, S.A. de C.V. (*)	889,880	627,673
Grupo Autopistas Nacionales, S.A. (*)	6,579	4,665
Hotel Hoyo Uno, S. de R.L. de C.V.	-	15,603
Latina México, S.A. de C.V. (*)	2,138	34,700
Magenta Infraestructuras, S.L.U. (*)	815,248	-
Mayakoba Thai, S.A. de C.V.	-	4,786
OHL Industrial and Partners LLC	(5,596)	(3,101)
OHL México, S.A.B. de C.V. (*)	(40,442)	672,923
OHL Toluca, S.A. de C.V. (*)	(47,016)	(47,013)
OPCEM, S.A.P.I. de C.V. (*)	3,123	2,513
Operadora Concesionaria Mexiquense, S.A. de C.V. (*)	6,602	5,139
Operadora Mayakoba, S.A. de C.V.	-	8,492
Organización de Proyectos de Infraestructura, S.A.P.I. de C.V. (*)	117,900	55,542
Sociedad Concesionaria Aguas de Navarra, S.A.	3,154	2,513
Viaducto Bicentenario, S.A. de C.V. (*)	111,729	98,047
Other	8,324	2,219
Total	2,016,563	1,603,204

(*) Companies included in the discontinued line of business.

The main change in 2017 corresponds to the sale of 24.01% of Organización de Proyectos de Infraestructura, S.A.P.I. de C.V.

The detail of the share of non-controlling interests in the profit or loss for 2017 and 2016 is as follows:

Companies	Thousands of euros	
	2017	2016
Autopista Urbana Norte, S.A. de C.V.	64,215	44,393
Concesionaria Mexiquense, S.A. de C.V.	194,930	130,008
Grupo Autopistas Nacionales, S.A.	3,424	1,793
Hotel Hoyo Uno, S. de R.L. de C.V.	(152)	2,100
Magenta Infraestructuras, S.L.U.	(5,677)	-
Metro Ligero Oeste, S.A.	-	11,290
OHL Industrial and Partners LLC	(3,032)	(2,501)
OHL México, S.A.B. de C.V.	1,806	(11,808)
Operadora Concesionaria Mexiquense, S.A. de C.V.	2,816	1,580
Organización de Proyectos de Infraestructura, S.A.P.I. de C.V.	(17,312)	(12,170)
Viaducto Bicentenario, S.A. de C.V.	41,654	29,085
Other	9,460	3,252
Total	292,132	197,022

The profit for 2017 attributable to the non-controlling interests of discontinued operations amounts to EUR 292,513 thousand.

The detail of the percentages of ownership and the company name of the non-controlling shareholders at 31 December 2017 of the fully consolidated Group companies is as follows.

Company	% Non controlling interests	Company name
Autopista Urbana Norte, S.A. de C.V.	43.15%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Autovías Concesionadas OHL, S.A. de C.V.	43.15%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Cogeneración Complejo Pajantos, S.A.P.I. de C.V.	50.00%	Senermex Ingeniería y Sistemas, S.A. de C.V.
Concesionaria AT - AT, S.A. de C.V.	43.15%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Concesionaria Mexiquense, S.A. de C.V.	63.29%	Woodside Spain, S.L. (through Organización de Proyectos de Infraestructuras, S.A.P.I. de C.V.)
	7.72%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Consorcio Aura - OHL, S.A.	35.00%	Aura Ingeniería, S.A.
Construcciones Amozoc Perote, S.A. de C.V.	30.82%	Invex Infraestructura, S.A.P.I. de C.V.
	29.85%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Estación Rebombeo Degollado, S.A.P.I. de C.V.	50.00%	Construcciones Industriales Tapia, S.A. de C.V.
Grupo Autopistas Nacionales, S.A.	30.82%	Invex Infraestructura, S.A.P.I. de C.V.
	29.85%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Hidrógeno Cadereyta, S.A.P.I. de C.V.	40.70%	KT Kinetics Technology, SPA
	5.40%	Construcciones Industriales Tapia, S.A. de C.V.
Hidro Parsifal, S.A. de C.V.	9.98%	José Federico Ramos Elorduy Wolfslindseder
	5.05%	María de Lourdes Bernarda Ramos Elorduy
	5.05%	Grupo HI, S.A. de C.V.
	0.13%	Mexichen Fluor, S.A. de C.V.
	0.13%	Mexichen Soluciones Integrales, S.A. de C.V.
Latina Mexico, S.A. de C.V.	43.15%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Magenta Infraestructuras, S.A.	41.27%	Woodside Spain, S.L.
Marina Urola, S.A.	47.34%	Servicios Náuticos Astilleros Elkano, S.L.
	1.66%	Marinas del Mediterráneo, S.L.
OHL Industrial and Partners, LLC	30.00%	Faisal Hamid Ahmed Ghazali
OHL México, S.A.B. de C.V.	28.01%	Woodside Spain, S.L. (through Magenta Infraestructuras, S.L.)
	15.14%	Mexican Stock Exchange
OHL Toluca, S.A. de C.V.	43.15%	Mexican Stock Exchange (through OHL México, S.A. de C.V.)
OHL ZS, a.s.	1.06%	Other
OHL ZS d.o.o. Banja Luka	1.06%	Other (through OHL ZS, a.s.)
OHL ZS MO, S.R.L.	1.06%	Other (through OHL ZS, a.s.)
OHL ZS Polska, S.Z.o.o.	1.06%	Other (through OHL ZS, a.s.)
OPCEM, S.A.P.I. de C.V.	49.00%	Woodside Spain, S.L.
	14.29%	Woodside Spain, S.L. (through OHL México, S.A.B. de C.V.)
	7.72%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)

Companies	% Non-controlling interests	Company name
Operadora Concesionaria Mexiquense, S.A. de C.V.	43.15%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Organización de Proyectos de Infraestructura, S.A.P.I. de C.V.	49.00%	Woodside Spain, S.L.
	14.29%	Woodside Spain, S.L. (through OHL México, S.A.B. de C.V.)
	7.72%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Seconmex Administración, S.A. de C.V.	43.15%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
Sociedad Concesionaria Aguas de Navarra, S.A.	35.00%	Sociedad General de Aguas de Barcelona, S.A.
Tomi Remont, a.s.	1.06%	Other (through OHL ZS, a.s.)
Viaducto Bicentenario, S.A. de C.V.	43.15%	Mexican Stock Exchange (through OHL México, S.A.B. de C.V.)
ZPSV, a.s.	3.25%	Other
ZPSV Caña, a.s.	41.06%	ZSR Bratislava
	1.92%	Other (through ZPSV, a.s.)
ZPSV Eood, a.s.	3.25%	Other (through ZPSV, a.s.)
ZS Bratislava, a.s.	1.06%	Other (through OHL ZS, a.s.)

3.17.- Bank borrowings and debt instruments and other marketable securities

At 31 December 2017, the bank borrowings and debt instruments and other marketable securities amounted to EUR 1,574,235 thousand.

The related maturities are as follows:

	Thousands of euros						
	2018	2019	2020	2021	2022	Subsequent years	Total
Bank borrowings	**659,338**	**3,431**	**1,485**	**45**	**5,155**	**55**	**669,509**
Corporate bond issues	14,646	-	185,983	-	389,660	307,742	898,031
Other marketable securities	6,695	-	-	-	-	-	6,695
Total debt instruments and other marketable securities	**21,341**	**-**	**185,983**	**-**	**389,660**	**307,742**	**904,726**
Total bank borrowings and debt instruments and other marketable securities	**680,679**	**3,431**	**187,468**	**45**	**394,815**	**307,797**	**1,574,235**

3.17.1- Bank borrowings

The detail of the bank borrowings at 31 December 2017, by maturity, is as follows:

	Thousands of euros						
	2018	2019	2020	2021	2022	Subsequent years	Total
Mortgage loans	37	39	42	45	5,155	55	5,373
Progress billing and note discounting facilities	3,438	-	-	-	-	-	3,438
Loans and credit facilities	602,636	3,392	1,443	-	-	-	607,471
Total mortgage and other loans	**606,111**	**3,431**	**1,485**	**45**	**5,155**	**55**	**616,282**
Loans of concession operators	52,058	-	-	-	-	-	52,058
Total loans	**658,169**	**3,431**	**1,485**	**45**	**5,155**	**55**	**668,340**
Unmatured accrued interest payable	1,168	-	-	-	-	-	1,168
Unmatured accrued interest payable of concession operators	1	-	-	-	-	-	1
Total unmatured accrued interest payable	**1,169**	-	-	-	-	-	**1,169**
Total	659,338	3,431	1,485	45	5,155	55	669,509

At 31 December 2017, the bank borrowings hedged by interest rate derivatives represented 6.6% of the total (31 December 2016: 31.9%).

- Mortgage loans

  At 31 December 2017, certain items of property, plant and equipment amounting to EUR 396 thousand (31 December 2016: EUR 402 thousand) had been mortgaged for loans totalling EUR 161 thousand (31 December 2016: EUR 185 thousand) (see Note 3.3.).

  At 31 December 2017, certain items of investment property amounting to EUR 3,218 thousand (31 December 2016: EUR 175 thousand) had been mortgaged for loans totalling EUR 5,212 thousand (31 December 2016: EUR 119 thousand) (see Note 3.4.).

  These loans bear interest at market rates.

- Progress billing and note discounting facilities

	Thousands of euros	
	2017	2016
Limit	28,445	23,399
Amount drawn down	**3,438**	**3,865**
Undrawn balance	25,007	19,534

The average interest rate on the amounts drawn down was 3.20% in 2017 (2016: 1.85%).

- Loans, credit facilities and loans of concession operators

	Thousands of euros	
	2017	2016
Limit	855,798	2,618,760
Amount drawn down	665,800	2,377,088
Undrawn balance	189,998	241,672

The average interest rate on the amounts drawn down was 2.81% in 2017 (2016: 5.63%).

The most noteworthy loan transactions were as follows:

1) Syndicated loan

In June 2015 a long-term syndicated loan of EUR 250,000 thousand was arranged.

At 31 December 2017 and 2016, this loan had been drawn down in full and classified as current, with EUR 41,000 thousand maturing on 28 July 2018 and EUR 209,000 thousand on 28 July 2019.

In relation to this syndicated loan, there is an obligation to achieve a series of financial ratios at the end of each year, which at 31 December 2017 were not being achieved. Accordingly, the Parent transferred the loan to current liabilities and requested a wavier which the banks authorised subsequent to year-end, on the condition that the loan be repaid when the sale of all of the shares of OHL Concesiones is completed.

2) Multi-product syndicated financing

On 30 March 2017, the OHL Group signed a multi-product syndicated financing agreement, secured by the shares of OHL Concesiones, S.A. and Obrascón Huarte Lain, Desarrollos, S.L., which was novated on 29 November 2017, and includes a revolving credit line of EUR 190,000 thousand.

EUR 190,000 thousand had been drawn down against that line of credit at 31 December 2017.

This credit line is subject to an obligation to achieve a series of financial ratios at the end of each year, which at 31 December 2017 were not being achieved. The Parent requested a wavier which the banks authorised subsequent to year-end, on the condition that the loan be repaid in full when the sale of all of the shares of OHL Concesiones is completed.

3) Loans of concession operators

At 31 December 2017, "Loans of Concession Operators" totalled EUR 52,058 thousand and related to the loan of Sociedad Concesionaria Aguas de Navarra, S.A., which bears interest of 3.35% and is classified at short term due to the failure to comply with the clauses of the loan agreement.

3.17.2- Debt instruments and other marketable securities

The detail of "Debt Instruments and Other Marketable Securities" in the consolidated balance sheets as at 31 December 2017 and 2016 is as follows:

	Thousands of euros	
	2017	2016
Corporate bond issues (long-term)	883,385	1,473,418
Corporate bond issues (short-term)	14,646	21,884
Commercial paper issue (short-term)	6,695	9,448
Bond issues of concession operators (long-term)	-	539,994
Bond issues of concession operators (short-term)	-	6,637
Total	904,726	2,051,381

The detail of the corporate bonds, other marketable securities and bonds of concession operators, by maturity, is as follows:

	Thousands of euros						
	2018	2019	2020	2021	2022	Subsequent years	Total
Corporate bond issues	14,646	-	185,983	-	389,660	307,742	898,031
Other marketable securities	6,695	-	-	-	-	-	6,695
Total	21,341	-	185,983	-	389,660	307,742	904,726

Corporate bond issues

	Issuer	Thousands of euros		Year of final maturity	Issue currency	Market price (31/12/17)
		2017	2016			
2012	Obrascón Huarte Lain, S.A.	190,144	189,695	2020	Euro	101.9%
2014	Obrascón Huarte Lain, S.A.	395,126	394,127	2022	Euro	101.3%
2015	Obrascón Huarte Lain, S.A.	312,761	311,950	2023	Euro	102.8%
2013	OHL Investments, S.A. (*)	-	401,867	2018	Euro	-
2015	Organización de Proyectos de Infraestructuras, S.A.P.I., de C.V (**)	-	197,663	2035	Mexican investment units (UDIs)	-
Total		898,031	1,495,302			

(*) Redeemed in September 2017.
(**) Classified in 2017 under "Liabilities Associated with Non-Current Assets Classified as Held for Sale and Discontinued Operations" (see Note 1.3).

"Corporate Bond Issues" includes the principal and the accrued interest payable at 31 December 2017 of the three long-term bond issues carried out by the Parent in Europe.
EUR 898,031 thousand had been recognised in this connection at 31 December 2017 (31 December 2016: EUR 1,495,302 thousand).

"Debt Instruments and Other Marketable Securities" includes the principal and the accrued interest payable at 31 December 2017 of the following long-term bond issues carried out in Europe:

- Issue launched in March 2012 for an initial nominal amount of EUR 300,000 thousand, maturing in 2020.

  The annual interest rate is 7.625%, payable half-yearly.

  In November 2015 EUR 37,583 thousand of this bond issue were repurchased early and the balance at 31 December 2015 was EUR 265,463 thousand.

  In March 2016 bonds totalling EUR 32,058 thousand were redeemed early.

  In August 2016 bonds totalling EUR 13,780 thousand were redeemed early.

  In September 2016 bonds totalling EUR 9,500 thousand were repurchased.

  In October 2016 bonds totalling EUR 20,000 thousand were repurchased.

  At 31 December 2017, the balance of this issue was EUR 190,144 thousand (31 December 2016: EUR 189,919 thousand).

- Issue launched in March 2014 for an initial nominal amount of EUR 400,000 thousand, maturing in March 2022.

  The annual interest rate is 4.75%, payable half-yearly.

  In September 2016 bonds totalling EUR 5,500 thousand were repurchased.

  At 31 December 2017, the balance of this issue was EUR 395,126 thousand (31 December 2016: EUR 394,127 thousand).

- In March 2015 an issue of nonconvertible bonds maturing in March 2023 amounting to EUR 325,000 thousand was launched.

  The annual interest rate is 5.50%, payable half-yearly.

  In November 2015 bonds totalling EUR 8,137 thousand were redeemed early.

  In September 2016 bonds totalling EUR 4,000 thousand were repurchased.

  At 31 December 2017, the balance of this issue was EUR 312,761 thousand (31 December 2016: EUR 311,950 thousand).

The average interest rate on the bond issues was 5.61% in 2017 (2016: 5.79%).

In relation to these corporate bond issues, there is an obligation to achieve certain financial ratios at the end of each year, which were being achieved in full at 31 December 2017.

The bond issue contract clauses classify the sale by OHL, S.A. to IFM of all of OHL Concesiones as a change in control and, accordingly, when this transaction is completed a put event will be triggered for the bond holders, enabling them to, at their discretion, redeem the outstanding bond issues at 101% of their nominal amount. It is the Group's intention, at that point in time, to launch an offer to repurchase those issues, the terms and conditions and scope of which will be determined in due course.

Other marketable securities

The Parent has a commercial paper issue facility of up to EUR 500,000 thousand (2016: EUR 500,000 thousand), the balance of which totalled EUR 6,695 thousand at 31 December 2017 (31 December 2016: EUR 9,448 thousand). The average interest rate on the commercial paper issues was 1.62% in 2017 (2016: 1.62%).

3.18.- Other financial liabilities

Obligations under finance leases

The detail of the Group's obligations under finance leases at 31 December 2017 and 2016 is as follows:

	Thousands of euros	
	2017	2016
Under non-current liabilities	4,019	2,970
Under current liabilities	2,933	5,877
Total	6,952	8,847

The Group leases certain of its fixtures and equipment under finance leases. The average lease term is 47 months. In the year ended 31 December 2017, the average effective interest rate on the lease obligations was 2.21% (2016: 4.24%). Interest rates are set at the inception of the lease. All the lease payments are fixed in amount. The unaccrued interest on the leases amounts to EUR 191 thousand (2016: EUR 235 thousand).

Information on operating leases

Operating leases are leases in which substantially all the risks and rewards incidental to ownership are not transferred.

The Group's main operating leases relate to the lease of offices at its head office and the other operating centres of its subsidiaries.

The future non-cancellable minimum payments under leases are as follows:

	Thousands of euros
Within one year	14,828
Between one and five years	21,851
After five years	223
Total	36,902

Notable among the operating leases are those relating to the Group's head office and the offices at its other operating centres.

Derivative financial instruments

The Group uses derivative financial instruments, such as currency forwards, interest rate swaps and interest rate options in order to mitigate the economic effects of exchange rate and interest rate fluctuations to which it is exposed as a result of its business activities.

It is not permitted at the Group to arrange derivatives for speculative purposes.

No collection risks are expected to arise in relation to the amounts that the banks have undertaken to

pay to the Group in the future on the basis of the derivatives arranged, since the banks with which they were arranged are highly solvent.

The derivatives arranged by the Group are basically measured by discounting the future cash flows. Interest rate options are measured using a widely accepted pricing model (Black-Scholes). In all cases, they are measured in accordance with the contractual and market conditions prevailing at the date of measurement, including credit risk in accordance with IFRS 13.

The fair value of the derivatives is determined directly or indirectly using the information available in the various markets (foreign currency, fixed income and equity securities, interbank and other organised markets).

The inputs used to measure the derivatives arranged can be classified into three categories based on the degree to which their fair value is directly observable in the market:

Level 1: the derivatives arranged whose characteristics are identical to those of instruments listed on an active market.

Level 2: the derivatives arranged whose characteristics are not identical to those of instruments listed on an active market but whose fair value can be inferred from prices listed on one or several active markets.

Level 3: the derivatives arranged which cannot be classified in Levels 1 or 2.

All the inputs used to measure the derivatives arranged by the Group are Level 2.

The main criteria relating to derivatives are described in Note 2.6.13. Set forth below is a description of how the fair values of the derivatives arranged by the Group were accounted for at 31 December 2017 as other financial assets or liabilities and of their impact, net of taxes, on equity.

Foreign currency derivatives

The Group arranges currency forwards in order to avoid the economic impact that exchange rate fluctuations might have on payment obligations and collection rights in foreign currencies.

Following is a detail of the outstanding currency forwards at 31 December 2017, indicating, on the one hand, the nominal amounts in euros of the forwards, i.e. the amounts that the Group and the banks have agreed to exchange in euros in exchange for paying or receiving certain amounts in foreign currencies, classified by maturity, and, on the other, the fair values of the currency forwards, grouped together as other financial assets or liabilities, and their impact, net of taxes, on equity. Also indicated is the range of exchange rates and the nominal amounts in foreign currency arranged.

The detail of the currency forwards arranged at 31 December 2017 is as follows:

Thousands of euros								
	Nominal amount	Maturity		Fair values included in:			Foreign currency/ euro	Nominal amount in foreign currency
		Within three months	After three months	Other financial assets	Other financial liabilities	Impact on profit or loss	Range of exchange rates	
Derivatives not considered as hedges for accounting purposes at the Group's discretion								
Future US dollar purchases against euros	49,001	49,001	-	-	(221)	(166)	1.1952-1.1965	58,596
Future US dollar sales against euros	11,044	11,044	-	-	(48)	(36)	1.2095	13,358
Future Norwegian krone purchases against euros	2,520	2,520	-	21	-	16	9.9215	25,000,000
Future Mexican peso sales against euros	801,088	801,088	-	38,351	-	28,763	22.0525-23.1955	18,468,818
Future Peruvian sol sales against euros	416,000	416,000	-	1,411	-	1,058	3.8986-3.9315	1,631,838
Future Czech koruna purchases against euros	3,323	3,323	-	6				
Total	1,282,976	1,282,976	-	39,789	(269)	29,639		

The column "Impact on Profit or Loss" includes the gains or losses net of tax attributable to the Group and to non-controlling interests corresponding to the measurement of the foreign currency derivatives outstanding at 31 December of each year, the changes in which are recognised in the consolidated statement of profit or loss since they do not qualify for hedge accounting.

The detail of the currency forwards arranged at 31 December 2016 is as follows:

	Thousands of euros							
	Nominal amount	Maturity		Fair values included in:			Foreign currency/ euro	Nominal amount in foreign currency
		Within three months	After three months	Other financial assets	Other financial liabilities	Impact on profit or loss	Range of exchange rates	
Derivatives not considered as hedges for accounting purposes at the Group's discretion								
Future US dollar purchases against euros	18,051	18,051	-	12	(145)	(100)	1.047-1.1702	18,899
Future US dollar sales against euros	65,410	64,933	477	227	(668)	(329)	1.0446-1.127	69.505
Future Mexican peso purchases against US dollars	461	461	-	-	(5)	(4)	21.682	10,000
Future Norwegian krone purchases against euros	2,203	2,203	-	-	(2)	(1)	9.0774	20,000
Future Mexican peso sales against euros	17,089	1,094	15,995	1,450	(1)	1,013	19.7925-22.54	348,122
Future Norwegian krone sales against euros	6,775	6,775	-	65	-	49	9.0034	61,000
Future Turkish lira purchases against euros	389	389	-	-	(22)	(16)	3.5037-3.5357	1,370,846
Future Saudi riyal purchases against euros	4,962	4,962	-	93	-	70	4.0305	20,000
Total	115,340	98,868	16,472	1,847	(843)	682		

The changes in foreign currency derivatives in 2017 and 2016 were as follows:

	Thousands of euros	
	Balance sheet	Statement of profit or loss
Total - 2015	(4,414)	(4,781)
Changes in value in 2016	5,418	5,418
Fair value at 31/12/16	1,004	-
In other financial assets	1,847	-
In other financial liabilities	(843)	-
2016 derecognitions/cancellations	-	(2,720)
Total - 2016	1,004	2,698
Changes in value in 2017	39,612	39,612
Fair value at 31/12/17	39,520	-
In other financial assets	39,789	-
In other financial liabilities	(269)	-
2017 derecognitions/cancellations	-	(5,648)
Total - 2017	39,520	33,964

The impact recognised in profit or loss as a result of the recognition of foreign currency derivatives, amounting to EUR 33,964 thousand in 2017 (31 December 2016: EUR 2,698 thousand), is included under "Net Gains (Losses) on Remeasurement of Financial Instruments at Fair Value" in the consolidated statement of profit or loss, the detail being as follows:

	Thousands of euros	
	2017	2016
Changes in value	39,612	5,418
Derecognitions and cancellations	(5,648)	(2,720)
Total	33,964	2,698

Interest rate derivatives

The Group arranges interest rate swaps and interest rate options to mitigate the variability of borrowing costs.

In the financing of concession projects, the use of interest rate derivatives normally forms part of the requirements imposed by the financing banks. The purpose of these derivatives is to limit the possible impact that future changes in interest rates could have on the borrowing costs of the projects if the financing continued to bear interest at floating rates.

The following table shows in thousands of euros the notional amounts of the interest rate derivatives of the fully consolidated companies at 31 December 2017, which are the amounts on the basis of which the interest will be settled, grouped together by settlement currency and classified based on their final expiry date, together with the fair values of the derivatives, grouped together as other financial assets or other financial liabilities, and their impact, net of taxes, on equity. Also indicated is the range of interest rates.

Thousands of euros									
		Final expiry date of the derivatives				Fair values included in:			
Settlement currency	Notional amount	Within one year	One to five years	Five to ten years	After ten years	Other financial assets	Other financial liabilities	Impact on equity	Range of annual interest rates
Derivatives considered for accounting purposes to be cash flow hedges									
Euro	70,730	-	-	70,730	-	-	(1,565)	(1,127)	1.32%
Czech koruna	19,454	-	-	19,454	-	-	(414)	(335)	2.14%
Subtotal	90,184	-	-	90,184	-		(1,979)	(1,462)	

In 2017 EUR (389) thousand were recognised under "Net Gains (Losses) on Remeasurement of Financial Instruments at Fair Value" in the consolidated statement of profit or loss, with a net impact on equity of EUR (280) thousand, since one of the derivatives was considered to be ineffective.

The detail of the expiry dates of the notional amounts of the fully consolidated companies at 31 December 2017, by settlement currency, is as follows:

Settlement currency	Thousands of euros						
	2018	2019	2020	2021	2022	Subsequent years	Total
Euro	-	1,197	1,494	1,701	1,893	64,445	70,730
Czech koruna	2,460	2,683	2,683	2,683	2,683	6,262	19,454
Total	2,460	3,880	4,177	4,384	4,576	70,707	90,184

Following is a detail of the years in which the derivatives considered for accounting purposes to be cash flow hedges are expected to affect the profit or loss for the year.

Settlement currency	Thousands of euros			
	Within one year	One to five years	After five years	Total
Euro	(1,193)	(2,500)	2,846	(847)
Czech koruna	(164)	(159)	(12)	(335)
Total	(1,357)	(2,659)	2,834	(1,182)

The detail of the interest rate derivatives of the fully consolidated companies arranged at 31 December 2016 is as follows:

Settlement currency	Thousands of euros								
	Notional amount	Final expiry date of the derivatives				Fair values included in		Impact on equity	Range of annual interest rates
		Within one year	One to five years	Five to ten years	After ten years	Other financial assets	Other financial liabilities		
Derivatives considered for accounting purposes to be cash flow hedges									
Euro	285,480	-	80,606	141,860	63,014	-	(45,014)	(33,928)	0.339-6.2 %
Mexican peso	396,527	-	47,246	349,281	-	14,629	-	10,240	4.45-11.75 %
Chilean peso	5,220	5,220	-	-	-	-	(335)	(255)	5.45%
US dollar	52,755	-	-	52,755	-	-	(3,659)	(2,580)	2.47-3.865 %
Czech koruna	20,920	-	-	20,920	-	-	(1,400)	(1,134)	2.14%
Subtotal	760,902	5,220	127,852	564,816	63,014	14,629	(50,408)	(27,657)	
Derivatives not qualifying for hedge accounting									
Mexican peso	47,246	-	47,246	-	-	841	-	(500)	9.00%
Subtotal	47,246	-	47,246	-	-	841	-	(500)	
Total	808,148	5,220	175,098	564,816	63,014	15,470	(50,408)	(28,157)	

The column "Impact on Equity" shows the valuation of the derivatives of the fully consolidated companies outstanding at 31 December 2017 and 2016. This column shows the gains or losses and valuation adjustments attributable to the OHL Group and the impact on non-controlling interests.

In addition, at 31 December 2017 there were interest rate derivatives the value of which is recognised under "Non-Current Assets Classified as Held for Sale" for EUR 14,538 thousand and under "Liabilities Associated with Non-Current Assets Classified as Held for Sale" for EUR (21,249) thousand, and whose impact on equity at 31 December 2017 was EUR (6,949) thousand (see Note 3.8.).

In the case of interest rate derivatives arranged by companies in which the Group holds ownership interests of 50% or less, the amount recognised under "Investments Accounted for Using the Equity Method" in the consolidated balance sheet and the impact on equity at 31 December 2017 amounted to EUR (8,950) thousand (31 December 2016: EUR (11,635) thousand). The negative impact on equity is limited, in the case of the investees less than 50% owned by the Group, to the value of the Group's ownership interest.

The following table summarises the impact on equity arising from the changes in the interest rate derivatives of the fully consolidated companies:

	Thousands of euros
Accumulated impact on equity at 1 January 2016	(116,990)
Income and expense recognised directly in equity in 2016	40,108
Transfers to the consolidated statement of profit or loss in 2016	26,314
Accumulated impact on equity at 31 December 2016	(50,568)
Income and expense recognised directly in equity in 2017	7,821
Transfers to the consolidated statement of profit or loss in 2017	14,070
Accumulated impact on equity at 31 December 2017	(28,677)

The impact on the profit or loss attributable to the Parent in the consolidated statement of profit or loss relates mainly to the amounts transferred from equity, since all the interest rate derivatives (except for the interest rate options) were accounted for as cash flow hedges and, consequently, the related changes in value are recognised in equity under "Valuation Adjustments".

The impact of the interest rate options that do not qualify for hedge accounting on the profit or loss attributable to the Parent in the consolidated statement of profit or loss is direct and does not need to be recognised first under "Valuation Adjustments" in the consolidated balance sheet.

At 31 December 2017, the impact recognised in the consolidated statement of profit or loss as a result of the recognition of the interest rate options, for a gross amount of EUR (561) thousand (2016: EUR 570 thousand), was included under "Profit for the Year from Discontinued Operations, Net of Taxes".

The breakdown of "Net Gains (Losses) on Remeasurement of Financial Instruments at Fair Value" in the case of the interest rate derivatives of the fully consolidated companies is as follows:

	Thousands of euros
Changes in value in 2016	-
Derecognitions and cancellations in 2016	(5,795)
Total - 2016	(5,795)
Changes in value in 2017	-
Derecognitions and cancellations in 2017	(389)
Total - 2017	(389)

Sensitivity analysis

A sensitivity analysis involves the measurement of the effect that interest rates, exchange rates and/or share prices other than those existing on the market at the measurement date would have had.

The sensitivity analysis of exchange rates focused on the foreign currency derivatives of the fully consolidated companies outstanding at the date of the analysis, simulating a 10% increase in the value of the foreign currencies vis-à-vis the euro with respect to the rates in force at 31 December 2017 and 2016. The result of this analysis is as follows:

	Thousands of euros			
	2017		2016	
	Fair value	Impact on equity	Fair value	Impact on equity
Mexican peso	106,354	74,448	2,796	1,957
US dollar	(4,651)	(3,255)	3,782	2,647
Peruvian sol	38,715	29,423	-	-
Norwegian krone	(210)	(147)	473	355
Saudi riyal	-	-	(367)	(275)
Turkish lira	-	-	(64)	(48)
Total	140,208	100,469	6,620	4,636

If the sensitivity analysis were performed simulating a 10% decrease in the value of the foreign currencies vis-à-vis the euro with respect to the rates in force at 31 December 2017 and 2016, the impact would be as follows:

	Thousands of euros			
	2017		2016	
	Fair value	Impact on equity	Fair value	Impact on equity
Mexican peso	(43,879)	(30,715)	(206)	(144)
US dollar	5,194	3,636	(5,897)	(4,128)
Peruvian sol	(43,790)	(33,280)	-	-
Norwegian krone	303	212	(437)	(328)
Saudi riyal	-	-	654	491
Turkish lira	-	-	21	16
Total	(82,172)	(60,147)	(5,865)	(4,093)

The table below shows the difference in the fair value of the interest rate derivatives and equity of the fully consolidated companies with respect to the data presented had interest rates been 0.20% higher or lower than those prevailing in the market at 31 December 2017 and 2016.

	Thousands of euros			
	2017		2016	
	Fair value	Impact on equity	Fair value	Impact on equity
Euro	1,295	933	1,411	1,016
Czech koruna	151	122	195	158
Total	1,446	1,055	1,606	1,174

3.19.- Provisions

Long-term provisions

The changes in "Long-Term Provisions" in 2017 were as follows:

	Balance at 31 December 2016	Charge for the year	Amounts used	Exchange differences and interest cost	Transfers (*)	Balance at 31 December 2017
Provisions for the major maintenance, retirement or refurbishment of non-current assets	121,495	31,645	(18,172)	(4,131)	(130,837)	-
Provisions for taxes	9,312	351	-	-	-	9,663
Provisions for litigation and third-party liability	63,888	6,632	(29,341)	(965)	-	40,214
Other provisions	4,657	1,542	(2,517)	(210)	(3,227)	245
Total	199,352	40,170	(50,030)	(5,306)	(134,064)	50,122

(*) The transfers relate to long-term provisions of the companies in the discontinued Concessions business line

The provisions for the major maintenance, retirement or refurbishment of non-current assets correspond to the concession operators and, in accordance with IFRIC 12, they cover contractual obligations to restore the infrastructure to a specified level of serviceability, pursuant to the terms and conditions of the licences or services, before it is handed over to the grantor in a specified condition at the end of the service arrangement. Accordingly, provisions are set up for major maintenance work on the stretches of road, based on the estimates of the cost thereof, on a straight-line basis from when the last maintenance work was carried out. These provisions were transferred to "Liabilities Associated with Assets Classified as Held for Sale" since they corresponded in full to companies in the discontinued Concessions business line (see Note 1.3).

The provisions for litigation and third-party liability arise due to the obligations of an indeterminate amount, in respect of lawsuits and/or arbitral proceedings in progress and indemnity payments.

The detail of the projected schedule of the outflows of economic benefits relating to the long-term provisions at 31 December 2017 is as follows:

	Thousands of euros					
	2019	2020	2021	2022	Subsequent years	Total
Provisions for taxes	8,063	1,600	-	-	-	9,663
Provisions for litigation and third-party liability	22,316	3,740	1,305	3,166	9,687	40,214
Other provisions	245	-	-	-	-	245
Total	30,624	5,340	1,305	3,166	9,687	50,122

Both the provisions and the schedule are reviewed at the end of each reporting period, as required by IAS 37.59, with particular attention paid to the provisions for litigation and third-party liability in relation to which both the related risks and uncertainties are analysed.

Short-term provisions

The detail of "Short-Term Provisions" at 31 December 2017 is as follows:

	Thousands of euros						
	Balance at 31 December 2016	Additions and disposals due to changes in the scope of consolidation and reclassifications	Charge for the year	Amounts used	Exchange differences and interest cost	Transfers to liabilities associated with non-current assets classified as held for sale	Balance at 31 December 2017
Provisions for the major maintenance, retirement or refurbishment of non-current assets	3,345	-	3,311	(2,827)	(2)	(3,827)	-
Provisions for project completion	57,116	- -	33,470	(32,965)	(41)	(3,131)	54,449
Provisions for management and other fees	54,041		4,514	(2,705)	(5,226)	-	50,624
Provisions for other transactions	183,728	(34,084)	101,717	(117,276)	(3,257)	(10,527)	120,301
Total	298,230	(34,084)	143,012	(155,773)	(8,526)	(17,485)	225,374

"Provisions for Other Transactions", which correspond primarily to the Group's construction companies, includes deferrals of expenses and costs and losses on construction projects. These amounts considered individually are of scant significance and correspond to numerous contracts.

3.20.- Other liabilities

The detail of "Other Non-Current Liabilities" and "Other Current Liabilities" in the consolidated balance sheets as at 31 December 2017 and 2016 is as follows:

	Thousands of euros			
	2017		2016	
	Non-current	Current	Non-current	Current
Payable to associates	-	88,998	-	97,511
Remuneration payable	-	30,283	-	25,940
Tax payables (Note 3.21.)	-	88,762	-	137,106
Other non-trade payables	15,853	22,717	165,905	101,841
Guarantees and deposits received	14	2,610	8	1,489
Other	-	321	-	3,746
Total	15,867	233,691	165,913	367,633

The detail of "Other Non-Trade Payables" at 31 December 2017 and 2016 is as follows:

	Thousands of euros			
	2017		2016	
	Non-current	Current	Non-current	Current
Payable for property, plant and equipment purchases	4,752	8,826	24,831	17,160
Payable for financial instrument purchases	1,500	-	8,677	64,000
Other	9,601	13,891	132,397	20,681
Total	15,853	22,717	165,905	101,841

The main change in the current payables for financial instrument purchases relates to the transfer to "Liabilities Associated with Non-Current Assets Classified as Held for Sale" of the balances relating to the companies in the discontinued Concessions business line.

3.21.- Tax matters

Consolidated tax group

The Group files consolidated tax returns in both Spain and the US for all the companies that meet the related requirements. All the other companies file individual tax returns.

Accounting for taxes

The income tax expense of the consolidated Group is obtained by aggregating the income tax expense of the consolidated tax groups and of the companies that file individual income tax returns.

The tax bases are calculated on the basis of the profit or loss for the year adjusted by temporary differences, permanent differences and prior years' tax losses.

The tax effect of temporary differences between transactions recognised in the accounting records and reported in the income tax return using different criteria gives rise to deferred tax assets and liabilities that will be recoverable or payable in the future.

Tax losses, if recognised, also give rise to deferred tax assets that will reduce the expense for subsequent years.

Deferred tax assets and liabilities are measured at the tax rates that are expected to apply in the period when the assets are realised or the liabilities are settled.

Deferred tax assets are only recognised when there are no doubts that there will be sufficient taxable profits in the future against which to charge these temporary differences.

When the closing is performed for tax purposes each year, the deferred tax balances are reviewed in order to ascertain whether they still exist and the appropriate adjustments are made so as to adapt the balances to the new situation.

Reconciliation of the accounting loss to the tax loss

The reconciliation of the consolidated accounting loss for the year to the tax loss for income tax purposes is as follows:

	Thousands of euros	
	2017	2016
Consolidated loss for the year from continuing operations before tax	**(224,815)**	**(889,669)**
Profit for the year from discontinued operations	693,863	811,381
Permanent differences	169,687	(313,915)
Temporary differences	(697,534)	(584,152)
Offset of prior years' tax losses	(211,668)	(44,347)
Tax loss	(270,467)	(1,020,702)

The reconciliation of the accounting loss from continuing operations to the income tax benefit for 2017 is as follows:

	2017
Consolidated loss for the year from continuing operations before tax	**(224,815)**
Result of companies accounted for using the equity method, net of tax	45,452
Other permanent differences	5,095
Unrecognised tax losses offset in the year	(5,565)
Tax losses not recognised in the year as tax assets	180,774
Base for calculating period income tax expense	**941**
Current income tax benefit	(1,066)
Tax credits and tax relief	-
Prior years' adjustments and other adjustments	(6,222)
Income tax benefit relating to continuing operations	(7,288)

The permanent differences relate mainly to the result of companies accounted for using the equity method -EUR 45,452 thousand- and the remainder -EUR 5,095 thousand- relate to:

- Expenses not considered to be deductible for tax purposes such as fines and donations or finance costs exceeding 30% of profit from operations.

- Profits or losses obtained abroad by branches and unincorporated temporary joint ventures (UTEs).
- The recognition and use of provisions.
- Tax withholdings paid abroad.
- The elimination of dividends and impairment losses on investments.

Income tax and tax rate

Income tax is calculated using the tax rates in force in each country in which the Group operates: The main rates are:

Country	2017	2016
Spain	25.0%	25.0%
Saudi Arabia	20.0%	20.0%
Australia	30.0%	30.0%
Algeria	23.0%	23.0%
Argentina	35.0%	35.0%
Bulgaria	10.0%	10.0%
Canada	26.5%	26.5%
Chile	25.5%	24.0%
Colombia	34.0%	34.0%
US	38.6%	38.6%
Jordan	14.0%	14.0%
Kuwait	15.0%	15.0%
Mexico	30.0%	30.0%
Peru	29.5%	28.0%
Poland	19.0%	19.0%
Qatar	10.0%	10.0%
Czech Republic	19.0%	19.0%
Slovakia	21.0%	22.0%
Turkey	20.0%	20.0%
Vietnam	20.0%	20.0%

The income tax benefit of EUR 7,288 thousand comprises:

- EUR 14,884 thousand relating to the tax income recognised by the companies forming part of the Spanish tax group; the amount recognised in 2017 includes the amount corresponding to their branches abroad.
- EUR (37,351) thousand relating to the expense recognised by the Spanish and foreign companies that do not form part of the Spanish tax group.
- EUR 29,755 thousand relating to the income arising from consolidation adjustments, due mainly to the sale of investments without the loss of control.

In addition to the income tax benefit for 2017, EUR (2,240) thousand were recognised directly in equity, relating to the change in value of derivative financial instruments.

Deferred taxes and tax losses

The changes in deferred tax assets were as follows:

	Thousands of euros
Balance at 1 January 2016	624,062
Increases	83,503
Decreases	(52,490)
Transfers (*)	(32,961)
Balance at 31 December 2016	622,114
Increases	36,275
Decreases	(74,470)
Transfers (*)	(318,863)
Balance at 31 December 2017	265,056

(*) Corresponds to transfers to "Non-Current Assets Classified as Held for Sale and Discontinued Operations"

The detail of the changes in deferred tax assets is as follows:

	Thousands of euros 2017						
	Balance at 31/12/16	Changes in the scope of consolidation	Charge/credit to profit or loss	Charge/credit to equity	Exchange rate effect	Transfers and other	Balance at 31/12/17
				Hedging instruments			
Tax assets	**403,822**	**(2,896)**	**6,375**	**-**	**(31,870)**	**(239,462)**	**135,969**
Tax loss carryforwards	400,527	(2,896)	6,375	-	(31,870)	(239,462)	132,674
Tax credits	3,295	-	-	-	-	-	3,295
Temporary differences	**218,292**	**(8,135)**	**18,377**	**(2,347)**	**(8,383)**	**(88,717)**	**129,087**
Total deferred tax assets	622,114	(11,031)	24,752	(2,347)	(40,253)	(328,179)	265,056

	Thousands of euros 2016						
	Balance at 31/12/15	Changes in the scope of consolidation	Charge/credit to profit or loss	Charge/credit to equity	Exchange rate effect	Transfers and other	Balance at 31/12/16
				Hedging instruments			
Tax assets	**396,224**	**9,041**	**56,240**	**-**	**(31,906)**	**(25,777)**	**403,822**
Tax loss carryforwards	393,574	9,041	55,595	-	(31,906)	(25,777)	400,527
Tax credits	2,650	-	645	-	-	-	3,295
Temporary differences	**227,838**	**319**	**21,952**	**(14,932)**	**(9,701)**	**(7,184)**	**218,292**
Total deferred tax assets	624,062	9,360	78,192	(14,932)	(41,607)	(32,961)	622,114

The deductible temporary differences recognised at 2017 year-end, amounting to EUR 129,087 thousand, are due mainly to:

- The recognition and use of provisions, amounting to EUR 35,236 thousand.
- The difference in the timing of recognition of revenue relating to customer advances, amounting to EUR 23,348 thousand.

- The difference in the timing of recognition of construction costs, amounting to EUR 27,201 thousand.

In 2017 the Parent evaluated the recoverability of the deferred tax assets recognised within the Spanish tax group. In particular, the key hypotheses used for testing the recoverability of the tax assets assume the generation of margins in accordance with the current situation of the industry in Spain, in a financing environment similar to that currently prevailing. Based on the foregoing, no risk of recoverability of the Spanish tax group's tax assets was identified.

Also, for the other deferred tax assets a recoverability analysis was conducted based on the maintenance of the current key assumptions of the businesses, and no risk of recoverability within the expiry periods was identified.

The changes in deferred tax liabilities in 2017 and 2016 were as follows:

	Thousands of euros
Balance at 1 January 2016	1,211,376
Increases	83,137
Decreases	(39,261)
Transfers (*)	(8,918)
Balance at 31 December 2016	1,246,334
Increases	173,137
Decreases	(98,409)
Transfers (*)	(1,181,569)
Balance at 31 December 2017	139,493

(*) Corresponds to transfers to "Liabilities Associated with Non-Current Assets Classified as Held for Sale and Discontinued Operations"

The detail of the changes in deferred tax liabilities is as follows:

	Thousands of euros						
	2017						
	Balance at 31/12/16	Changes in the scope of consolidation	Charge/credit to equity Hedging instruments	Charge/credit to profit or loss	Exchange rate effect	Transfers and other	Balance at 31/12/17
Temporary differences	1,246,334	(14)	(107)	180,013	(101,423)	(1,185,310)	139,493
Total deferred tax liabilities	1,246,334	(14)	(107)	180,013	(101,423)	(1,185,310)	139,493

	Thousands of euros						
	2016						
	Balance at 31/12/15	Changes in the scope of consolidation	Charge/credit to equity Hedging instruments	Charge/credit to profit or loss	Exchange rate effect	Transfers and other	Balance at 31/12/16
Temporary differences	1,211,376	7,656	-	166,177	(129,957)	(8,918)	1,246,334
Total deferred tax liabilities	1,211,376	7,656	-	166,177	(129,957)	(8,918)	1,246,334

The taxable temporary differences recognised at 2017 year-end, amounting to EUR 139,493 thousand, relate mainly to:

- The adjustments made on consolidation of the financial statements, including most notably the allocations made to the assets and liabilities of the acquirees, increasing the value of the acquired assets by EUR 49,404 thousand on performance of the business combinations.
- The recognition and use of provisions, amounting to EUR 5,448 thousand.
- The difference in the timing of the depreciation and amortisation of non-current assets, amounting to EUR 15,667 thousand.
- The difference in the timing of recognition of revenue relating to "Trade Receivables for Amounts to be Billed for Work Performed", amounting to EUR 29,070 thousand.

The change in the US tax rate planned for 2018 did not have a significant effect on deferred taxes at 31 December 2017.

The Group companies' tax losses available for offset in future tax returns amount to EUR 1,580,438 thousand, the detail of which, by last year for offset, is as follows:

Year	Thousands of euros
2018	17,756
2019	19,847
2020	28,903
2021	51,942
2022	54,157
2023	38,743
2024	7,112
2025	16,076
2026	13,885
2027	308,486
2028	462
2029	-
2030	919
2031	901
2032	52
Unlimited	1,021,098
Total	1,580,438

In addition to these tax losses, at 31 December 2017 there were EUR 1,267,242 thousand of tax losses relating to companies belonging to the discontinued operations of the Concessions business line.

The Group companies have unused double taxation tax credits amounting to EUR 8,649 thousand, and tax credits for investment (reinvestment, R&D+i and other) amounting to EUR 26,550 thousand.

In addition to these tax credits, at 31 December 2017 there were EUR 23,141 thousand of tax credits relating to companies belonging to the discontinued operations of the Concessions business line.

Years open for review by the tax authorities

In general, the Group companies have all the tax returns filed in recent years for the taxes applicable to them open for review by the tax authorities.

On 5 July 2016, the Spanish tax authorities commenced general tax audits for 2011 to 2013 at the Parent and at OHL Concesiones, S.A. Since then these companies have furnished all the information

requested of them, but no proposed regularisation had been formalised at the end of the year.

These audits are at a very preliminary stage, and all the required documentation has been produced.

Both the aforementioned audits and the tax audits of the years open for review that might be conducted by the tax authorities could give rise to certain contingent tax liabilities that cannot be objectively quantified. However, the Parent's directors consider that those liabilities would not be material.

Tax receivables and payables

The detail of "Tax Receivables" and "Tax Payables" at 31 December 2017 and 2016 is as follows:

	Thousands of euros			
	Current assets		Current liabilities	
	2017	2016	2017	2016
VAT	64,277	160,909	36,288	78,179
Other taxes	24,687	42,598	41,175	46,674
Social security taxes	686	859	11,299	12,253
Total	89,650	204,366	88,762	137,106

3.22.- Income and expenses

Revenue

The Group's revenue in 2017 amounted to EUR 3,216,351 thousand (2016: EUR 3,342,369 thousand). The detail, by business activity, geographical market and type of customer, is as follows:

Business activity	Thousands of euros		
	2017	2016	% change
Engineering and Construction	3,168,168	3,211,610	-1.4
Construction	2,660,695	2,773,571	-4.1
Industrial	269,788	243,629	10.7
Services	237,685	194,410	22.3
Development	48,183	130,759	-63.2
Total revenue	3,216,351	3,342,369	-3.8

Business activity, geographical market and customer	Thousands of euros 2017					
	Spain		Abroad		Total	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
Engineering and Construction	418,452	306,796	1,916,118	526,802	2,334,570	833,598
Construction	217,365	182,217	1,890,117	370,998	2,107,482	553,213
Industrial	1,058	89,656	25,314	153,560	26,372	243,416
Services	200,029	34,723	687	2,246	200,716	36,969
Development	-	3,946	-	44,237	-	48,183
Total revenue	418,452	310,742	1,916,118	571,039	2,334,570	881,781

Business activity, geographical market and customer	Thousands of euros 2016					
	Spain		Abroad		Total	
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector
Engineering and Construction	386,656	323,621	2,081,229	420,104	2,467,885	743,725
Construction	223,088	229,835	1,988,647	332,001	2,211,735	561,836
Industrial	1,312	61,963	92,493	87,861	93,805	149,824
Services	162,256	31,823	89	242	162,345	32,065
Development	-	3,781	-	126,978	-	130,759
Total revenue	386,656	327,402	2,081,229	547,082	2,467,885	874,484

Geographical market	Thousands of euros	
	2017	2016
US and Canada	1,116,528	1,304,156
Mexico	266,175	422,059
Chile	149,776	132,388
Peru	113,833	66,852
Colombia	93,786	83,189
Spain	729,193	720,795
Central and Eastern Europe	270,212	283,286
Other countries	476,847	349,644
Total revenue	3,216,351	3,342,369

Staff costs

The staff costs in 2017 amounted to EUR 839,321 thousand (2016: EUR 854,777 thousand).

"Staff Costs" includes EUR 32,172 thousand that correspond to the collective redundancy procedure, which gave rise to the termination of 381 job positions (see Note 2.6.21) at 31 December 2017. The collective redundancy procedure of OHL Industrial, S.L., which expires on 31 December 2018, has yet to be concluded.

Other operating expenses

The detail of "Other Operating Expenses" in the consolidated statement of profit or loss is as follows:

	Thousands of euros	
	2017	2016
Outside services	376,965	304,251
Taxes other than income tax	18,799	25,531
Other current operating expenses	86,397	315,531
Total	482,161	645,313

Finance income

The detail of "Finance Income" in the consolidated statement of profit or loss is as follows:

	Thousands of euros	
	2017	2016
Interest income from other companies	35,527	24,705
Income from equity investments	4	4
Total	35,531	24,709

Finance costs

The detail of "Finance Costs" in the consolidated statement of profit or loss is as follows:

	Thousands of euros	
	2017	2016
On the financing of current transactions	86,317	92,471
On finance leases and deferred price non-current asset purchases	135	601
Total	86,452	93,072

Main disposals of investments in companies

The most significant disposals of ownership interests in companies in 2017 were:

- The sale of 17.5% of Centro Canalejas Madrid, S.A. on 7 April 2017.
- The sale of 51% of the Mayakoba hotel companies and golf course on 24 April 2017 and the sale of a further 29% of two of the hotel companies (Fairmont and Rosewood) on 18 May 2017.

The following table details the amount recognised in each of the relevant headings in the consolidated statement of profit or loss as a result of these transactions in 2017.

	Centro Canalejas Madrid, S.A.	Mayakoba hotel companies and golf course	TOTAL
Sale price	78,750	186,973	265,723
Impact on profit or loss			
Exchange differences	-	38,255	38,255
Net gains (losses) on remeasurement of financial instruments at fair value	(1,799)	776	(1,023)
Result of companies accounted for using the equity method (remeasured)	-	(11,627)	(11,627)
Impairment and gains or losses on disposals of financial instruments	33,429	(24,660)	8,769
Total impact on profit or loss	31,630	2,744	34,374

The following table details the amount recognised in each of the relevant headings in the consolidated statement of profit or loss as a result of the main transactions in 2016.

	Construction concession operators	TOTAL
Sale price	142,000	142,000
Impact on profit or loss		
Net losses on remeasurement of financial instruments at fair value	(77,930)	(77,930)
Impairment and gains or losses on disposals of financial instruments	90,912	90,912
Total impact on profit or loss	12,982	12,982

Net gains (losses) on remeasurement of financial instruments at fair value

The detail of "Net Gains (Losses) on Remeasurement of Financial Instruments at Fair Value" in the consolidated statement of profit or loss is as follows:

	Thousands of euros	
	2017	2016
Sale of hotel companies and golf course in Mayakoba	776	-
Sale of Centro Canalejas Madrid, S.A.	(1,799)	-
Interest rate derivatives	(389)	(5,795)
Treasury share derivatives	-	1,295
Derivatives associated with construction concession operators sold and previously accounted for using the equity method	-	(72,135)
Foreign currency derivatives	33,964	2,698
Total	32,552	(73,937)

Impairment and gains or losses on disposals of financial instruments

The detail of "Impairment and Gains or Losses on Disposals of Financial Instruments" in the consolidated statement of profit or loss is as follows:

	Thousands of euros	
	2017	2016
Sale of hotel companies and golf course in Mayakoba	(24,660)	-
Sale of Centro Canalejas Madrid, S.A.	33,429	-
Impairment of Banco Popular, S.A. shares	(9,999)	-
Sale of the construction concession operators	-	90,911
Other	(247)	8,204
Total	(1,477)	99,115

Transactions and balances in currencies other than the euro

The detail of the transactions performed by the Group companies in 2017 in currencies other than the euro, by currency and for the main operating income and expense items, translated to euros at the average exchange rates, is as follows:

	Thousands of euros			
Currency	Sales	Other income	Procurements	Other operating expenses
Czech koruna	177,117	417	170,256	20,542
Algerian dinar	21,510	788	6,486	7,268
Kuwaiti dinar	22,230	387	-	7,325
Canadian dollar	9,315	662	-	8,017
US dollar	1,283,205	15,889	927,532	93,572
Chilean peso	149,165	6,902	101,106	31,985
Colombian peso	89,727	3,407	56,496	16,280
Mexican peso	185,871	52,021	128,219	55,322
Saudi riyal	40,882	10,228	24,942	34,916
Qatari riyal	-	-	-	4,051
Peruvian sol	43,772	1,518	20,262	12,468
Polish zloty	13,545	937	3,705	1,345
Other currencies	189,245	5,709	201,115	26,338
Total	2,225,564	98,863	1,640,119	319,429

The detail of the balances receivable in currencies other than the euro at 31 December 2017 and 2016, by currency and for the main asset items in the consolidated balance sheets, translated to euros at the year-end exchange rates, is as follows:

Currency	Thousands of euros 2017		
	Non-current financial assets	Current financial assets	Trade and other receivables
Czech koruna	1,738	-	52,522
Algerian dinar	-	-	70,987
Kuwaiti dinar	70	-	35,187
Canadian dollar	321,334	99	12,822
US dollar	5,434	39,005	367,542
Chilean peso	54,498	-	120,452
Colombian peso	-	2	15,605
Mexican peso	25,186	-	118,085
Saudi riyal	2,211	33,352	80,138
Qatari riyal	100,038	-	360,570
Peruvian sol	-	13	25,680
Polish zloty	-	-	2,149
Other currencies	1,449	160	72,953
Total	511,958	72,631	1,334,692

Currency	Thousands of euros 2016		
	Non-current financial assets	Current financial assets	Trade and other receivables
Czech koruna	9,641	-	36,373
Algerian dinar	-	-	51,460
Kuwaiti dinar	-	-	45,642
Canadian dollar	30,170	105	20,649
US dollar	1,861	44,502	382,315
Chilean peso	21,701	5,808	137,504
Colombian peso	51,229	1	18,234
Mexican peso	5,190,680	180,892	187,922
Saudi riyal	2,686	26,825	107,518
Qatari riyal	137,365	-	483,833
Peruvian sol	96	13,379	44,915
Polish zloty	-	-	4,155
Other currencies	182	816	70,763
Total	5,445,611	272,328	1,591,283

The detail of the balances payable in currencies other than the euro at 31 December 2017 and 2016, by currency and for the main liability items in the consolidated balance sheets, translated to euros at the year-end exchange rates, is as follows:

Currency	Thousands of euros 2017				
	Bank borrowings	Debt instruments and other marketable securities	Other financial liabilities	Trade and other payables	Other current and non-current liabilities
Czech koruna	783	-	1,256	33,328	11,200
Algerian dinar	-	-	-	12,481	8,186
Kuwaiti dinar	-	-	-	73,408	-
Canadian dollar	-	-	-	6,131	870
US dollar	2,512	-	-	404,143	32,633
Chilean peso	55,140	-	1,574	83,503	5,160
Colombian peso	-	-	-	58,407	964
Mexican peso	5,107	-	-	90,079	15,682
Saudi riyal	-	-	-	36,040	1,430
Qatari riyal	-	-	-	51,629	28
Peruvian sol	-	-	-	29,708	2,141
Polish zloty	-	-	-	2,021	43
Other currencies	1	-	-	97,062	24,050
Total	63,543	-	2,830	977,940	102,387

Currency	Thousands of euros 2016				
	Bank borrowings	Debt instruments and other marketable securities	Other financial liabilities	Trade and other payables	Other current and non-current liabilities
Czech koruna	5,551	-	2,645	40,345	14,630
Algerian dinar	-	-	-	15,841	5,148
Kuwaiti dinar	-	-	-	91,042	-
Canadian dollar	-	-	-	7,791	160
US dollar	118,404	-	120	469,995	29,839
Chilean peso	59,290	-	4,653	73,411	26,748
Colombian peso	37,920	-	-	65,124	4,034
Mexican peso	798,396	744,294	-	193,804	102,965
Saudi riyal	-	-	-	41,593	1,858
Qatari riyal	18,293	-	-	65,616	390
Peruvian sol	2,205	-	3,659	51,567	1,623
Polish zloty	-	-	4	5,286	128
Other currencies	-	-	-	137,275	5,449
Total	1,040,060	744,294	11,081	1,258,690	192,972

Consolidated loss attributable to the Parent

The detail of the contribution of each subsidiary to the consolidated loss attributable to the Parent for 2017 and 2016 is as follows:

Companies	Thousands of euros	
	2017	2016
Obrascón Huarte Lain, S.A.	(127,918)	(497,740)
Abertis Infraestructuras, S.A.	-	47,187
Autopista Urbana Norte, S.A. de C.V.	84,604	58,487
Cercanías Móstoles Navalcarnero, S.A.	-	(34,240)
Concesionaria Mexiquense, S.A. de C.V.	112,049	96,645
Controladora Vía Rápida Poetas, S.A.P.I. de C.V.	24,748	18,253
Health Montreal Collective CJV, L.P.	(2,481)	(149,383)
Metro Ligero Oeste, S.A.	-	49,568
Obrascón Huarte Lain Construcción Internacional, S.L.	(14,500)	(12,940)
Obrascón Huarte Lain, Desarrollos, S.L.	(20,762)	(11,562)
OHL Arabia, LLC	(8,261)	(9,178)
OHL Concesiones, S.A.	(30,498)	(85,578)
OHL Construction Canada and FCC Canada Limited Partnership	(26,741)	(1,780)
OHL Construction Canada, Inc.	(28,998)	(8,069)
OHL Emisiones, S.A.U.	(18,537)	274,385
OHL Industrial, S.L.	(29,475)	(50,253)
OHL USA, Inc.	(6,879)	(66,864)
OHL ZS, a.s.	(17,692)	(43,527)
OHLDM, S.A. de C.V.	41,390	-
Viaducto Bicentenario, S.A. de C.V.	54,878	38,320
Other	2,997	(42,069)
Total	(12,076)	(432,338)

3.23.- Consolidated statement of cash flows

The consolidated statement of cash flows was prepared in accordance with IAS 7.

One of the most noteworthy aspects is that it is unaffected by changes in the exchange rates against the euro of the currencies with which the Group operates.

Also, the pertinent classifications have been made in order to properly show the changes due to inclusions in and exclusions from the scope of consolidation.

The following aspects are worthy of mention in relation to each of the main sections of the consolidated statement of cash flows:

Cash flows from operating activities

"Cash Flows from Operating Activities" amounted to EUR (158,343) thousand in 2017, and it should be noted that:

The consolidated loss before tax for 2017 amounted to EUR (224,815) thousand.

The detail of "Other Adjustments to Loss" is as follows:

	Thousands of euros	
	2017	2016
Changes in provisions and allowances	2,803	29,436
Financial loss	46,626	34,757
Result of companies accounted for using the equity method	45,452	148,885
Total	94,881	213,088

The changes in working capital amounting to EUR (185,851) thousand relate mainly to the changes in "Trade and Other Payables".

Cash flows from investing activities

"Cash Flows from Investing Activities" amounted to EUR 41,519 thousand in 2017.

Payments due to investment amounted to EUR (189,787) thousand.

Notable among the proceeds from disposal, which amounted to EUR 279,379 thousand, are those from the partial sale of the hotel companies and golf course in Mayakoba.

Cash flows from financing activities

"Cash Flows from Financing Activities", amounting to EUR (58,464) thousand in 2017, include most notably:

Following the aforementioned transactions, and taking into consideration the impact of exchange rates, cash and cash equivalents at the end of the year amounted to EUR 434,210 thousand.

4.- OTHER DISCLOSURES

4.1.- Segment reporting

An operating segment is defined in the relevant IFRS as one having a segment manager who is directly accountable to and maintains regular contact with the chief operating decision maker to discuss operating activities, financial results, forecasts, or plans for the segment. The IFRS also states that if those characteristics apply to more than one set of components of an organisation but there is only one set for which segment managers are held responsible, that set of components constitutes the operating segments.

The Group considers that the segmentation that best represents it is that based on the various business areas in which it operates, the detail being as follows:

- Concessions (discontinued operation (see Note 1.3.))
- Engineering and Construction
  Construction
  Industrial
  Services
- Development

Basic information about these segments in 2017 and 2016 is presented below.

	Thousands of euros 2017						
	Concessions	Engineering and Construction				Development	Total Group
		Construction	Industrial	Services	Total Engineering and Construction		
Revenue	-	2,660,695	269,788	237,685	3,168,168	48,183	3,216,351
Inter-segment revenue	-	85,157	2,682	-	87,839	-	87,839
EBITDA	-	54,896	(40,530)	3,644	18,010	1,980	(56,539)
As a percentage of revenue	-	1.1%	-15.0%	1.5%	0.6%	4.1%	-1.8%
Depreciation and amortisation charge	-	(65,767)	(4,062)	(2,742)	(72,571)	(3,627)	(76,198)
EBIT	-	(10,871)	(44,592)	902	(54,561)	(1,647)	(132,737)
As a percentage of revenue	-	-0.4%	-16.5%	0.4%	-1.7%	-3.4%	-4.1%
Concession infrastructure	-	66,294	-	-	66,773	-	66,773
Current assets	-	2,252,143	286,227	78,715	2,416,881	51,387	10,543,232
Current liabilities	-	2,646,722	342,856	74,159	2,853,292	239,152	6,901,135
Total assets	-	3,093,694	323,026	89,673	3,442,845	454,461	12,208,485
Total liabilities	-	2,828,671	350,700	77,312	3,941,807	274,759	8,025,257
Cash flows from operating activities (*)	-	(11,341)	(104,752)	8,479	(217,951)	(10,359)	(228,310)
Changes in net borrowings(*)	108,224	79,546	98,351	(3,485)	272,216	(170,543)	209,897
Cash flows from investing activities (*)	(108,224)	(68,205)	6,401	(4,994)	(54,265)	180,902	18,413

(*) Calculated using internal criteria, which in certain cases differ from those in IAS 7.
The Concessions business was discontinued in 2017 and does not contribute the profit and loss and balance sheet figures which appear in this table.

Thousands of euros 2016							
	Concessions	Engineering and Construction				Development	Total Group
		Construction	Industrial	Services	Total Engineering and Construction		
Revenue	-	2,773,571	243,629	194,410	3,211,610	130,759	3,342,369
Inter-segment revenue	-	58,409	4,911	-	63,320	-	63,320
EBITDA	-	(43,739)	(43,288)	2,513	(84,513)	28,402	(576,311)
As a percentage of revenue	-	-1.6%	-17.8%	1.3%	-2.6%	21.7%	-17.2%
Depreciation and amortisation charge	-	(98,102)	(18,585)	(654)	(117,340)	(12,366)	(129,706)
EBIT	-	(141,841)	(61,872)	1,859	(201,854)	16,037	(706,017)
As a percentage of revenue	-	-5.1%	-25.4%	1.0%	-6.3%	12.3%	-21.1%
Concession infrastructure	-	52,664	-	-	53,266	-	6,439,634
Current assets	-	2,460,651	266,524	75,399	2,768,375	519,357	4,331,279
Current liabilities	-	2,858,856	362,147	66,914	2,851,927	634,037	3,423,547
Total assets	-	3,395,189	311,388	79,787	3,881,851	889,006	12,920,346
Total liabilities	-	3,161,273	382,890	67,248	4,252,385	669,677	8,877,453
Cash flows from operating activities (*)	-	(102,655)	(29,802)	(6,943)	(315,697)	(5,792)	(183,411)
Changes in net borrowings(*)	(322,422)	248,052	24,451	5,355	577,654	38,230	299,494
Cash flows from investing activities (*)	322,422	(145,397)	5,351	1,588	(261,957)	(32,438)	(116,083)

(*) Calculated using internal criteria, which in certain cases differ from those in IAS 7.
The Concessions business was discontinued in 2017, and the related figures for 2016 were restated. Accordingly, it does not contribute the profit and loss and balance sheet figures which appear in this table.

The secondary segments -the geographical areas in which the Group companies operate on a lasting basis, since they have local structures- are the US and Canada, Mexico, Chile, Peru, Colombia, Spain and Central and Eastern Europe. The Group is also present in other countries, which are not currently considered to be local markets and are grouped together under "Other Countries".

	Thousands of euros 2017								
	US and Canada	Mexico	Chile	Peru	Colombia	Spain	Central and Eastern Europe	Other countries	Total Group
Revenue	1,116,528	266,176	149,776	113,833	93,786	729,193	270,212	476,847	3,216,351
EBITDA	33,977	43,084	(35,084)	11,886	5,167	(121,969)	(1,730)	8,130	(56,539)
As a percentage of revenue	3.0%	16.2%	-23.4%	10.4%	5.5%	-16.7%	-0.6%	1.7%	-1.8%
EBIT	4,319	37,349	(37,428)	7,129	3,694	(137,171)	(12,119)	1,490	(132,737)
As a percentage of revenue	0.4%	14.0%	-25.0%	6.3%	3.9%	-18.8%	-4.5%	0.3%	-4.1%
Profit (Loss) after tax (attributable to the Parent)	(61,768)	314,160	(19,663)	22,937	5,738	(188,860)	(12,121)	(72,499)	(12,076)
As a percentage of revenue	-5.5%	118.0%	-13.1%	20.1%	6.1%	-25.9%	-4.5%	-15.2%	-0.4%
Concession infrastructure	-	-	35	-	-	66,738	-	-	66,773
Year-end headcount	2,196	1,055	2,126	2,446	482	10,144	2,006	1,009	21,464
Short-term backlog	2,079,173	387,963	999,455	224,297	374,011	1,407,092	214,665	549,594	6,236,250
Long-term backlog	-	-	87,615	-	-	136,872	-	-	224,487
Total backlog	2,079,173	387,963	1,087,070	224,297	374,011	1,543,964	214,665	549,594	6,460,737

	Thousands of euros 2016								
	US and Canada	Mexico	Chile	Peru	Colombia	Spain	Central and Eastern Europe	Other countries	Total Group
Revenue	1,304,156	422,059	132,388	66,852	63,189	720,795	283,286	349,644	3,342,369
EBITDA	(39,932)	43,612	(49,684)	(3,178)	6,937	(127,822)	(27,142)	(379,102)	(576,311)
As a percentage of revenue	-3.1%	10.3%	-37.5%	-4.8%	11.0%	-17.7%	-9.6%	-108.4%	-17.2%
EBIT	(88,002)	31,189	(74,917)	(4,553)	8,221	208,667	(137,510)	(649,112)	(706,017)
As a percentage of revenue	-6.7%	7.4%	-56.6%	-6.8%	13.0%	28.9%	-48.5%	-185.6%	-21.1%
Profit (Loss) after tax (attributable to the Parent)	(227,388)	223,982	(58,932)	11,180	(788)	333,732	(128,081)	(586,043)	(432,338)
As a percentage of revenue	-17.4%	53.1%	-44.5%	16.7%	-1.2%	46.3%	-45.2%	-167.6%	-12.9%
Concession infrastructure	-	5,278,565	81,636	290,420	51,229	737,784	-	-	6,439,634
Year-end headcount	2,374	3,079	2,623	1,516	311	8,657	2,263	1,217	22,040
Short-term backlog	1,691,379	600,045	1,125,205	247,583	624,435	1,400,922	190,906	794,421	6,674,896
Long-term backlog	-	-	88,524	-	-	136,872	-	-	225,396
Total backlog	1,691,379	600,045	1,213,729	247,583	624,435	1,537,794	190,906	794,421	6,900,292

4.2.- Risk management policy

Risk management, as a strategic objective of the OHL Group, focuses on the implementation and maintenance of a reliable risk management system to be used as a management tool at all decision-making levels.

This system develops and implements a common set of processes, risk categories, and management tools and techniques in order to:

- Identify and manage risks at Group and divisional level.
- Implement integrated reporting, enabling the identification and follow-up of key risks.
- Align levels of risk tolerance with Group aims.
- Improve risk-related information and communications.
- Improve risk-response decisions.
- Integrate risk management into the decision-making process.
- Reduce the Group's vulnerability to adverse events.
- Establish and maintain a culture of raising risk awareness.
- Increase the confidence and assurance of the Board of Directors and of stakeholders that material risks are being managed and communicated on a timely basis.

The framework of the OHL Group's risk management process represents how the Group manages risk. The OHL Group manages risk on the basis of the following principles:

- Risk management is included in the main business processes such as planning or operational processes to ensure consistent risk analysis in decision-making.
- The OHL Group analyses and defines its ability to reduce, accept, share or avoid risks. This definition is aligned with and supports the Group's strategic and operational objectives and its declaration on risk tolerance.
- All the OHL Group's risks are identified, prioritised and evaluated, based on risk assessments and potential exposure, by appropriate personnel in the organisation.
- Each functional area and division is responsible for adopting and following the OHL Group Risk Management System. The risks identified are analysed in all divisions and are added together to ensure the adoption of a coordinated response to the most common risks within the Group.
- Each functional area and division carries out periodic reviews of its risk listing in order to update the status of existing risks and to identify emerging risks.
- Each functional area and division supports a culture of transparency, awareness-raising and open dialogue on risk. The OHL Group's Risk Management programme supports and helps facilitate regular debates on risk, corporate risk awareness and communication, and ongoing training on risk management.
- It is the responsibility of each division to proactively disseminate information on significant current or potential risks in a timely manner, and to ensure that risk management information is provided to the corresponding division management, the corporate risk management function or others as deemed appropriate.
- The OHL Group provides the necessary tools and resources to facilitate risk reporting, monitoring and measurement.

The OHL Group's risk management policy is reviewed annually to ensure that it remains in line with the interests of the Group and its stakeholders.

The OHL Group's Audit, Compliance and Corporate Social Responsibility Committee has the ultimate responsibility for ensuring that the commitments included in the risk management policy are up to date and fulfilled on an ongoing basis.

4.2.1 Financial risk management

Financial risks affect mainly the obtainment of the necessary financing when required and at a reasonable cost and the maximisation of the available financial resources. The most significant financial risks are as follows:

- Interest rate risk.
- Foreign currency risk.
- Credit risk.
- Liquidity risk.
- Risk relating to financial instruments associated with the Parent's shares.

Interest rate risk

Interest rate fluctuations change the future flows from assets and liabilities tied to floating interest rates.

This interest rate risk is particularly important in relation to the financing of infrastructure projects and other projects in which project profitability depends on possible changes in interest rates because it is directly linked to project cash flows.

The Group finances its operations using fixed- or floating-rate financial products and, based on estimates of the trend in interest rates and of debt structure targets, it either performs hedging transactions by arranging derivatives to mitigate these risks, also conducting a sensitivity analysis in this connection, or it arranges fixed-rate financing.

Of the Group's total gross debt at 31 December 2017, 3.1% had been hedged while 58.9% was bearing interest at a fixed rate.

The sensitivity of the Group's profit or loss to an increase of 0.5% in interest rates, excluding the debt hedged with hedging instruments and the debt bearing a fixed rate of interest, would have an impact of EUR 2,232 thousand on the profit or loss attributable to the Parent.

Foreign currency risk

Foreign currency risk management is centralised at the Group and various hedging mechanisms are applied to minimise the impact of the changes in value of foreign currencies against the euro.

The foreign currency risks relate basically to:

- Debt denominated in foreign currencies.
- Payments to be made in international markets for the acquisition of procurements or non-current assets.
- Collections arising on projects tied to currencies other than the functional currency of the Parent or of the subsidiaries.
- Investments in foreign subsidiaries.

The Group arranges foreign currency derivatives and currency forwards to hedge significant future transactions and cash flows, in keeping with the acceptable risk limits.

Also, the net assets relating to net investments in foreign operations with a functional currency other than the euro are exposed to the risk of exchange rate fluctuations on the translation of the financial statements of these foreign operations on consolidation.

In October 2017 Obrascón Huarte Lain, S.A. announced that it had entered into an agreement to sell its Concessions division to IFM Investors. The amount receivable for the sale is affected, among other adjustments, by fluctuations in the EUR/MXN and EUR/PEN exchange rates. In this connection, a series of currency forwards were arranged in December 2017. These derivatives do not qualify for hedge accounting and the impact of changes therein is recognised in profit or loss.

EUR (730,641) thousand were recognised in this connection under "Valuation Adjustments - Translation Differences" in the consolidated balance sheet as at 31 December 2017 (31 December 2016: EUR (529,917) thousand).

Non-current assets denominated in currencies other than the euro are financed in that same currency with a view to creating a natural hedge.

The sensitivity analysis of the foreign currency risk of financial instruments for the main currencies in which the Group operates simulated a 10% increase in the foreign currency/euro exchange rate with respect to the rates applicable at 31 December 2017 and 2016, the possible impact of which was as follows:

Currency	Thousands of euros 2017				
	Profit or loss	Translation differences	Attributable equity	Non-controlling interests	Total equity
Czech koruna	41	693	734	18	752
Algerian dinar	3,842	-	3,842	-	3,842
Kuwaiti dinar	(2,862)	-	(2,862)	-	(2,862)
Canadian dollar	-	32,726	32,726	-	32,726
US dollar	2,078	(5,500)	(3,422)	-	(3,422)
Chilean peso	3,001	(1,044)	1,957	-	1,957
Colombian peso	339	(4,828)	(4,489)	-	(4,489)
Mexican peso	(81)	3,347	3,266	-	3,266
Saudi Arabian riyal	-	7,823	7,823	-	7,823
Qatari riyal	30,672	-	30,672	-	30,672
Peruvian sol	(1,620)	1,544	(76)	-	(76)
Total	35,410	34,761	70,171	18	70,189

Currency	Thousands of euros 2016				
	Profit or loss	Translation differences	Attributable equity	Non-controlling interests	Total equity
Czech koruna	-	4,463	4,463	138	4,601
Algerian dinar	3,859	-	3,859	-	3,859
Kuwaiti dinar	3,423	-	3,423	-	3,423
Canadian dollar	-	5,092	5,092	-	5,092
US dollar	7,869	32,376	40,245	-	40,245
Chilean peso	7,290	6,781	14,071	-	14,071
Colombian peso	769	5,921	6,690	-	6,690
Mexican peso	340	315,799	316,139	239,697	555,836
Saudi Arabian riyal	-	13,703	13,703	-	13,703
Qatari riyal	46,590	-	46,590	-	46,590
Peruvian sol	1,430	3,932	5,362	-	5,362
Total	71,570	388,067	459,637	239,835	699,472

If a sensitivity analysis were performed using the assumption of a 10% decrease in the foreign currency/euro exchange rate with respect to the rates applicable at 31 December 2017 and 2016, the impact would be as follows:

Currency	Thousands of euros 2017				
	Profit or loss	Translation differences	Attributable equity	Non-controlling interests	Total equity
Czech koruna	(40)	(631)	(671)	(16)	(687)
Algerian dinar	(3,493)	-	(3,493)	-	(3,493)
Kuwaiti dinar	2,601	-	2,601	-	2,601
Canadian dollar	-	(29,751)	(29,751)	-	(29,751)
US dollar	(1,888)	5,000	3,112	-	3,112
Chilean peso	(2,729)	949	(1,780)	-	(1,780)
Colombian peso	(308)	4,389	4,081	-	4,081
Mexican peso	73	(3,042)	(2,969)	-	(2,969)
Saudi Arabian riyal	-	(7,112)	(7,112)	-	(7,112)
Qatari riyal	(27,883)	-	(27,883)	-	(27,883)
Peruvian sol	1,473	(1,403)	70	-	70
Total	(32,194)	(31,601)	(63,795)	(16)	(63,811)

Currency	Thousands of euros 2016				
	Profit or loss	Translation differences	Attributable equity	Non-controlling interests	Total equity
Czech koruna	-	(4,058)	(4,058)	(125)	(4,183)
Algerian dinar	(3,508)	-	(3,508)	-	(3,508)
Kuwaiti dinar	(3,112)	-	(3,112)	-	(3,112)
Canadian dollar	-	(4,629)	(4,629)	-	(4,629)
US dollar	(7,153)	(29,432)	(36,585)	-	(36,585)
Chilean peso	(6,627)	(6,165)	(12,792)	-	(12,792)
Colombian peso	(699)	(5,383)	(6,082)	-	(6,082)
Mexican peso	(309)	(287,090)	(287,399)	(217,906)	(505,305)
Saudi Arabian riyal	-	(12,457)	(12,457)	-	(12,457)
Qatari riyal	(42,355)	-	(42,355)	-	(42,355)
Peruvian sol	(1,300)	(3,575)	(4,875)	-	(4,875)
Total	(65,063)	(352,789)	(417,852)	(218,031)	(635,883)

Credit risk

Credit risk is the probability that a counterparty to a contract does not meet its contractual obligations, giving rise to a loss.

The Group has adopted a policy of trading only with solvent third parties and obtaining sufficient guarantees to mitigate the risk of incurring losses in the event of non-compliance. The Group obtains information on its counterparty through independent company valuation agencies, other public sources of financial information or its own relationships with customers and third parties.

At 31 December 2017, the net balances of the Group's financial assets exposed to credit risk are:

	Thousands of euros
Non-current financial assets	500,991
Trade and other receivables	1,736,175
Current financial assets	100,330
Current hedging instruments	39,789
Cash and cash equivalents	434,210

Non-current financial assets

Non-current financial assets include loans to associates totalling EUR 67,580 thousand. The Group is aware of the solvency of its associates and does not expect any losses to arise in relation to these financial assets. No write-downs were recognised on these financial assets in 2017.

Non-current hedging instruments

The credit risk of hedging instruments with a positive fair value is limited by the Group, since derivatives are arranged with highly solvent counterparties with high credit ratings and no counterparty accounts for a significant percentage of the total credit risk.

Trade and other receivables

Trade and other receivables includes the balances of "Trade Receivables for Sales and Services" totalling EUR 1,710,407 thousand, of which 51.9% relate to public-sector customers in relation to which the Group does not expect any losses to arise. In certain cases, the Group is entitled to demand interest. The remaining 48.1% relate to private-sector customers which, in general, have a high level of solvency.

Customers are assessed prior to entering into contracts. This assessment includes a solvency study. Over the course of the contract term, changes in debt are monitored on a constant basis and the recoverable amounts are reviewed, and write-downs are recognised whenever necessary.

Liquidity risk

This risk is managed by maintaining adequate levels of cash and marketable securities as well as by arranging and maintaining sufficient financing lines to cover all financing needs and to maintain at all times adequate levels of financial flexibility for the Group's activity.

In order to improve this liquidity position, the Group takes measures in relation to:

- Ongoing management of working capital and, particularly, of "Trade and Other Receivables".
- Optimisation of the financial position of all its companies through ongoing monitoring of cash projections.
- Management of the arrangement of financing lines in capital markets.

The Group presents the repayment schedule at 31 December 2017, of which EUR 680,679 thousand mature in 2018 (see Note 3.17.).

The Group's liquidity position at 31 December 2017 comprises the following:

- Current financial assets amounting to EUR 140,119 thousand.
- Cash and cash equivalents amounting to EUR 434,210 thousand.
- Drawable credit lines and discount facilities amounting to EUR 215,005 thousand.

In 2016 there were four reductions in the Group's credit rating by rating agencies, three levels in the case of Moody's and one level in the case of Fitch, ultimately leaving it at Caa1 and B+ (in both cases with a negative outlook), respectively.

In order to avoid a potential adverse impact on its liquidity profile, the OHL Group initiated a process of dialogue and joint negotiation with its eight main relationship entities (the "Group of Entities"), with a twofold objective: (i) to ensure the maintenance of their support for the Group by signing a formal standstill agreement to maintain the terms and conditions, drawability and limits of the existing financing from that Group of Entities; and (ii) to negotiate a new financing package that would allow the OHL Group to ensure the coverage of its future working capital needs arising from the implementation of its Business Plan.

The renewal of the multi-product syndicated financing agreement (novated on 29 November 2017) was formalised on 30 March 2017 for an aggregate amount of EUR 684 million, for the issue of guarantees (EUR 402 million) and reverse factoring (EUR 92 million), which also includes a revolving credit line of EUR 190 million.

All maturing at 18 months, thereby extending the standstill period until that date, and secured by the shares of OHL Concesiones and OHL Desarrollos.

This financing package, together with the debt reduction measures implemented in 2017 aimed at carrying out a divestment plan and taking decisive actions to generate cash flows/control projects, strengthened the Group's liquidity profile at 31 December 2017.

Note should also be made of the agreement entered into on 30 November 2017 by OHL and IFM Investors for the sale of all the Group's ownership interest in OHL Concesiones. This transaction should be completed in the first quarter of 2018 and will represent a significant cash inflow for the Group, which will substantially reduce its gross recourse borrowings and improve its available recourse liquidity.

4.2.2. - Capital management

The objective of the Group's capital management is to maintain an optimum financial structure that enables it to reduce the cost of capital but also guarantees the capacity to continue managing recurring operations and undertaking new projects focused on growth and the creation of value.

In order to achieve this target, the Group considered it necessary to strengthen its financial structure to undertake investments in new concession operators and also to reduce its net financial debt. Accordingly, on 30 October 2015, it increased capital by a par value of EUR 119,410 thousand, through the issue of 199,018,056 new shares of EUR 0.60 par value and a share premium of EUR 4.42 each, of the same class and series as the existing shares.

The total amount of the capital increase, i.e. par value plus share premium, excluding expenses, was EUR 999,070 thousand.

In addition to obtaining funds from its shareholders, the main sources used by the Group to finance its growth and operations are as follows:

- Cash flows generated by the Group that are not related to project finance, including dividends arising from projects.
- Project finance, which is always long term and with recourse only to the cash flows generated and the project assets being financed and always in the same currency as the revenue from the related project.
- Short-term corporate finance, with recourse mainly to the Parent, used to cover the possible seasonality of business during the year.
- Long-term corporate finance, with recourse mainly to the Parent, always of a moderate amount with respect to equity and in proportion to the cash generated.

The capital structure is controlled through the leverage ratio (calculated as the ratio of net financial debt to equity).

These ratios at 31 December 2017 and 2016 are as follows:

	Thousands of euros				
	2017	%	2016	%	Change %
Equity	**4,183,330**		**4,042,893**		**3.5**
Total financial debt					
Non-current	893,556	56.8	3,777,065	86.0	-76.3
Current	680,679	43.2	615,201	14.0	10.6
Total gross financial debt	**1,574,235**	**100.0**	**4,392,266**	**100.0**	**-64.2**
Total net financial debt	**999,906**		**2,910,946**		**-65.7**
Total net financial debt including that of discontinued operations	**2,243,332**		**2,910,946**		**-1.5%**
Total net debt including discontinued operations/Equity	**0.54**		**0.72**		

Total net financial debt decreased in 2017 due mainly to the discontinuation of the Concessions business (see Note 1.3.).

4.3.- Number of employees

The average number of employees in 2017 and 2016, by professional category, was as follows:

Professional category	Average number of employees	
	2017	2016
Management and university graduates	481	594
Further education college graduates	1,799	1,821
Non-graduate line personnel	2,918	2,925
Clerical staff	1,379	1,631
Other employees	14,991	15,179
Total	21,568	22,150
Permanent employees	12,971	13,945
Temporary employees	8,597	8,205
Total	21,568	22,150

The average number of employees at the Group with a disability equal to or greater than 33% in 2017 was 521 (2016: 393).

Of the average number of employees in 2017, 7,997 were women and 13,571 were men.

4.4.- Related party transactions

Related party transactions are deemed to be transactions with parties outside the Group but with which there are strong ties as defined in Ministry of Economy and Finance Order EHA/3050/2004, of 15 September, and in Spanish National Securities Market Commission (CNMV) Circular 1/2005, of 1 April.

The following transactions were performed with related companies in 2017 and 2016:

Income and expenses	Thousands of euros 2017	% of total	2016	% of total
Revenue	33,139	1.03	27,148	0.81
Other operating income	1,359	0.81	1,251	0.69
Finance income	5,382	15.15	3,538	14.32
Procurements	4,568	0.22	9,916	0.38
Other operating expenses	5,409	1.12	6,474	1.00
Other transactions				
Acquisitions of intangible assets	711	-	819	-
Acquisitions of property, plant and equipment	-	-	29	-
Acquisitions of financial assets	8,470	-	49,282	-
Financing agreements: loans granted	-	-	180,209	-
Financing agreements: repayment of loans granted	926	-	103,000	-
Dividends paid	1	-	5,003	-

The following transactions were performed with the related companies of the discontinued Concessions business in 2017 and 2016:

Income and expenses	Thousands of euros 2017	% of total	2016	% of total
Revenue	-	-	669	2.17
Procurements	-	-	417	0.29
Other operating expenses	551	0.32	593	0.60
Finance costs	-	-	-	-
Other transactions				
Acquisitions of intangible assets	-	-	90	-
Financing agreements: loans granted	-	-	30,000	-
Financing agreements: repayment of loans granted	-	-	63,000	-
Financing agreements: advances to suppliers	-	-	20,553	-

The detail of the related party transactions in 2017 is as follows:

Employer identification number	Related company		Group company	Thousands of euros
	ADP-Fertilizantes, S.A.	Revenue	Avalora Tecnologías de la Información, S.A.	10
	Agralia Fertilizantes, S.L.	Revenue	Avalora Tecnologías de la Información, S.A.	1
	Centro Canalejas Madrid, S.L.U.	Revenue	Obrascon Huarte Lain, Desarrollos, S.L.	1,920
	Centro Canalejas Madrid, S.L.U.	Revenue	Obrascon Huarte Lain, S.A.	22,593
	Enérgya VM Gestión de Energía, S.L.U.	Revenue	Avalora Tecnologías de la Información, S.A.	50
	Espacio Arpada Desarrollos, S.L.	Revenue	Obrascon Huarte Lain, S.A.	33
	Espacio Caleido, S.A.	Revenue	Obrascon Huarte Lain, S.A.	4,896
	Espacio Information Technology, S.A.U.	Revenue	Avalora Tecnologías de la Información, S.A.	166
	Ferroatlántica, S.A.U.	Revenue	Avalora Tecnologías de la Información, S.A.	60
	FerroPem, SAS	Revenue	Avalora Tecnologías de la Información, S.A.	2
	Fertiberia, S.A.	Revenue	Avalora Tecnologías de la Información, S.A.	97
	Fertiberia, S.A.	Revenue	Chemtrol Proyectos y Sistemas, S.L.	4
	Fertiberia, S.A.	Revenue	Comercial de Materiales de Incendio, S.L.	28
	Fertiberia, S.A.	Revenue	OHL Industrial Mining & Cement, S.A.	4
	Fertiberia, S.A.	Revenue	S.A. Trabajos y Obras	260
	Grupo Villar Mir, S.A.U.	Revenue	Obrascon Huarte Lain, Desarrollos, S.L.	1,000
	Inmobiliaria Colonial, S.A.	Revenue	Obrascon Huarte Lain, S.A.	1,203

Employer identification number	Related company		Group company	Thousands of euros
	Inmobiliaria Colonial, S.A.	Revenue	OHL Servicios - Ingesan, S.A.U.	125
	Inmobiliaria Espacio, S.A.	Revenue	Avalora Tecnologías de la Información, S.A.	47
	Inmobiliaria Espacio, S.A.	Revenue	OHL Servicios - Ingesan, S.A.U.	2
	Intergal Española, S.A.	Revenue	Avalora Tecnologías de la Información, S.A.	2
	Padacar, S.A.U.	Revenue	Avalora Tecnologías de la Información, S.A.	6
	Padacar, S.A.U.	Revenue	OHL Servicios - Ingesan, S.A.U.	84
	Promociones y Propiedades Inmobiliaria Espacio, S.L.U.	Revenue	Avalora Tecnologías de la Información, S.A.	10
	Promociones y Propiedades Inmobiliaria Espacio, S.L.U.	Revenue	Obrascon Huarte Lain, S.A.	104
	Torre Espacio Gestión, S.L.U.	Revenue	Avalora Tecnologías de la Información, S.A.	35
	Torre Espacio Gestión, S.L.U.	Revenue	OHL Servicios - Ingesan, S.A.U.	360
	Torre Espacio Restauración, S.L.U.	Revenue	OHL Servicios - Ingesan, S.A.U.	7
	Villar Mir Energía, S.L.U.	Revenue	Avalora Tecnologías de la Información, S.A.	3
	Villar Mir Energía, S.L.U.	Revenue	OHL Servicios - Ingesan, S.A.U.	27
	Centro Canalejas Madrid, S.L.U.	Other operating income	Obrascon Huarte Lain, S.A.	42
	Espacio Information Technology, S.A.U.	Other operating income	Obrascon Huarte Lain, S.A.	69
	Espacio-OHLD Proyectos Singulares, S.L.	Other operating income	Obrascon Huarte Lain, S.A.	1
	Fertiberia, S.A.	Other operating income	Obrascon Huarte Lain, S.A.	1
	Ferroatlántica, S.A.U.	Other operating income	Obrascon Huarte Lain, S.A.	5

Employer identification number	Related company		Group company	Thousands of euros
	Grupo Villar Mir, S.A.U.	Other operating income	Obrascon Huarte Lain, S.A.	1,218
	Inmobiliaria Espacio, S.A.	Other operating income	Obrascon Huarte Lain, S.A.	6
	Proyecto Canalejas Group, S.L.	Other operating income	Obrascon Huarte Lain, Desarrollos, S.L.	8
	Torre Espacio Gestión, S.L.U.	Other operating income	Obrascon Huarte Lain, S.A.	9
	Alse Park, S.L.	Finance income	Obrascon Huarte Lain, Desarrollos, S.L.	41
	Centro Canalejas Madrid, S.L.U.	Finance income	Obrascon Huarte Lain, Desarrollos, S.L.	986
	Grupo Villar Mir, S.A.U.	Finance income	Obrascon Huarte Lain, S.A.	4,158
	Inmobiliaria Espacio, S.A.	Finance income	Avalora Tecnologías de la Información, S.A.	110
	Pacadar, S.A.U.	Finance income	Obrascon Huarte Lain, S.A.	87
	Enérgya VM Gestión de Energía, S.L.U.	Procurements	Avalora Tecnologías de la Información, S.A.	1
	Espacio Information Technology, S.A.U.	Procurements	Avalora Tecnologías de la Información, S.A.	2,708
	Pacadar, S.A.U.	Procurements	Obrascon Huarte Lain, S.A.	394
	Padacar, S.A.U.	Procurements	Construcciones Adolfo Sobrino, S.A.	1,465
	Alse Park, S.L.	Other operating expenses	Obrascon Huarte Lain, S.A.	29
	Alse Park, S.L.	Other operating expenses	OHL Servicios - Ingesan, S.A.U.	2
	Enérgya VM Gestión de Energía, S.L.U.	Other operating expenses	Agrupación Guinovart Obras y Servicios Hispania, S.A.	10
	Enérgya VM Gestión de Energía, S.L.U.	Other operating expenses	Asfaltos y Construcciones Elsan, S.A.	13

Employer identification number	Related company		Group company	Thousands of euros
	Enérgya VM Gestión de Energia, S.L.U.	Other operating expenses	Construcciones Adolfo Sobrino, S.A.	3
	Enérgya VM Gestión de Energia, S.L.U.	Other operating expenses	Obrascon Huarte Lain, S.A.	356
	Espacio Information Technology, S.A.U.	Other operating expenses	Agrupación Guinovart Obras y Servicios	107
	Espacio Information Technology, S.A.U.	Other operating expenses	Asfaltos y Construcciones Elsan, S.A.	87
	Espacio Information Technology, S.A.U.	Other operating expenses	Catalana de Seguretat i Comunicacions, S.L.	15
	Espacio Information Technology, S.A.U.	Other operating expenses	Chemtrol Proyectos y Sistemas, S.L.	14
	Espacio Information Technology, S.A.U.	Other operating expenses	Construcciones Adolfo Sobrino, S.A.	28
	Espacio Information Technology, S.A.U.	Other operating expenses	Constructora de Proyectos Viales de México, S.A. de C.V.	161
	Espacio Information Technology, S.A.U.	Other operating expenses	EyM Instalaciones, S.A.	45
	Espacio Information Technology, S.A.U.	Other operating expenses	Obrascon Huarte Lain, Desarrollos, S.L.	10
	Espacio Information Technology, S.A.U.	Other operating expenses	Obrascon Huarte Lain, S.A.	2,973
	Espacio Information Technology, S.A.U.	Other operating expenses	OHL Arabia, LLC	26
	Espacio Information Technology, S.A.U.	Other operating expenses	OHLDM, S.A. de C.V.	14
	Espacio Information Technology, S.A.U.	Other operating expenses	OHL Industrial Mining & Cement, S.A.	4
	Espacio Information Technology, S.A.U.	Other operating expenses	OHL Industrial, S.L.	29
	Espacio Information Technology, S.A.U.	Other operating expenses	OHL Servicios - Ingesan, S.A.U.	20
	Espacio Information Technology, S.A.U.	Other operating expenses	S.A. Trabajos y Obras	60
	Fertiberia, S.A.	Other operating expenses	S.A. Trabajos y Obras	1

Employer identification number	Related company		Group company	Thousands of euros
[redacted]	Promociones y Propiedades Inmobiliarias Espacio, S.L.U.	Other operating expenses	Obrascon Huarte Lain, Desarrollos, S.L.	1,200
	Promociones y Propiedades Inmobiliarias Espacio, S.L.U.	Other operating expenses	Obrascon Huarte Lain, S.A.	135
	Torre Espacio Gestión, S.L.U.	Other operating expenses	Obrascon Huarte Lain, S.A.	36
	Torre Espacio Gestión, S.L.U.	Other operating expenses	S.A. Trabajos y Obras	1
	Torre Espacio Restauración, S.L.U.	Other operating expenses	Obrascon Huarte Lain, Desarrollos, S.L.	1
	Torre Espacio Restauración, S.L.U.	Other operating expenses	Obrascon Huarte Lain, S.A.	28
	Centro Canalejas Madrid, S.L.U.	Sales of property, plant and equipment	Obrascon Huarte Lain, S.A.	1
	Espacio Information Technology, S.A.U.	Acquisitions of intangible assets	Obrascon Huarte Lain, S.A.	711
	Grupo Villar Mir, S.A.U.	Acquisitions of financial assets	Obrascon Huarte Lain, Desarrollos, S.L.	8,470
	Alse Park, S.L.	Financing agreement: repayment of loan granted	Obrascon Huarte Lain, Desarrollos, S.L.	926
	Centro Canalejas Madrid, S.L.U.	Guarantees for construction work	Obrascon Huarte Lain, S.A.	4,387
	Centro Canalejas Madrid, S.L.U.	Financial guarantees	Obrascon Huarte Lain, S.A.	21,395

The detail of the transactions performed in 2017 by companies belonging to the discontinued Concessions business is as follows:

Employer identification	Related company		Group company	Thousands of euros
[redacted]	Enérgya VM Gestión de Energía, S.L.U.	Other operating expenses	Terminales Marítimas del Sureste, S.A.	250
	Espacio Information Technology, S.A.U.	Other operating expenses	OHL Concesiones, S.A.	295
	Torre Espacio Gestión, S.L.U.	Other operating expenses	OHL Concesiones, S.A.	2
	Torre Espacio Restauración, S.L.U.	Other operating expenses	OHL Concesiones, S.A.	4

These transactions, which are performed under a contractual relationship, were carried out on an arm's length basis.

At 31 December 2017 and 2016, the balances with related companies were as follows:

	Thousands of euros			
	2017	% of total	2016	% of total
Non-current assets				
Other receivables	101,524	22.56	96,578	25.53
Current assets				
Advances to suppliers and subcontractors	-	-	37,087	31.48
Trade receivables for sales and services	10,744	0.63	5,266	0.29
Sundry accounts receivable	1,613	2.36	490	0.34
Investment securities	-	-	6,326	1.60
Other receivables	7,000	6.95	7,909	2.91
Non-current liabilities				
Other non-current liabilities	1,500	9.45	-	-
Current liabilities				
Customer advances	4,587	0.96	5,280	1.14
Accounts payable for purchases and services	841	0.08	896	0.08
Notes payable	-	-	2,118	11.00
Other non-trade payables	212	0.93	199	0.20

The balances with related companies associated with discontinued operations at 31 December 2017 are as follows:

	Thousands of euros	
	2017	% of total discontinued operations
Non-current assets		
Advances to suppliers and subcontractors	34,110	95.67
Current liabilities		
Accounts payable for purchases and services	7	0.01

In addition, at 31 December 2017 the Group had provided guarantees for related entities amounting to EUR 57,570 thousand.

4.5 Backlog

At 31 December 2017, the Group's backlog amounted to EUR 6,460,737 thousand (31 December 2016: EUR 6,900,292 thousand).

The breakdown of the Group's backlog, by activity and geographical market, is as follows:

Business activity	Thousands of euros					
	2017			2016		
	Short-term	Long-term	Total	Short-term	Long-term	Total
Construction	5,568,294	224,487	5,792,781	5,880,909	225,396	6,106,305
Industrial	312,107	-	312,107	437,256	-	437,256
Services	355,849	-	355,849	356,731	-	356,731
Total backlog	6,236,250	224,487	6,460,737	6,674,896	225,396	6,900,292

The long-term backlog includes an estimate of the future net sales of Construction concession operators over the entire term of the concession based on the economic and financial plan of each concession.

Of the total short-term backlog at 31 December 2017, EUR 4,976,279 thousand related to public sector customers and EUR 1,259,971 thousand to private sector customers (2016: EUR 4,514,772 thousand and EUR 2,385,520 thousand, respectively).

Geographical market	Thousands of euros					
	2017			2016		
	Short-term	Long-term	Total	Short-term	Long-term	Total
US and Canada	2,079,173	-	2,079,173	1,691,379	-	1,691,379
Mexico	387,963	-	387,963	600,045	-	600,045
Chile	999,455	87,615	1,087,070	1,125,205	88,524	1,213,729
Peru	224,297	-	224,297	247,583	-	247,583
Colombia	374,011	-	374,011	624,435	-	624,435
Spain	1,407,092	136,872	1,543,964	1,400,922	136,872	1,537,794
Central and Eastern Europe	214,666	-	214,666	190,908	-	190,908
Other countries	549,593	-	549,593	794,421	-	794,421
Total backlog	6,236,250	224,487	6,460,737	6,674,896	225,396	6,900,292

At 31 December 2017, the backlog abroad represented 76.1% of the total backlog (31 December 2016: 77.7%).

4.6.- Contingent assets and contingent liabilities

4.6.1.- Contingent assets

There were no material contingent assets at 31 December 2017.

4.6.2.- Contingent liabilities and guarantees

4.6.2.1.- Guarantees provided to third parties

The contingent liabilities include the normal liability of construction companies for the performance and completion of the project contracts held by the Group companies and those arranged by the UTEs in which they have interests. The subsidiaries in Spain also have a secondary liability for the obligations of their subcontractors to the social security system with respect to their site employees. No losses are expected to be incurred by the Group in this connection.

At 31 December 2017, the Group companies had provided EUR 3,672,965 thousand of guarantees to third parties (31 December 2016: EUR 3,922,822 thousand), of which, in accordance with standard practice in the industry, EUR 3,550,465 thousand (31 December 2016: EUR 3,759,089 thousand) related to completion bonds deposited with public authorities and private sector customers to guarantee proper performance of the project contracts, and the remainder to provisional guarantees for project bids.

Of the total EUR 3,762,965 thousand of guarantees to third parties, EUR 348,846 thousand relate to companies belonging to the discontinued Concessions business. Also, of the total EUR 3,550,867 thousand of guarantees deposited with public authorities and private sector customers to guarantee proper performance of the project contracts, EUR 288,718 thousand relate to companies belonging to the discontinued Concessions business.

4.6.2.2.- Joint and several personal financial guarantees

Also, certain Group companies had provided joint and several personal guarantees to various entities (mainly banks) as security for the credit facilities granted to other associates, which amounted to EUR 50,493 thousand at 31 December 2017 (31 December 2016: EUR 26,435 thousand).

The Parent's directors do not expect any additional liabilities to arise in connection with these guarantees that might affect the 2017 consolidated financial statements.

4.6.2.3.- Guarantees for financial instruments

The Group has loans secured by shares of its investees (see Notes 3.17.1. and 4.2.).

Certain Group companies have provided guarantees to various entities to secure derivatives granted to other associates, the amount of which at 31 December 2017 was EUR 6,095 thousand (31 December 2016: EUR 4,199 thousand).

The Parent's directors do not expect the collateral guarantees to pose a significant risk for the Group's liquidity.

4.6.2.4.- Investment commitments

The concession operators are obliged, under the concession arrangements, to make certain investments (see Note 3.2.).

These investments will be financed through loans granted to, capital increases at, and cash flows generated by, the concession operators. Given that these are estimates and neither the amounts to be received through the loans nor the cash flows to be generated by the concessions are fixed, the amount and the timing of the capital increases at the subsidiaries is not certain.

4.6.2.5.- Litigation

At the end of 2017 certain lawsuits were in process involving the Parent and/or its subsidiaries as a result of the ordinary course of their operations.

The Group's most significant lawsuits, by operating segment, are as follows:

Concessions

- In June 2008 and 2009 the concession operator **Autopista Eje Aeropuerto Concesionaria Española, S.A.U.** filed two claims (the latter refiled on 31 July 2013) against the Ministry requesting that the economic feasibility of the concession be restored and that the concession arrangement be rendered null and void with the reimbursement of the amounts invested, respectively.

  At the date of these consolidated financial statements, the authorities had not handed down any decision on these requests.

  In order to compensate for the shortfall in traffic, in 2012, 2013, 2014, 2015, 2016 and 2017 the company claimed from the Ministry of Public Works the approval and payment of the amounts earmarked in the compensation account and approval of the annual participating loans pursuant to Additional Provision Eight of Law 43/2010. All the requests were rejected in the administrative jurisdiction, and a decision has yet to be handed down by the Supreme Court on those relating to 2013, 2014 and 2015.

  The total requested in relation to amounts earmarked in the aforementioned years is EUR 25.7 million, and that requested in relation to participating loans is EUR 116.0 million.

  Pursuant to Additional Provision 41 of Law 26/2009, the concession operator filed 14 participating loan applications with the Ministry of Public Works for the payment of compulsory purchases made in 2012, 2013, 2014, 2015 and 2016. The total amount claimed through these applications is EUR 111.7 million. The request for payment of these loans was dismissed in a final judgment by the Supreme Court in appeal 397/2014 claiming the restoration of the economic feasibility of

the concession for compulsory purchase cost overruns. At the reporting date, and with respect to compulsory purchase proceedings, reappraisals and related proceedings (*voie de fait* (an administrative proceeding performed outside its jurisdiction or dispensing with the established procedure) and request for compensation), one court proceeding and two administrative proceedings are in progress. Also, at the reporting date a decision had yet to be handed down on the appeal filed by the concession operator in June 2014 at the Supreme Court against the alleged dismissals of the request for compensation filed by the concession operator for the performance of additional works.

Also, in relation to the insolvency proceeding involving Autopista Eje Aeropuerto Concesionaria Española, S.A.U. and Aeropistas, S.L.U.:

a) Petition for initiation of insolvency proceedings

Autopista Eje Aeropuerto Concesionaria Española, S.A.U. was declared to be legally involved in an insolvency proceeding together with its sole shareholder, Aeropistas, S.L.U. in the court order of 12 December 2013 of the Madrid Commercial Court No. 2, which gave rise to the orders of Voluntary Insolvency Proceeding 863/13.

b) The common phase of the insolvency proceeding

On 19 May 2015, the insolvency manager submitted the final reports, introducing amendments to the list of creditors of Autopistas Eje Aeropuerto Concesionaria Española, S.A.U, due to: (i) the definitive nature of the majority of judicial decisions in matters of compulsory purchases; (ii) the inclusion of the decision handed down on insolvency event 588/2014; and (iii) the recognition of debts not included due to error.

There were no changes to the inventory of assets and rights of the concession operator, and the total value remained at EUR 412.6 million, of which intangible assets accounted for EUR 396.1 million.

In the case of Aeropistas, S.L.U. no amendments were made to the list of creditors in the final reports or the inventory of assets and rights, with assets totalling EUR 336.6 million, comprising mainly investments in Group companies and equity instruments.

On 31 July 2015, an order was issued to end the common phase and open the phase of arrangement, as both SEITTSA and the insolvent companies had submitted arrangement proposals.

c) Opening and processing of the liquidation phase.

The court order of 13 October 2015 rejected the arrangement proposals submitted and, consequently, ordered the opening of the liquidation phase, with the legal effects that this entails. Furthermore, the insolvency manager was requested to submit a liquidation plan in 15 days, although it requested an extension to that period (at the date of these consolidated financial statements that request has not been answered).

Also, on 23 October 2015 the insolvency manager requested that the Spanish Ministry of Public Works terminate and liquidate the concession arrangement, to which the Spanish Ministry of Public Works responded, in the notification of 9 February 2016, that "the requested termination of the concession arrangement shall only be carried out when the liquidation [in the insolvency proceeding of the concession operator Autopista Eje Aeropuerto] becomes final, if the decision handed down on the appeal filed by the Spanish government lawyers on behalf of SEITTSA orders this to happen".

SEITTSA filed an appeal against the order initiating the liquidation phase, requesting, furthermore, the stay of the liquidation proceedings until that court order becomes final. Subsequently, SEITTSA and the Spanish Ministry of Public Works withdrew this appeal. As a result of the foregoing, on 19 December 2017 the Spanish Ministry of Public Works declared the termination of the concession arrangement and ordered the procedure to liquidate the concession arrangement to be processed.

The insolvency manager and AEA submitted pleadings against this decision of the Spanish Ministry of Public Works in which they requested the dismissal of the initiated

proceeding, since it was not taken into account that the concession arrangement had already been terminated, by operation of Law, on 13 October 2015 (date of the opening of the liquidation phase) and, accordingly, the Governmental Liability ("Responsabilidad Patrimonial de la Administración -RPA-") should be calculated as of that date.

The above in consonance with the information presented previously, which was fully aligned with the decision of the Chamber for Jurisdictional Conflicts of the Supreme Court in relation to the insolvency proceedings of another toll road concession operator, i.e. the decision of 15 December 2016 of the Chamber for Jurisdictional Conflicts of the Supreme Court (which resolved the conflict of jurisdiction raised between the Spanish Ministry of Public Works and Madrid Commercial Court No. 6, in relation to who was the competent authority to terminate and liquidate a toll road concession arrangement involved in insolvency proceedings), which establishes, inter alia, that the opening of the liquidation phase ordered by the judge overseeing the insolvency proceedings produces by operation of Law the termination of the concession arrangement and, therefore, the public authorities cease to have the power to declare the concession terminated, without prejudice to continuing to maintain the power to liquidate the concession arrangement once it is indeed terminated.

The opening of the liquidation phase at the two companies led to the exclusion from consolidation thereof from October 2015 onwards.

In this context, and with respect to the termination of the liquidation process of the investees, the Group's directors consider that in a base-case resolution scenario, which is inferior to the scenario requested by the companies' liquidator, both the net investments recognised (EUR 19 million) and the balance receivable associated with the construction of the infrastructure (EUR 43 million) would be recovered.

- In accordance with the provisions of Article 2 of Insolvency Law 22/2003, of 9 July, and following an agreement dated 19 May 2016 of its Board of Directors, on 24 May 2016 the concession operator **Cercanías Móstoles Navalcarnero, S.A.** filed a petition for voluntary insolvency proceedings to be initiated since it met the objective prerequisite of insolvency referred to in the aforementioned Article of the Insolvency Law.

On 12 July 2016, Madrid Commercial Court no. 1 issued an order admitting the aforementioned petition for insolvency and declared the initiation of ordinary voluntary insolvency proceedings in relation to the company.

This order designated an insolvency manager and established that the company's situation of insolvency arose from:

a) The Grantor's refusal to amend the concession arrangement and restore its economic feasibility.

b) The breaches of the concession arrangement by the Grantor.

c) The imposition by the Grantor of an unjustified penalty amounting to EUR 34,080,687 pursuant to the resolution of 12 February 2016.

The declaration of insolvency entailed the interruption of the principal activity that the company had been carrying on until that time (the construction of infrastructure). Currently, the company only takes actions that are strictly necessary to defend its rights against third parties in relation to the claims filed and to continue with the normal development of the insolvency proceedings.

On 16 August 2016, the initiation of the ordinary voluntary insolvency proceedings of Cercanías Móstoles Navalcarnero, S.A. was published in the Spanish Official State Gazette.

On 15 March 2017, Madrid Commercial Court no. 1 ordered the liquidation of Cercanías Móstoles Navalcarnero, S.A., opening the liquidation phase, declaring the dissolution of the company, the removal of its directors and their substitution by the insolvency managers.

On 20 June 2017, as a result of the aforementioned imposition of the penalty on the company, the Autonomous Community Government of Madrid enforced the guarantees that OHL, S.A. and OHL Concesiones, S.A.U. had provided to secure performance of their obligations under that company's concession arrangement. The enforced guarantees amounted to EUR 15,869,300.60 (EUR 12,696,240.48 from Banco Popular Español, S.A. and EUR 3,173,060.12 from Abanca Corporación Bancaria, S.A.). On 7 July 2017, subsequent to filing an appeal for judicial review, the High Court of Madrid resolved to stay the court proceeding due to a preliminary point of law until a decision had been handed down on the appeal for judicial review filed by the company requesting the termination of the concession arrangement.

Also, on 21 July 2017 the concession operator was notified of the order issued by the Autonomous Community of Madrid's Regional Minister for Transport, Housing and Infrastructure declaring the termination of the concession arrangement, the attachment of the guarantee and the obligation to pay compensation for damage and losses to the grantor for an amount to be determined in the corresponding adversary process. The company lodged an administrative appeal against this order, which was dismissed by the Autonomous Community Government of Madrid on 10 October 2017 and, accordingly, on 5 December 2017 the company filed an appeal for judicial review against this decision. The complete administrative dossier, which is required to submit this appeal, has not yet been received.

Lastly, on 2 November 2017 Madrid Commercial Court No. 1 approved the company's liquidation plan as part of the aforementioned insolvency proceedings.

In line with the situation described above, the Group considers that, based on opinions of its internal and external legal advisers, the concession arrangement supports the right to recover the net investments and the amounts contributed in the form of a loan to the company, with respect to which no provisions have been recognised.

Construction

- In 2014 the Parent reported that as a consequence of the **contract for the Design and Construction of the Sidra Medical Research Centre (Doha, Qatar), Qatar Foundation for Education, Science and Community Development (QF)** and the joint venture (JV) between the company and Contrack Cyprus Ltda. (55% - 45%, respectively) had initiated arbitration proceedings on 30 July 2014, at the International Chamber of Commerce.

At the end of 2015 a partial award was handed down on the existence or otherwise of an agreement to novate the construction contract, in relation to which the company reached the conclusion that although there was an agreement, it lacked certain formalities required under Qatari legislation for it to be considered legally enforceable by the parties.

Subsequent to the aforementioned partial award, the arbitration process continued to consider the legality or illegality of the termination of the contract and the economic and financial consequences thereof. The amount of the claim is estimated to stand within a range of between EUR 270 million and EUR 376 million, with the inclusion of EUR 98 million relating to the incorrect enforcement of guarantees in both cases.

At the reporting date, the proceeding was ongoing and no developments worthy of note had occurred.

- **OHL Construction Canada and Fomento de Construcciones y Contratas Canada Limited Partnership (owned 50% by OHL Canada and 50% by FCC Canada Limited Partnership), (OHL - FCC LLP)**, filed a court claim against the customer -the Toronto Transit Commission (TTC)- at the Ontario courts on 5 May 2014. OHL - FCC LLP claimed an amount estimated at CAD 205.0 million (EUR 138,654 thousand) in this proceeding, which may be modified in the course of the proceeding. TTC filed a defence and counterclaim for CAD 40.7 million (EUR 27,528 thousand). The proceeding is stayed by court order and will resume once OHL - FCC LLP issues to the customer the last invoice arising from the arrangement.

At the date of these consolidated financial statements, the proceeding is still stayed.

- On 7 February 2017, Rizzani de Eccher, SpA, Trevi, SpA and Obrascon Huarte Lain, S.A. initiated an arbitration proceeding to protect an investment against the State of Kuwait at the International

Centre for Settlement of Investment Disputes (ICSID) in relation to the **"Construction, Completion and Maintenance of Roads, Overpasses, Sanitary and Storm Water Drains, as well as other Services for Jamal Abdul Nasser Street"** agreement. OHL holds a 50% ownership interest in the construction joint venture. This arbitration proceeding was initiated under the international treaties for the reciprocal protection of investments entered into by the State of Kuwait with Spain and Italy and as a result of the breach thereof by the State of Kuwait through its obstructive, abusive and arbitrary actions, to the detriment of the foreign investors, in the performance of that agreement. A request for compensation for the losses caused by the State of Kuwait has been submitted to the tribunal.

A group of external consultants has been engaged to assess the economic compensation to which the claimants are entitled. The definitive outcome of this assessment will become known in the phase to submit and take evidence of the arbitration. The tribunal rejected the injunctive measures requested by the parties.

- On 12 May 2017, **Judlau Contracting Inc.** (a US company fully owned by Obrascon Huarte Lain, S.A. through OHL USA Inc.) received a statement of claim from Welsbach Electric Corp. claiming from Judlau Contracting Inc. an amount initially estimated at USD 39.7 million (EUR 34,827 thousand). Welsbach Electric Corp. brought this claim as subcontractor of Judlau Contracting Inc. in the **"Construction of Part of Second Avenue Subway Route 132ª 72nd Street Station, Finishes, Mechanical, Electrical and Plumbing Systems, Ancillary Buildings and Entrances in the Borough of Manhattan "B" Division"** project. The litigation is being conducted at the courts of the city of New York (US).

- On 13 December 2017, Samsung C&T Corporation, Obrascon Huarte Lain, S.A. and Qatar Building Company filed a request for arbitration at the International Chamber of Commerce against Qatar Railways Company. The claim arose from the **"Design & Build Package 5 - Major Stations - Doha Metro Project"** agreement. OHL holds a 30% ownership interest in the construction joint venture. The joint venture claims an amount initially estimated at QAR 1,500 million (EUR 341.0 million).

Industrial

- **Cogeneración Complejo Pajaritos, SAPI de CV (SAPI)**, a company 50% owned by OHL Industrial, S.L.U. and Sener Ingeniería y Sistemas, S.A. de C.V., filed at the International Chamber of Commerce (ICC) in Mexico, a request for arbitration against **CYDSA S.A.B de C.V (CYDSA)** in relation to the performance of the **Coatzacoalcos II combined heat and power plant** project. The defendant, in turn, submitted an initial counterclaim. Once the respective lists of claims had been submitted by the two parties, the amounts claimed were specified. SAPI specified its initial application, requesting confirmation of the legality of the termination of the construction contract and the payment of USD 6.6 million (EUR 5.36 million) for invoices not paid by CYDSA. The latter submitted a counterclaim against SAPI, claiming a total amount of approximately USD 162 million (EUR 130.5 million) for various items.

  These arbitration proceedings are expected to conclude in 2019.

- **OHL Industrial, S.L.U.** filed a claim at the International Chamber of Commerce (ICC) of New York against **Energia Limpia de Guatemala, S.A. (ELGUA)** for a final total of USD 19.8 million (EUR 10.5 million) for costs incurred and a 455-day overrun of the deadline in the **Xacbal Delta Hydroelectric Facility** project, arising from access being blocked by indigenous communities and problems caused by the geological conditions of the land and changes in the location of certain key construction items.

  Also, ELGUA submitted a counterclaim for USD 27.0 million in connection with penalties (EUR 23.7 million).

The resolution of the arbitration proceedings is expected in 2018.

In addition to the aforementioned litigation in which each division is involved, the Group is involved in other minor lawsuits arising from the ordinary course of its operations, none of which are for a significant individual amount.

The Group has recognised sufficient provisions for the purpose of meeting any adverse economic effects that might arise.

The Parent's directors do not expect any significant additional liabilities to arise in connection with the litigation in progress that might affect the consolidated financial statements as at 31 December 2017.

4.6.2.6 OHL México - Investigations

The current status of the various litigation and investigations initiated concerning OHL México, S.A.B de C.V. ("OHL México") and its subsidiaries can be summarised as follows:

1) **Litigation relating to Concesionaria Mexiquense, S.A. de C.V ("ConMex"):** on 20 November 2015, ConMex, as an interested third party, was informed of a claim for protection brought by Tecnología Aplicada Infraiber, S.A. ("Infraiber") against Sistema de Autopistas, Aeropuertos, Servicios Conexos y Auxiliares del Estado de México (SAASCAEM), claiming the invalidity of the Sixth Amendment to the Concession Arrangement and the effectiveness of the provision in Infraiber's favour in the Fifth Amendment thereto.

   Although at the date of these consolidated financial statements no ruling has been handed down in relation to the matters at issue, based on the actions taken in the court proceeding and the legal opinions of its external advisers, the Group considers that no significant effects should arise as a result of the final decision handed down in relation to the litigation initiated, in which the OHL México Group companies are not involved.

   Official internal investigations launched by the Mexican Government (State Comptroller): The State Comptroller is conducting an internal investigation into the activities of SAASCAEM in relation to the awards of certain concessions. Neither OHL México nor its subsidiaries are the subject of the investigation. At the reporting date, the Parent is not aware of whether the aforementioned investigation has officially come to an end. Although the Group cannot foresee the final outcome of this investigation, in which none of the companies that form part of the OHL México Group are involved, it considers that the final outcome thereof should not give rise to adverse economic effects.

2) **Official internal investigations opened by the Secretariat of the Civil Service of the Government of the Republic of Mexico:** the Secretariat of the Mexican Civil Service is conducting an investigation into the Secretariat of Communications and Transport (SCT) in relation to the award procedure and execution of the concession arrangement for the Amozoc-Perote toll road and the Atizapán-Atlacomulco toll road. Neither OHL México nor its subsidiaries are the subject of the investigation.

   Although the Group cannot foresee the final outcome of these investigations, it considers that the final outcome thereof, in which the OHL México Group companies are not involved, should not give rise to adverse economic effects.

3) **Official investigations initiated by the Mexican National Banking and Securities Commission (CNBV):** on 23 October 2015 various official letters were received notifying OHL México, S.A.B de C.V., Organización de Proyectos de Infraestructuras, S.A.P.I. de C.V. (OPI), Concesionaria Mexiquense, S.A. de C.V. and certain employees and former employees thereof of the possible commission of various violations relating mainly to:

- The accounting treatment under IFRSs of guaranteed minimum revenue concession arrangements.
- The lack of information disclosed to the market on the existence of certain deviations in toll road traffic.
- The recognition of certain transactions without adequate supporting information.
- Related party transactions.

As a result of these investigations, the CNBV declared the inexistence of any prosecutable actions pursuant to criminal law, but, since it also declared the existence of certain administrative inaccuracies, imposed penalties of MXN 71.7 million (EUR 3.7 million) on various Mexican subsidiaries in 2016.

On 17 February 2017, a document was submitted to the CNBV informing it of the manner in which the investment in concessions and the return on them would be recognised, taking into account the economic nature thereof and the terms and conditions established in the concession arrangements and the laws applicable thereto, pursuant to IFRIC 12.

On 21 February 2017, the Commission acknowledged receipt of the monitoring document; however, at the reporting date, no additional communication had been issued by the CNBV on this matter.

With respect to the recognition of the guaranteed minimum revenue in the consolidated financial statements of the OHL Group, taking into account all the aforementioned matters (i.e. unqualified auditor's reports by Deloitte, specific reports from the other leading global audit firms concurring with OHL's interpretation, and the response to the CNMV's request), the OHL Group continues to apply the same accounting treatment used in the consolidated financial statements for 2016. This investment forms part of the Group's discontinued operations, which must be taken into consideration when reading the consolidated financial statements.

4.7.- Disclosures on the payment periods to suppliers. Additional Provision Three. "Disclosure obligation" provided for in Law 15/2010, of 5 July.

Law 15/2010, of 5 July, establishes measures for combating late payment in commercial transactions, and the Spanish Accounting and Audit Institute (ICAC) Resolution of 29 January 2016 implements the disclosure obligation provided for in Additional Provision Three of the aforementioned law. This resolution repeals the immediately preceding resolution of 29 December 2010, which was based on the previous wording of Additional Provision Three of Law 15/2010, of 5 July.

The disclosures on the average period of payment, ratios of transactions settled and transactions not yet settled, and total payments made and outstanding at 31 December 2017 and 2016 are as follows:

	Days	
	2017	2016
Average period of payment to suppliers	60	58
Ratio of transactions settled	59	56
Ratio of transactions not yet settled	65	64

	Thousands of euros	
	2017	2016
Total payments made	526,145	608,571
Total payments outstanding	166,117	198,254

The average period of payment excluding transactions with Group companies is calculated as the quotient whose numerator is the sum of the ratio of transactions settled multiplied by the total amount of the payments made plus the sum of the ratio of transactions not yet settled multiplied by the total amount of outstanding payments, and whose denominator is the result of adding the total amount of the payments made to the total amount of the outstanding payments.

The ratio of transactions settled is the sum of the products of the amount of each transaction multiplied by the number of days elapsed until payment, divided by the total amount of the payments made.

The ratio of transactions not yet settled is the sum of the products of the amount of each transaction not yet settled multiplied by the number of days until the last day of the year, divided by the total amount of the aforementioned payments.

The information furnished relates exclusively to the fully consolidated Spanish Group companies.

The companies which, taken separately, slightly exceed the legal limit of the ratio of transactions not yet settled are taking measures to comply therewith.

4.8.- Remuneration of directors and senior executives

Remuneration of the Board of Directors

The remuneration of the Board of Directors is regulated by Article 24 of the bylaws and the Directors' Remuneration Policy approved, as established in Article 529 novodecies of the Spanish Limited Liability Companies Law, by the shareholders at the Annual General Meeting held on 9 May 2017, for 2017 and the following three years and which established annual fixed remuneration for the directors, in their capacity as directors, for attendance at meetings of SIX HUNDRED THOUSAND EUROS (EUR 600,000), with the distribution criteria that the Board of Directors itself approved and which it set for distribution among the independent non-executive directors. In 2017, as in prior years, the non-executive directors did not receive any kind of variable remuneration or benefits. This fixed remuneration is compatible with, and independent from, remuneration, termination benefits, pensions and compensation of any kind received by those members of the Board of Directors as a result of the employment relationship with or the rendering of services to the Parent.

The Board of Directors of the Parent, on this same date, prepared the Annual Report on Directors' Remuneration, as established in Article 541 of the Spanish Limited Liability Companies Law, with an individualised breakdown of all items earned in 2017 by each director. Following is an individualised detail of the remuneration earned by each director in his or her capacity as such in 2017, excluding the remuneration earned for executive functions subsequently disclosed:

	Individual remuneration of the directors in their capacity as directors (in euros)
Juan Villar-Mir de Fuentes (Non-Executive Proprietary)	-
Silvia Villar-Mir de Fuentes (Non-Executive Proprietary)	-
Juan Luis Osuna Gómez (1) (Executive)	-
José Luis Díez García (Non-Executive Independent)	129.000
Mónica de Oriol e Icaza (Non-Executive Independent)	123.000
Reyes Calderón Cuadrado (Non-Executive Independent)	132.000
Manuel Garrido Ruano (Non-Executive Independent)	-
Juan José Nieto Bueso (Non-Executive Independent)	123.000
Juan Antonio Santamera Sánchez (Non-Executive Proprietary)	-
Ignacio Moreno Sánchez (Non-Executive Independent)	93.000
Álvaro Villar-Mir de Fuentes (Non-Executive Proprietary)	-
Javier Goñi del Cacho (Non-Executive Proprietary)	-
Tomás García Madrid (2) (Executive)	-
TOTAL	600.000

(1) Appointed 25 October 2017

(2) Resigned 25 October 2017

In 2017 the executive directors earned total remuneration of EUR 12,365 thousand for the performance of their executive duties (2016: EUR 6,263 thousand), including the amount earned by the then CEO of the Parent until 25 October 2017, Tomás García Madrid, as express economic compensation for post-contractual non-competition amounting to EUR 6,022 thousand, EUR 11 thousand (2016: EUR 12 thousand) for other benefits relating to life insurance policies and EUR 283 thousand in employee welfare plan contributions (2016: EUR 132 thousand).

No advances or loans have been granted to the Board members.

Remuneration of senior executives

The remuneration earned by the Company's senior executives in 2017 -excluding those who are also members of the Board of Directors (whose remuneration is detailed above)- amounted to EUR 8,208 thousand (2016: EUR 4,239 thousand), of which EUR 1,904 thousand correspond to variable remuneration (2016: EUR 1,575 thousand).

No advances or loans have been granted to the Parent's senior executives.

Conflicts of interest

At 31 December 2017, none of the directors had notified the Board of Directors of any direct or indirect conflict of interest that they or persons related to them might have had with respect to the Parent in 2017.

4.9.- Fees paid to auditors

The detail of the fees for financial audit and other services provided by the auditors, or by other companies related to the auditors, of the companies comprising the Group's continuing operations in 2017 and 2016 is as follows:

	Thousands of euros					
	Principal auditor		Other auditors		Total	
	2017	2016	2017	2016	2017	2016
Financial audit services	1,336	1,604	640	1,001	1,976	2,605
Other attest services	222	83	9	18	231	101
Total audit and related services	**1,558**	**1,687**	**649**	**1,019**	**2,207**	**2,706**
Tax counselling services	124	314	43	147	167	461
Other services	656	460	34	32	690	492
Total professional services	**780**	**774**	**77**	**179**	**857**	**953**
Total	2,338	2,461	726	1,198	3,064	3,659

The detail of the fees for financial audit and other services provided by the auditors, or by other companies related to the auditors, of the companies comprising the Group's discontinued operations in 2017 and 2016 is as follows:

	Thousands of euros					
	Principal auditor		Other auditors		Total	
	2017	2016	2017	2016	2017	2016
Financial audit services	690	603	49	30	739	633
Other attest services	109	207	1	-	110	207
Total audit and related services	**799**	**810**	**50**	**30**	**849**	**840**
Tax counselling services	84	122	6	-	90	122
Other services	26	11	-	4	26	15
Total professional services	**110**	**133**	**6**	**4**	**116**	**137**
Total	909	943	56	34	965	977

"Financial Audit Services" includes the fees for professional services performed by the auditor, normally due to regulatory requirements, such as statutory audits, internal control review reports, limited reviews of periodic public information performed at listed companies, etc.

"Other Attest Services" includes the fees for professional services in which some kind of assurance is expressed, but which are not regulated by any mandatory legislation, such as one-off limited reviews, special reports on security placement processes, agreed-upon procedures reports, covenant reports, etc.

"Tax Counselling Services" includes the fees for the provision of services relating to all forms of tax counselling.

"Other Services" includes the fees for the other professional services not included in the above line items which, by nature, are more akin to consultancy or independent third-party services.

5.- EVENTS AFTER THE REPORTING PERIOD

The shareholders at the Extraordinary General Meeting Held on 9 January 2018 resolved to reduce the Parent's share capital by EUR 7,326,425.40 by retiring 12,210,709 treasury shares of EUR 0.60 par value each, representing a total of 4.087% of the share capital. Consequently, following the capital reduction the share capital shall amount to EUR 171,928,973.40, represented by 286,548,289 shares of EUR 0.60 par value each.

The capital reduction approved by the shareholders at the Extraordinary General Meeting was recorded in a public deed and filed at the Madrid Mercantile Registry on 6 February 2018.

The shareholders at the aforementioned Extraordinary General Meeting also resolved to approve the transfer of shares representing all the share capital of OHL Concesiones, S.A.U. to Global Infraco Spain, S.L.U. (a company controlled by IFM Investors Pty Ltd.) in connection with the sale agreement entered into by Obrascón Huarte Lain, S.A., OHL Concesiones, S.A.U. and Global Infraco Spain, S.L.U. on 30 November 2017.

The shareholders also resolved to modify the Parent's Directors' Remuneration Policy in force, bringing it in line with the provisions of Article 529 novodecies of the Spanish Limited Liability Companies Law, and to grant extraordinary remuneration of EUR 18 million to the CEO Juan Osuna Gómez for his work and leadership in the process of selling OHL Concesiones, S.A.U.

6.- EXPLANATION ADDED FOR TRANSLATION TO ENGLISH

These consolidated financial statements are presented on the basis of the regulatory financial reporting framework applicable to the Group in Spain (see Note 2.1.). Certain accounting practices applied by the Group that conform with that regulatory framework may not conform with other generally accepted accounting principles and rules.

APPENDIX I
OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Detail of the most significant companies included in the scope of consolidation at 31 December 2017

Subsidiaries (fully consolidated)

COMPANIES WITH REGISTERED OFFICE IN SPAIN

Concessions (*)

(1) Euroconcesiones, S.L.
(1) Euroglosa 45 Concesionaria de la Comunidad de Madrid, S.A.
(1) Magenta Infraestructuras, S.L.U.
(1) OHL Concesiones, S.A.
(1) OHL Emisiones, S.A.U.
(1) Pachira, S.L.
(1) Terminal de Contenedores de Tenerife, S.A.
(1) Terminal Polivalente Sureste, S.L.
(1) Terminales Marítimas del Sureste, S.A.
(1) Tráfico y Transporte Sistemas, S.A.U.

Construction

(1) Agrupación Guinovart Obras y Servicios Hispania, S.A.
(1) Asfaltos y Construcciones Elsan, S.A.
(1) Construcciones Adolfo Sobrino, S.A.
(1) EyM Instalaciones, S.A.
(1) Obrascón Huarte Lain, Construcción Internacional, S.L.
n/a Posmar Inversiones 2006, S.L.
n/a Puente Logístico Mediterráneo, S.A.
(1) S.A. Trabajos y Obras
(1) Sociedad Concesionaria Aguas de Navarra, S.A.

COMPANIES WITH REGISTERED OFFICE ABROAD

Concessions (*)

(1) 0606 Investments S.a r.l.
(1) Autopista del Norte, S.A.C.
(2) Autopista Rio Magdalena, S.A.S.
(1) Autopista Urbana Norte, S.A. de C.V.
(1) Autovías Concesionadas OHL, S.A. de C.V.
(1) Concesionaria AT - AT, S.A. de C.V.
(1) Concesionaria Mexiquense, S.A. de C.V.
(1) Construcciones Amozoc Perote, S.A. de C.V.
(1) Grupo Autopistas Nacionales, S.A.
(1) Latina México, S.A. de C.V.
(2) OHL Concesiones Argentina, S.A.
(1) OHL Concesiones Chile, S.A.
(2) OHL Concesiones Colombia, S.A.S.
(1) OHL Concesiones Perú, S.A.
n/a OHL Concessoes Brasil Ltda.
n/a OHL Infrastructures, Inc.
(1) OHL Investments, S.A.
(1) OHL México, S.A.B. de C.V.
(1) OHL Toluca, S.A. de C.V.
(1) OPCEM, S.A.P.I. de C.V.
(1) Operaciones Cerro Valparaíso, SpA.
(1) Operaciones Portuarias Valparaíso, SpA.
(1) Operadora Concesionaria Mexiquense, S.A. de C.V.
(1) Operadora de Carreteras, S.A.C.
(1) Organización de Proyectos de Infraestructura, S.A.P.I. de C.V.
(1) Seconmex Administración, S.A. de C.V.
(2) Sociedad Concesionaria Nuevo Camino Nogales - Puchuncaví, S.A.
(1) Sociedad Concesionaria Puente Industrial, S.A.
(1) Terminal Cerros de Valparaíso, S.A.
n/a Tráfico y Transporte Sistemas México, S.A. de C.V.
(1) Viaducto Bicentenario, S.A. de C.V.

Construction

n/a BNS International, Inc.
n/a CAC Varo I, LLC
(2) Community Asphalt Corp.
(2) Construcciones Colombianas OHL, S.A.S.
(1) Constructora de Proyectos Viales de México, S.A. de C.V.
n/a Constructora e Inmobiliaria Huarte Ltda.
(2) Constructora TP, S.A.C.
(2) E y M Arabia, LLC
n/a Empresa Constructora Huarte San José, Ltda.
(1) EYM México Instalaciones, S.A. de C.V.
(2) Judlau Contracting, Inc.
n/a OHL Andina, S.A.
(2) OHL Arabia, LLC
(2) OHL Arellano Construction Company
(1) OHL Austral, S.A.
n/a OHL Brasil S.A.
(2) OHL Building, Inc.
(2) OHL Central Europe, a.s.
(2) OHL Colombia, S.A.S.
n/a OHL Construction Canada, Inc.
(2) OHL Construction India Private Limited
n/a OHL Construction Pacific Pty. Ltd.
n/a OHL Finance, S.à r.l.
(1) OHL Health Montreal (Holding) Inc.
(1) OHL Health Montreal (Partner) Inc.
(1) OHL Ireland Construction and Engineering Limited
(2) OHL Sverige AB
n/a OHL Uruguay, S.A.
(2) OHL USA, Inc.
(2) OHL ZS d.o.o. Banja Luka
n/a OHL ZS MO, S.R.L.
(2) OHL ZS Polska, S.Z.o.o.
(1) OHL ZS, SK.
(1) OHL ZS, a.s.
(1) Premol, S.A. de C.V.
n/a Sawgrass Rock Quarry, Inc.
(1) Sociedad Concesionaria Centro de Justicia de Santiago, S.A.
(1) Sociedad de Obras Civiles e Infraestructuras Viales, S.A. de C.V.
(2) Tomi Remont, a.s.
(2) ZPSV Caňa, a.s.
(2) ZPSV Eood, a.s.
(1) ZPSV, a.s.
(1) ZS Bratislava, a.s.

(1) Audited by the principal auditor
(2) Audited by other auditors
n/a Unaudited company
(*) Discontinued operations

APPENDIX I
OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Detail of the most significant companies included in the scope of consolidation at 31 December 2017

Subsidiaries (fully consolidated)

COMPANIES WITH REGISTERED OFFICE IN SPAIN

Industrial

(1) Catalana de Seguretat i Comunicacións, S.L.
(1) Chemtrol Proyectos y Sistemas, S.L.
n/a Comercial de Materiales de Incendios, S.L.
(1) Ecolaire España, S.A.
(1) OHL Industrial Mining & Cement, S.A.
(1) OHL Industrial, S.L.

Services

n/a Gizatzen, S.A.
(1) OHL Servicios-Ingesan, S.A.U.

Other

(1) Avalora Tecnologías de la Información, S.A.
(2) Marina Urola, S.A.
n/a Tenedora de Participaciones Tecnológicas, S.A.

Development

n/a Obrascon Huarte Lain, Desarrollos, S.L.

COMPANIES WITH REGISTERED OFFICE ABROAD

Industrial

(1) Cogeneración Complejo Pajaritos, S.A.P.I. de C.V.
n/a Consorcio Instalaciones Mecánicas Hospital Dr. Gustavo Fricke SpA
(1) Estación Rebombeo Degollado, S.A.P.I. de C.V.
(1) Hidro Parsifal, S.A. de C.V.
(1) Hidrógeno Cadereyta, S.A.P.I. de C.V.
(1) IEPI México, S.A. de C.V.
(1) OHL Industrial and Partners, LLC
n/a OHL Industrial Brasil, Ltda.
(1) OHL Industrial Chile, S.A.
n/a OHL Industrial Colombia, S.A.S.
(1) OHL Industrial Delegación Guatemala, S.A.
n/a OHL Industrial Honduras S. de R.L.
(2) OHL Industrial Perú, S.A.C.
(1) Sihim Maquinaria de México, S.A. de C.V.

Services

n/a Ingesan Chile, SpA
(1) Ingesan Servicios Administrativos México, S.A. de C.V.
(1) Ingesan Servicios México S.A. de C.V.
(1) Ingesan Servicios Profesionales México, S.A. de C.V.

Other

n/a Elsengrund Bau, GmbH

Development

(1) Constructora Mayaluum Servicios, S.A. de C.V.
(1) Constructora Mayaluum, S.A. de C.V.
(1) Controladora L 4 - 5 Mayakoba, S.A. de C.V.
(1) Desarrollo Vivienda MK1, S.A.P.I. de C.V.
(1) Gastronómica Santa Fé, S.A. de C.V.
(1) Huanbe, S.A. de C.V.
(1) Huanbe Servicios, S.A. de C.V.
(1) La Ceiba en Ciudad de Mayakoba, S.A.P.I. de C.V.
(1) L 6 Hotel Mayakoba, S. de R.L. de C.V.
(1) Lotes 4-5 Hotel Mayakoba, S.A. de C.V.
(1) Manna Mayakoba, S.A. de C.V.
(1) MKB Real Estate, S.A. de C.V.
(1) OHLDM, S.A. de C.V.
(1) Playa 4 - 5 Mayakoba, S.A. de C.V.
(1) Villas de Mayakoba, S.A. de C.V.
(1) Viveros de Mayakoba, S.A. de C.V.

(1) Audited by the principal auditor
(2) Audited by other auditors
n/a Unaudited company

APPENDIX I
OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Detail of the most significant companies included in the scope of consolidation at 31 December 2017

Joint ventures and associates (accounted for using the equity method)

COMPANIES WITH REGISTERED OFFICE IN SPAIN

Concessions (*)

(1) Sestibalsa Alicante, S.A., de Gestión de Estibadores Portuarios

Construction

n/a Navarra Gestión del Agua, S.A.
(1) Nuevo Hospital de Burgos, S.A.
n/a Nuevo Hospital de Toledo, S.A.

Industrial

(1) Arenales Solar PS, S.L.

Other

(2) Nova Dársena Esportiva de Bara, S.A.

Development

n/a Alse Park, S.L.
n/a Espacio-OHLD Proyectos Singulares, S.L.
(1) Proyecto Canalejas Group, S.L.

COMPANIES WITH REGISTERED OFFICE ABROAD

Concessions (*)

(1) Admra. Mexiquense del Aeropuerto Intl. de Toluca, S.A. de C.V.
(1) Constructora Libramiento Elevado de Puebla, S.A. de C.V.
(1) Controladora Vía Rápida Poetas, S.A.P.I. de C.V.
(1) Coordinadora Vía Rápida Poniente, S.A.P.I. de C.V.
(1) Libramiento Elevado de Puebla, S.A. de C.V.
(2) Operadora AVO, S.A.
(1) Operadora Libramiento Elevado Puebla, S.A. de C.V.
(1) Operadora Vía Rápida Poetas, S.A.P.I. de C.V.
(1) Prestadora de Servicios Vía Rápida Poniente, S.A.P.I. de C.V.
(1) Servicios Administrativos Mexiquenses del Aeropuerto Internacional de
(2) Sociedad Concesionaria Vespucio Oriente, S.A.

Construction

(2) Health Montreal Collective CJV L.P.
(1) Health Montreal Collective Limited Partnership
(2) Obalovna Boskovice, s.r.o.
n/a OHL Construction Canada and FCC Canada Limited Partnership
n/a OHL-FCC North Tunnels Canada INC
n/a Prestadora de Servicios PLSV, S.A. de C.V.
n/a Servicios Administrativos TMT, S.A. de C.V.

Industrial

(1) Proyecto CCC Empalme I, S.A.P.I. de C.V.
(2) Refinería Madero Tamaulipas, S.A.P.I. de C.V.

Other

Development

n/a 57 Whitehall Holdings Limited
n/a 57 Whitehall Holdings S.A.R.L.
(1) FHP Villas Lote 2, S.A. de C.V.
(1) Fideicomiso Desarrollo OV CIB/2185
(1) Novaterra Caribe, S.A.P.I. de C.V.
n/a Westminster Development Services Limited

APPENDIX II
OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Identification of the most significant companies composing the consolidated Group at 31 December 2017

COMPANY	REGISTERED OFFICE	MAIN LINE OF BUSINESS
Concessions (*)		
0606 Investments S.a.r.l.	15, Rue Edward Steichen, L-2540, Luxembourg	Issue of shares and of debt instruments of any kind
Admira Mexiquense del Aeropuerto Intl. de Toluca, S.A. de C.V.	Aeropuerto Internacional Ciudad de Toluca, C.P. 50226 San Pedro Totoltepec, Estado de México, Mexico	Construction and operation of Toluca Airport (Mexico)
Autopista del Norte, S.A.C.	Avda. 28 de Julio, no. 150 (Piso 4 oficina 401) Lima- Lima, Miraflores	Road construction and operation
Autopista Rio Magdalena, S.A.S.	C/CR17 93 09 OF 703 704, Bogotá D.C. Colombia	Toll road concession, Magdalena River, Colombia
Autopista Urbana Norte, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Road construction and operation
Autovías Concesionadas OHL, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Road construction and operation
Concesionaria AT - AT, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Road construction, operation and maintenance in Mexico
Concesionaria Mexiquense, S.A. de C.V.	Autopista Circuito Exterior Mexiquense Km 39 Caseta T-2, Col. San Cristóbal, 55024 Ecatepec de Morelos, Mexico	Concession and operation of the Mexico City outer ring road
Construcciones Amozoc Perote, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Road construction, operation and maintenance in Mexico
Constructora Libramiento Elevado de Puebla, S.A. de C.V.	Lateral de la autopista México-Toluca no. 1235, Piso 3, oficina 302, Colonia Santa Fe Cuajimalpa, Delegación Cuajimalpa,	Road maintenance and repair
Controladora Vía Rápida Poetas, S.A.P.I. de C.V.	Avda. Santa Fe 495, Piso 8, Cruz Manca, Mexico City 05349	Road construction and operation
Coordinadora Vía Rápida Poniente, S.A.P.I. de C.V.	Avda. Santa Fe 495, Piso 8, Cruz Manca, Mexico City 05349	Road maintenance and repair
Euroconcesiones, S.L.	Torre Espacio, Pª de la Castellana no. 259 D (28046 Madrid)	Operation of concessions
Euroglosa 45 Concesionaria de la Comunidad de Madrid, S.A.	Torre Espacio, Pª de la Castellana no. 259 D (28046 Madrid)	Concession and operation of M-45 road (Madrid)
Grupo Autopistas Nacionales, S.A.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Road construction, operation and maintenance in Mexico
Latina México S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Road maintenance and repair
Libramiento Elevado de Puebla, S.A. de C.V.	Lateral de la autopista México-Toluca no. 1235, Piso 3, oficina 302, Colonia Santa Fe Cuajimalpa, Delegación Cuajimalpa,	Road construction, operation and maintenance in Mexico
Magenta Infraestructura, S.L.	Torre Espacio, Pª de la Castellana no. 259 D (28046 Madrid)	Operation of concessions
OHL Concesiones Argentina, S.A.	CL/ Avenida Córdoba 632 - Piso 7, C1054AA5, Ciudad Autónoma Buenos Aires	Operation of concessions
OHL Concesiones Chile, S.A.	C/ Cerro El Plomo, no. 5855 Piso 16, Las Condes Oficina 1607 y 1608 (Santiago de Chile)	Operation of concessions
OHL Concesiones Colombia, S.A.S.	C/CR17 93 09 OF 703 704, Bogotá D.C. Colombia	Operation of concessions
OHL Concesiones Perú, S.A.	Avda. 28 de Julio, no. 150 (Piso 4 oficina 401) Lima- Lima, Miraflores	Operation of concessions
OHL Concesiones, S.A.	Torre Espacio, Pª de la Castellana no. 259 D (28046 Madrid)	Operation of concessions
OHL Concessoes Brasil Ltda	Avda. Angélica 2.491, Planta 19, Conj. 192.01227-200 São Paulo	Operation of concessions
OHL Emisiones, S.A.	Torre Espacio, Pª de la Castellana no. 259 D (28046 Madrid)	Issue of shares and of debt instruments of any kind
OHL Infrastructuras, Inc.	555 Theodore Fremd Ave, Suite B 201 RYE, 10580 New York	Financial studies
OHL Investments, S.A.	15, Rue Edward Steichen, L-2540, Luxembourg	Issue of shares and of debt instruments of any kind
OHL México, S.A.B. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 22, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Operation of concessions
OHL Toluca, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Operation of concessions
OPCEM, S.A.P.I. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Operation of concessions
Operaciones Cerro Valparaíso, SpA	CL/ Avenida Errazuriz 755 Oficina708-B, Valparaíso, Chile	Operation of concessions
Operaciones Portuarias Valparaíso, SpA	Avda. Errazuriz 755 Oficina 708-B, Valparaíso, Chile	Operation of concessions
Operadora AVO, S.A.	C/ Presidente Riesco no. 5711, OF. 802, Las Condes, 001 Santiago de Chile	Operation of concessions
Operadora Concesionaria Mexiquense, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Operation of concessions
Operadora de Carreteras, S.A.C.	Avda. del Pacífico no. 360 Urb. Buenos Aires Ancash - Santa - Nuevo Chimbote, Perú	Operation of concessions
Operadora Libramiento Elevado Puebla, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Operation of concessions
Operadora Vía Rápida Poetas, S.A.P.I. de C.V.	Avda. Santa Fe 495, Piso 8, Cruz Manca, Mexico City 05349	Operation of concessions
Organización de Proyectos de Infraestructura, S.A.P.I. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Operation of concessions
Pachira, S.L.	Torre Espacio, Pª de la Castellana no. 259 D (28046 Madrid)	Operation of concessions
Prestadora de Servicios Vía Rápida Poniente, S.A.P.I. de C.V.	Avda. Santa Fe 495, Piso 8, Cruz Manca, Mexico City 05349	Operation of concessions
Seconmex Administración, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Operation of concessions
Sestibalsa Alicante, S.A., de Gestión de Estibadores Portuarios	C/ Muelle de Poniente, 11, 03003 Alicante	Operation of ports and canals
Sociedad Concesionaria Nuevo Camino Nogales - Puchuncaví, S.A.	C/ Cerro El Plomo, no. 5855 Oficina 1607,001, Las Condes (Santiago de Chile)	Operation of concessions
Sociedad Concesionaria Puente Industrial, S.A.	C/ Cerro El Plomo, no. 5855 Piso 16, Las Condes Oficina 1607 y 1608 (Santiago de Chile)	Construction and operation of toll road in Chile
Sociedad Concesionaria Vespucio Oriente, S.A.	C/ Presidente Riesco no. 5711, OF. 802, Las Condes, 001 Santiago de Chile	Operation of concessions
Terminal Cerros de Valparaíso, S.A.	Avda. Errazuriz 755 Oficina 708-B, Valparaíso, Chile	Operation of concessions
Terminal de Contenedores de Tenerife, S.A.	Nueva Terminal del Dique del Este Vía de Servicio, s/n 38180, S.C.T.	Loading and unloading of vessels
Terminal Polivalente Suroeste, S.L.	Avd Prolongación Sur Puerto de Alicante, muelle 23 (Buzón 41) 03008 Alicante	Port terminal operation
Terminales Marítimas del Suroeste, S.A.	Avd Prolongación Sur Puerto de Alicante, muelle 23 (Buzón 41) 03008 Alicante	Port terminal operation
Tráfico y Transporte Sistemas, S.A.U.	Torre Espacio, Pª de la Castellana no. 259 D (28046 Madrid)	Research and development of new technologies
Viaducto Bicentenario, S.A. de C.V.	C/ 4 no. 25, Local 2 and C, Col Industrial Alce Blanco Municipio Naucalpan de Juárez, 53370	Road construction and operation

(*) Discontinued Operations

APPENDIX II
OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Identification of the most significant companies composing the consolidated Group at 31 December 2017

COMPANY	REGISTERED OFFICE	MAIN LINE OF BUSINESS
Construction		
Agrupación Guinovart Obras y Servicios Hispania, S.A.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Construction
Asfaltos y Construcciones Elsan, S.A.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Infrastructure and urban services
BNS International, Inc.	9675 N.W. 117 th Avenue, Suite 108, Miami, FL, 33178 US	Construction
CAC Vero I, LLC	9675 N.W. 117 th Avenue, Suite 108, Miami, FL, 33178 US	Construction
Community Asphalt Corp.	9675 N.W. 117 th Avenue, Suite 108, Miami, FL, 33178 US	Construction
Consorcio Conpax OHL-VALKO, S.A.	Palacio Riesco No. 4583, Comuna De Huechuraba, Santiago de Chile	Construction
Construcciones Adolfo Sobrino, S.A.	Gran Vía de Don Diego López de Haro, 33 - 4º 48009 Bilbao	Construction
Construcciones Colombianas OHL, S.A.S.	Cra. 17 No. 93-09 Piso 8 Edificio Ecotower (Colombia)	Construction
Constructora de Proyectos Viales de México, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 22, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Construction
Constructora e Inmobiliaria Huarte Ltda.	C/ Cerro El Plomo, no. 5855 Piso 15. Las Condes (Santiago de Chile)	Construction
Constructora TP, S.A.C.	Av. 28 de Julio, no. 150, piso 7. Miraflores - Lima, Peru	Construction
E y M Arabia, LLC	Sultan Road (North) // Ahmed Al-Hamoody St (Al Naeem District 4) - Building 8, 4th floor - Jeddah, Saudi Arabia	Construction
Empresa Constructora Huarte San José Ltda.	C/ Cerro El Plomo, no. 5855 Piso 15. Las Condes (Santiago de Chile)	Construction
EyM Instalaciones, S.A.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Construction
EYM México Instalaciones, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 25, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Construction
Health Montreal Collective CJV L.P.	810 St-Antoine str East, Montreal, H2Y 1A6, Quebec, Canada	Construction
Health Montreal Collective Limited Partnership	1440 St Catherine West, Suite 500 Montreal, Quebec H3G1R8	Construction
Judlau Contracting, Inc.	26-15 Ulmer Street, College Point, NY 11354	Construction
Navarra Gestión del Agua, S.A.	Camino Labiano, no. 45, 1º derecha (31192 - Mutilva) Navarra	Construction
Nuevo Hospital de Burgos, S.A.	C/ Islas Baleares, s/n 09006 Burgos	Construction and operation of new Burgos hospital
Nuevo Hospital de Toledo, S.A.	Avda. de Europa 24 Bajo 45003 Toledo	Construction
Obalovna Boskovice, s.r.o.	Rovná 2146, 680 01 Boskovice, Brno	Construction
Obrascón Huarte Lain, Construcción Internacional, S.L.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Construction and operation
OHL Andina, S.A.	C/ Cerro El Plomo, no. 5855 Piso 15. Las Condes (Santiago de Chile)	Construction
OHL Arabia, LLC	Jameel Squre - Tahlia, Po Box 8909 - Jeddah 23326 (Saudi Arabia)	Construction and maintenance
OHL Arellano Construction Company	7051 S.W. 12 th Street, Miami, FL 33144, US	Construction
OHL Austral, S.A.	C/ Cerro El Plomo, no. 5855 Piso 15. Las Condes (Santiago de Chile)	Construction
OHL Brasil, S.A.	Rua Tabapuã, 1.123 - 16º Andar, Brazil	Construction
OHL Building, Inc.	7051 S.W. 12 th Street, Miami, FL 33144, US	Construction
OHL Central Europe, a.s.	C/ Olsanska, 2643/1A, 130 80 (Prague - Czech Republic)	Construction
OHL Colombia, S.A.S.	Cra. 17 no. 93-09 Piso 8, Bogotá (Colombia)	Construction
OHL Construction Canada and FCC Canada Limited Partnership	5945 Airport Road, N.144, Mississagua, Ontario, L4V1R9	Construction
OHL Construction Canada, Inc.	1440 Ste Catherine Quest, Suite 410, Montreal, Quebec H3G1RS	Construction
OHL Construction India Private Limited	Unit 701, 7th Floor, Tower 4A, DLF Corporate Park, DLF Phase 3, Gurgaon 122010, Haryana, India	Construction
OHL Construction Pacific Pty. Ltd.	Level 21, 110 Mary Street - Brisbane QLD 4000, Australia	Construction
OHL Finance, S.à.r.l.	14 rue Edward Steichen, L - 2540, Luxembourg	Management
OHL Health Montreal (Holding) Inc.	1440 St Catherine West, Suite 500 Montreal, Quebec H3G1R8	Construction
OHL Health Montreal (Partner) Inc.	1440 St Catherine West, Suite 500 Montreal, Quebec H3G1R8	Construction
OHL Ireland Construction and Engineering Limited	88 Harcourt Street, Dublin 2, D02 DK18, Ireland	Construction
OHL Sverige AB	C/O Baker & Mckenzie Advokatbyra KB BOX 180 101 23, Stockholm, Sweden	Construction
OHL Uruguay, S.A.	Edificio Argela, calle Rio Negro, 1354, piso 3, escritorio 16 Montevideo 11105, Uruguay	Construction
OHL USA, Inc.	26-15 Ulmer Street, College Point, NY 11354	Construction
OHL ZS MO, S.R.L.	65, Stefan cel Mare blvd, of 806, Chisnau, MD-2012, Moldova	Construction
OHL ZS Polska, S.p. z.o.o.	UL. Tarnogajska 11/13, 50-512 Wroclaw	Construction
OHL ZS, a.s.	Burešova 938/17, Veveří, 602 00, Brno	Construction
OHL-FCC North Tunnels Canada INC.	5945 Airport Road, N.144, Mississagua, Ontario, L4V1R9	Construction
Posmar Inversiones 2008, S.L.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Construction
Premol, S.A. de C.V.	Avda. Paseo de la Reforma, no. 222, Piso 22, Colonia Juárez, Delegación Cuauhtémoc, Mexico City 06600	Construction
Puente Logístico Mediterráneo, S.A.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Construction
S.A. Trabajos y Obras	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Construction

APPENDIX II
OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Identification of the most significant companies composing the consolidated Group at 31 December 2017

COMPANY	REGISTERED OFFICE	MAIN LINE OF BUSINESS
Sawgrass Rock Quarry, Inc.	9675 N W 117 th Avenue, Suite 108, Miami, FL, 33178 US	Construction
Servicios Administrativos TMT, S.A. de C.V	Avda. Paseo de la Reforma no 383, Piso 8, Colonia Cuahtemoc, Delegación Cuauhtemoc, Mexico City 06500	Construction
Sociedad Concesionaria Aguas de Navarra, S.A.	Camino Labiano, no. 45, 1º derecha (31 192 - Mutilva) Navarra	Operation of concessions
Sociedad Concesionaria Centro de Justicia de Santiago S.A	Av Manuel Rodriguez Sur 2281, Santiago de Chile	Construction
Sociedad de Obras Civiles e Infraestructuras Viales, S.A. de C.V	Avda. Paseo de la Reforma, no. 222, Piso 22, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Construction
Tomi Remont, a.s.	C/ Premyslovka c.p. 2514/4, PSC 796 01 (Prostejov - Czech Republic)	Construction
ZPSV Caña, a.s.	C/ Oslobodzefov 127, 044 14 (Caña - Slovak Republic)	Construction
ZPSV Eood, a.s.	9000 Varna, 45 "Al.Dyakovich" Str. Office No 40, Bulgaria	Construction
ZPSV, a.s.	C/ Trebizskeho 207, 687 24 (Uhersky Ostroh - Czech Republic)	Construction
ZS Bratislava, a.s.	Tuhovska 29 (Bratislava - Slovak Republic)	Construction
Industrial		
Arenales Solar PS, S.L.	Torre Espacio, Pº de la Castellana no 259 D (28046 Madrid)	Construction and operation of a fossil-fuel power plant
Catalana de Seguretat i Comunicacions, S.L.	C/ Laurea Miro 401, nave 8, Sant Feliu de Llobregat	Installation and maintenance of security and fire safety systems
Chemtrol Proyectos y Sistemas, S.L.	C/ Arturo Soria 343 (28033 Madrid)	Installation and maintenance of security and fire safety systems
Cogeneración Complejo Pajaritos, S.A.P.I. de C.V.	Hamburgo 213, Piso 7, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Industrial engineering and maintenance at industrial plants
Comercial de Materiales de Incendios, S.L.	Pg. EL Rincón Nave 44-45, 21007 Huelva	Installation and maintenance of security and fire safety systems
Consorcio Instalaciones Mecánicas Hospital Dr. Gustavo Fricke SpA	Los Militares 6191, Piso 8, Las Condes, Santiago de Chile, Chile	Execution of HVAC projects
Ecolaire España, S.A.	C/ Arturo Soria 343 (28033 Madrid)	Design and performance of industrial engineering projects
Estación Rebombeo Degollado, S.A.P.I. de C.V.	Hamburgo 213, Piso 7, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Industrial engineering for a repumping station
Hidro Parsifal, S.A. de C.V.	Hamburgo 213, Piso 7, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Civil engineering construction
Hidrógeno Cadereyta, S.A.P.I. de C.V.	Hamburgo 213, Piso 7, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Civil engineering construction
IEPI México, S.A. de C.V.	Hamburgo 213, Piso 7, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Industrial engineering and maintenance at industrial plants
OHL Industrial and Partners, LLC	Muscat, Governorate Muscat 112	Industrial engineering and maintenance at industrial plants
OHL Industrial Brasil, Ltda	Rua Joel Jorge de Melo, 713 - Sala 4 Itaim Bibi, CEP 04128-081, São Paulo, SP, Brazil	Industrial engineering and maintenance at industrial plants
OHL Industrial Chile, S.A.	Los Militares 6191, Piso 8, Las Condes, Santiago de Chile, Chile	Engineering works, technical advisory services, water treatment and
OHL Industrial Colombia, S.A.S.	Cra 17 No. 93-09 Oficina 702, Edificio Ecotower	Industrial engineering and maintenance at industrial plants
OHL Industrial Delegación Guatemala, S.A.	13 Calle 3-40 zona 10 Edificio Atlantis nivel 13, oficina 1304	Industrial engineering and maintenance at industrial plants
OHL Industrial Mining & Cement, S.A.	C/ Arturo Soria 343 (28033 Madrid)	Industrial engineering and maintenance at industrial plants
OHL Industrial Peru, S.A.C.	Av. 28 de Julio, no. 150, piso 8, Miraflores - Lima, Peru	Construction of industrial plants in the mining and cement, oil and
OHL Industrial, S.L.	Torre Espacio, Pº de la Castellana no 259 D (28046 Madrid)	Industrial engineering and maintenance at industrial plants
Proyecto CCC Empalme I, S.A.P.I. de C.V.	Hamburgo 213, Piso 7, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Development of a fossil-fuel power plant
Refinería Madero Tamaulipas, S.A.P.I. de C.V.	Juan Racine No. 112, Piso 10, Colonia Los Morales, Delegación Miguel Hidalgo, Mexico City C.P. 11510	Industrial engineering for a refinery
Sthim Maquinaria de México, S.A. de C.V.	Hamburgo 213, Piso 7, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06600	Administration consultancy services
Services		
Gestzen, S.A.	C/Gran Vía Don Diego López de Haro, no 33 5º 48009 Bilbao (Bizkaia)	Building maintenance and upkeep
Ingesan Chile, SpA	C/ Rosario Norte no 100, Dpto. 604 - Las Condes, Santiago de Chile, Chile	Building maintenance and upkeep
Ingesan Servicios México S.A. de C.V.	Hamburgo 213, Piso 9, Colonia Juárez, Delegación Cuauhtemoc, Mexico City 06601	Building maintenance and upkeep
OHL Servicios-Ingesan, S.A.U.	Torre Espacio, Pº de la Castellana no 259 D (28046 Madrid)	Building maintenance and upkeep

APPENDIX II
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Identification of the most significant companies composing the consolidated Group at 31 December 2017

COMPANY	REGISTERED OFFICE	MAIN LINE OF BUSINESS
Other		
Avalora Tecnologías de la Información, S.A.	Torre Espacio, Pº de la Castellana no. 259 D, planta 7, (28046 Madrid)	New technologies
Marina Urola, S.A.	Barrio Santiago - Puerto deportivo - (Zumaia - Guipúzcoa)	Concession and operation of marina, Zumaia (Guipuzcoa)
Nova Dársena Esportiva de Bara, S.A.	C/ Puerto deportivo Roda de Barà Edificio Capitanía, Bajos Pº Marítimo s/n. 43883 Roda de Bara. Tarragona	Port concession and operation
Tenedora de Participaciones Tecnológicas, S.A.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	New technologies
Development		
57 Whitehall Holdings S.A.R.L.	20 Avenue Marie - Therese 2132 Luxembourg - Luxembourg	Operation, upkeep and maintenance of car parks
ALSE Park, S.L.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Operation of hotels and leisure centres
Altos de Ciudad Mayakoba, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operation of hotels and leisure centres
Constructora Mayakuum, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Real estate project development services
Controladora L 4 - 5 Mayakoba, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Real estate project development
Desarrollo Vivienda MK1, S.A.P.I. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Construction of housing
Espacio - OHLD Proyectos Singulares, S.L.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operation of hotels and leisure centres
FHP Villas Lote 2, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operation of hotels and leisure centres
Fideicomiso Desarrollo OV CIB/2185	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Construction of housing
Gastronómica Santa Fé, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operating of shopping and leisure centres
Huanbe Servicios, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Real estate project development services
Huanbe, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Real estate project development services
L6 Hotel Mayakoba, S.R.L. de C.V.	Carretera Federal Chetumal-Puerto Juárez KM 298 Ent. Hotel Capitán Lafitte Playa del Carmen Solidandad CP 77712	Operation of hotels and leisure centres
La Ceiba DCM, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77711	Real estate project development
La Ceiba en Ciudad de Mayakoba, S.A.P.I. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Real estate project development
Lotes 4-5 Hotel Mayakoba, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operation of hotels and leisure centres
Marina Mayakoba, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operation of hotels and leisure centres
Mayakoba Country Club, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77712	Real estate project development
MKB Real Estate, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operation of hotels and leisure centres
Novaterra Caribe, S.A.P.I. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Real estate project development
Obrascón Huarte Lain, Desarrollos, S.L.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Real estate project development services
Playa 4 - 5 Mayakoba, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operation of hotels and leisure centres
Proyecto Canalejas Group, S.L.	Torre Espacio, Pº de la Castellana no. 259 D (28046 Madrid)	Operation of hotels and leisure centres
Villas de Mayakoba, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Operation of hotels and leisure centres
Viveros de Mayakoba, S.A. de C.V.	Carretera Federal Chetumal-Puerto Juárez Km. 298, Playa del Carmen, Solidandad, Quintana Roo, Mexico C.P. 77710	Construction of single-family housing
Westminster Development Services Limited	33 St. James's Square, London Executive Offices, Eo M.05 London SW1Y 4JS	Growing of indigenous plants and reforestation services

APPENDIX III

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Detail of the equity and the net cost of the investment in the main companies composing the consolidated Group at 31 December 2017

Thousands of euros

COMPANY	Ownership interest			Share capital	Uncalled capital payments payable	Reserves	Profit (Loss) for 2017	Interim dividend	Total shareholders' equity	Valuation adjustments	Total equity	Participating loans	Total equity + participating loans	Underlying carrying amount	Net cost of the investment
	Direct	Indirect	Total												
Fully consolidated companies															
Agrupación Guinovart Obras y Servicios Hispania, S.A.	100.00	-	100.00	30,050	-	72,501	4,225	-	106,776	-	106,776	-	106,776	106,776	89,056
Asfaltos y Construcciones Elsan, S.A.	100.00	-	100.00	7,603	-	(322)	1,265	-	8,546	-	8,546	5,000	13,546	13,546	13,940
Avalora Tecnologías de la Información, S.A.	-	100.00	100.00	455	-	6,312	31	-	6,798	-	6,798	-	6,798	6,798	12,407
BNS International, Inc.	-	100.00	100.00	3	-	(1,070)	(350)	-	(1,417)	-	(1,417)	-	(1,417)	(1,417)	-
CAC Varo I, LLC	-	100.00	100.00	2,918	-	534	64	-	3,516	-	3,516	-	3,516	3,516	2,918
Catalana de Seguretat i Comunicacions, S.L.	-	100.00	100.00	180	-	(7,252)	(6,277)	-	(13,349)	-	(13,349)	14,500	1,151	1,151	721
Chemtrol Proyectos y Sistemas, S.L.	-	100.00	100.00	830	-	(4,359)	(6,718)	-	(10,447)	-	(10,447)	11,000	553	553	180
Cogeneración Complejo Pajaritos, S.A.P.I. de C.V.	-	50.00	50.00	6	-	(3,439)	4,333	-	900	-	900	-	900	450	4
Comercial de Materiales de Incendios, S.L.	-	100.00	100.00	161	-	(2,406)	(644)	-	(3,089)	-	(3,089)	3,350	261	261	196
Community Asphalt Corp.	6.50	93.50	100.00	2	-	52,341	(2,157)	-	50,186	-	50,186	-	50,186	50,186	154,332
Consorcio Instalaciones Mecánicas Hospital Dr. Gustavo Fricke SpA	-	100.00	100.00	1	-	114	(1,440)	-	(1,325)	-	(1,325)	-	(1,325)	(1,325)	1
Construcciones Adolfo Sobrino, S.A.	100.00	-	100.00	1,520	-	11,894	1,819	-	15,233	-	15,233	-	15,233	15,233	18,641
Construcciones Colombianas OHL, S.A.S.	30.00	70.00	100.00	79	-	2,042	4,015	-	6,136	-	6,136	-	6,136	6,136	104
Constructora de Proyectos Viales de México, S.A. de C.V.	-	100.00	100.00	2,115	-	103,487	12,946	-	118,548	-	118,548	-	118,548	118,548	4,453
Constructora e Inmobiliaria Huarte Ltda.	89.90	10.10	100.00	705	-	(173)	(27)	-	505	-	505	-	505	505	999
Constructora Mayakuum Servicios, S.A. de C.V.	-	100.00	100.00	2	-	61	(16)	-	47	-	47	-	47	47	15
Constructora Mayakuum, S.A. de C.V.	-	100.00	100.00	3,457	-	391	24	-	3,872	-	3,872	-	3,872	3,872	3,050
Constructora TP, S.A.C.	-	100.00	100.00	2,575	-	126	353	-	3,054	-	3,054	-	3,054	3,054	5,359
Controladora L 4 - 5 Mayakoba, S.A. de C.V.	-	100.00	100.00	4,834	-	(28)	(4)	-	4,802	-	4,802	-	4,802	4,802	729
Desarrollo Vivienda MK1, S.A.P.I. de C.V.	-	100.00	100.00	7,195	-	(486)	(663)	-	5,846	-	5,846	-	5,846	5,846	13,017
E y M Arabia, LLC	-	100.00	100.00	111	-	18,008	2,110	-	20,227	-	20,227	-	20,227	20,227	102
Ecolaire España, S.A.	-	100.00	100.00	905	-	(20,286)	(626)	-	(20,017)	-	(20,017)	22,000	1,983	1,983	1,753
Empresa Constructora Huarte San José Ltda.	95.00	5.00	100.00	18	(17)	217	(1)	-	217	-	217	-	217	217	12
Estación Rebombeo Degollado, S.A.P.I. de C.V.	-	50.00	50.00	-	-	(2,134)	142	-	(1,992)	-	(1,992)	-	(1,992)	(996)	-
EyM Instalaciones, S.A.	-	100.00	100.00	601	-	5,080	(1,604)	-	4,077	-	4,077	-	4,077	4,077	4,490
EYM México Instalaciones, S.A. de C.V.	-	100.00	100.00	13	-	(59)	346	-	300	-	300	-	300	300	14
Gastronomica Santa Fé, S.A. de C.V.	-	100.00	100.00	4,664	-	1,207	(313)	-	5,558	-	5,558	-	5,558	5,558	3,388
Gaztzen, S.A.	-	100.00	100.00	60	(45)	-	-	-	15	-	15	-	15	15	15
Hidro Parsifal, S.A. de C.V.	-	79.66	79.66	33	-	(4,080)	(280)	-	(4,327)	-	(4,327)	-	(4,327)	(3,447)	-
Hidrógeno Cadereyta, S.A.P.I. de C.V.	-	53.90	53.90	-	-	1,645	(344)	-	1,301	-	1,301	-	1,301	701	-
Huarbe, S.A. de C.V.	-	100.00	100.00	83,989	-	(39,412)	(256)	-	24,321	-	24,321	-	24,321	24,321	34,906
Huarbe Servicios, S.A. de C.V.	-	100.00	100.00	2	-	490	585	-	1,077	-	1,077	-	1,077	1,077	854
IEPI México, S.A. de C.V.	-	100.00	100.00	968	-	7,073	(335)	-	7,706	-	7,706	-	7,706	7,706	1,300
Ingesan Servicios México S.A. de C.V.	-	100.00	100.00	120	-	(567)	(800)	-	(1,267)	-	(1,267)	-	(1,267)	(1,267)	132
Josefa Valcárcel 42, S.A.	100.00	-	100.00	89	-	(983)	-	-	(894)	-	(894)	962	68	68	320
Judau Contracting, Inc.	-	100.00	100.00	22	-	86,000	9,546	-	97,628	-	97,628	-	97,628	97,628	152,109
L 6 Hotel Mayakoba, S. de R.L. de C.V.	30.35	69.65	100.00	25,884	-	(20,984)	(74)	-	4,826	-	4,826	-	4,826	4,826	7,991
Lotes 4-5 Hotel Mayakoba, S.A. de C.V.	-	100.00	100.00	3,905	-	(8,592)	92	-	(5,495)	-	(5,495)	-	(5,495)	(5,495)	3,005
Marina Mayakoba, S.A. de C.V.	-	100.00	100.00	729	-	(133)	65	-	661	-	661	-	661	661	628
Marina Urola, S.A.	25.50	25.50	51.00	503	-	716	(14)	-	1,205	-	1,205	-	1,205	615	450
MKB Real Estate, S.A. de C.V.	-	100.00	100.00	472	-	181	216	-	849	-	849	-	849	849	1,455
Obrascón Huarte Lain, Construcción Internacional, S.L.	100.00	-	100.00	41,830	-	(6,982)	(63,226)	-	(28,378)	-	(28,378)	-	(28,378)	(28,378)	134,895
Obrascón Huarte Lain, Desarrollos, S.L.	100.00	-	100.00	80,334	-	227,980	(45,115)	-	263,199	-	263,199	-	263,199	263,199	379,136
OHL Andina, S.A.	99.00	1.00	100.00	3,153	-	22,040	(1,696)	-	23,497	-	23,497	-	23,497	23,497	3,286
OHL Arabia, LLC	95.00	5.00	100.00	111	-	25,083	(7,817)	-	17,377	-	17,377	-	17,377	17,377	105
OHL Arellano Construction Company	-	100.00	100.00	1	-	10,877	(1,809)	-	9,169	-	9,169	-	9,169	9,169	57,827
OHL Austral, S.A.	-	100.00	100.00	14,016	-	(208)	12,032	-	25,842	-	25,842	-	25,842	25,842	5,450
OHL Brasil, S.A.	1.00	99.00	100.00	325	-	(200)	(8)	-	117	-	117	-	117	117	117
OHL Building, Inc.	-	100.00	100.00	1	-	13,835	(10,549)	-	3,287	-	3,287	-	3,287	3,287	43,988
OHL Central Europe, a.s.	-	100.00	100.00	19,618	-	145,185	(119,455)	-	45,349	-	45,349	-	45,349	45,349	78,602
OHL Colombia, S.A.S.	-	100.00	100.00	104	-	629	(2,217)	-	(1,484)	-	(1,484)	-	(1,484)	(1,484)	10,537
OHL Construction Canada, Inc.		100.00	100.00	31,122	-	(17,211)	(28,372)	-	(14,461)	-	(14,461)	-	(14,461)	(14,461)	32,565

APPENDIX III

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Detail of the equity and the net cost of the investment in the main companies composing the consolidated Group at 31 December 2017

Thousands of euros

COMPANY	Ownership interest			Share capital	Uncalled capital payments payable	Reserves	Profit (Loss) for 2017	Interim dividend	Total shareholders' equity	Valuation adjustments	Total equity	Participating loans	Total equity + participating loans	Underlying carrying amount	Net cost of the investment
	Direct	Indirect	Total												
OHL Construction India Private Limited	1.00	99.00	100.00	487	-	(79)	(384)	-	24	-	24	-	24	24	24
OHL Construction Pacific Pty. Ltd	100.00	-	100.00	-	-	(7,371)	(2,227)	-	(9,598)	-	(9,598)	-	(9,598)	(9,598)	-
OHL Finance, S.à r.l.	-	100.00	100.00	2,456	-	29,809	(57)	-	32,268	-	32,268	-	32,268	32,268	(410)
OHL Health Montreal (Holding) Inc.	-	100.00	100.00	-	-	(15)	(3)	-	(18)	-	(18)	-	(18)	(18)	-
OHL Health Montreal (Partner) Inc.	-	100.00	100.00	1,498	-	(15)	(5)	-	1,478	-	1,478	-	1,478	1,478	1,498
OHL Industrial and Partners, LLC	-	70.00	70.00	542	(162)	(9,086)	(9,567)	-	(18,273)	-	(18,273)	-	(18,273)	(12,791)	-
OHL Industrial Brasil, Ltda.	-	100.00	100.00	309	-	(307)	-	-	2	-	2	-	2	2	2
OHL Industrial Chile, S.A.	0.00	100.00	100.00	46,645	-	(42,957)	(2,127)	-	1,561	-	1,561	-	1,561	1,561	235
OHL Industrial Colombia, S.A.S.	-	100.00	100.00	499	-	(462)	(704)	-	(667)	-	(667)	-	(667)	(667)	-
OHL Industrial Delegación Guatemala, S.A.	-	100.00	100.00	1	-	(8,174)	(5,317)	-	(13,490)	-	(13,490)	-	(13,490)	(13,490)	-
OHL Industrial Mining & Cement, S.A.	-	100.00	100.00	1,964	-	(1,867)	890	-	987	-	987	-	987	987	8,983
OHL Industrial Perú, S.A.C.	-	100.00	100.00	4,095	-	(1,828)	70	-	2,337	-	2,337	-	2,337	2,337	2,337
OHL Industrial, S.L.	100.00	-	100.00	47,394	-	(974)	(65,643)	-	(19,223)	-	(19,223)	63,000	43,777	43,777	40,883
OHL Ireland Construction and Engineering Limited	-	100.00	100.00	-	-	-	(58)	-	(58)	-	(58)	-	(58)	(58)	-
OHL Servicios-Ingasan, S.A.U.	100.00	-	100.00	790	-	11,709	412	-	12,911	-	12,911	-	12,911	12,911	1,172
OHL Sverige AB	-	100.00	100.00	5	-	-	(467)	-	(462)	-	(462)	-	(462)	(462)	5
OHL Uruguay, S.A.	100.00	-	100.00	-	-	16	(80)	-	(64)	-	(64)	-	(64)	(64)	-
OHL USA, Inc.	-	100.00	100.00	6,254	-	348,130	3,128	-	355,512	-	355,512	-	355,512	355,512	432,608
OHL ZS MO, S.R.L.	-	98.94	98.94	-	-	(2,146)	2,134	-	(12)	-	(12)	-	(12)	(12)	-
OHL ZS Polska, S.Z.o.o.	-	98.94	98.94	12	-	203	(541)	-	(326)	-	(326)	-	(326)	(323)	-
OHL ZS, a.s.	-	98.94	98.94	33,143	(7)	30,725	(19,828)	-	44,033	(335)	43,698	-	43,698	43,235	498
Playa 4 - 5 Mayakoba, S.A. de C.V.	-	100.00	100.00	1,786	-	(5,448)	15	-	(3,647)	-	(3,647)	-	(3,647)	(3,647)	1,786
Posmar Inversiones 2006, S.L.	-	100.00	100.00	3	-	(1,236)	2	-	(1,231)	-	(1,231)	1,266	35	35	36
Premol, S.A. de C.V.	-	100.00	100.00	44	-	1,608	442	-	2,094	-	2,094	-	2,094	2,094	45
Puente Logisaco Mediterráneo, S.A.	-	100.00	100.00	105	-	(1,335)	7	-	(1,223)	-	(1,223)	1,281	58	58	60
S.A. Trabajos y Obras	100.00	-	100.00	1,854	-	63,937	13,709	-	79,560	-	79,560	-	79,560	79,560	43,347
Sawgrass Rock Quarry, Inc.	-	100.00	100.00	1	-	3,008	84	-	3,093	-	3,093	-	3,093	3,093	9,589
Sociedad Concesionaria Aguas de Navarra, S.A.	65.00	-	65.00	7,370	-	2,765	(273)	-	9,862	(846)	9,016	-	9,016	5,860	4,791
Sociedad Concesionaria Centro de Justicia de Santiago, S.A.	100.00	-	100.00	14,107	-	7,853	868	-	22,828	-	22,828	-	22,828	22,828	11,245
Sociedad de Obras Civiles e Infraestructuras Viales, S.A. de C.V.	-	100.00	100.00	16,697	-	(16,675)	3,574	-	3,596	-	3,596	-	3,596	3,596	-
OHLDM, S.A. de C.V.	-	100.00	100.00	118,339	-	3	(10,634)	-	107,708	-	107,708	-	107,708	107,708	139,682
Sihm Maquinaria de México, S.A. de C.V.	-	100.00	100.00	2	(2)	(179)	1	-	(178)	-	(178)	-	(178)	(178)	-
Tenedora de Participaciones Tecnológicas, S.A.	100.00	-	100.00	601	-	(34,759)	217	-	(33,941)	-	(33,941)	38,162	4,221	4,221	4,199
Torni Remont, a.s.	-	98.94	98.94	1,939	-	10,591	322	-	12,852	-	12,852	-	12,852	12,718	7,362
Vacui, S.A.	99.11	0.89	100.00	15,541	-	(14,901)	7	-	647	-	647	-	647	647	604
Villas de Mayakoba, S.A. de C.V.	-	100.00	100.00	2,625	-	(3,655)	3,905	-	2,875	-	2,875	-	2,875	2,875	8,835
Viveros de Mayakoba, S.A. de C.V.	-	100.00	100.00	534	-	(465)	3	-	72	-	72	-	72	72	34
ZPSV Caňa, a.s.	-	57.02	57.02	3,564	-	3,450	18	-	7,032	-	7,032	-	7,032	4,010	2,021
ZPSV Eood, a.s.	-	96.75	96.75	1,802	-	(3,356)	(277)	-	(1,831)	-	(1,831)	-	(1,831)	(1,771)	-
ZPSV, a.s.	-	96.75	96.75	23,353	-	20,823	3,219	-	47,395	-	47,395	-	47,395	45,655	17,423
ZS Bratislava, a.s.	-	98.94	98.94	5,398	-	(2,044)	(2,341)	-	1,013	-	1,013	-	1,013	1,002	5,258

APPENDIX III

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Detail of the equity and the net cost of the investment in the main companies composing the consolidated Group at 31 December 2017

Thousands of euros

COMPANY	Ownership interest			Share capital	Uncalled capital payments payable	Reserves	Profit (Loss) for 2017	Interim dividend	Total shareholders' equity	Valuation adjustments	Total equity	Participating loans	Total equity + participating loans	Underlying carrying amount	Net cost of the investment
	Direct	Indirect	Total												
Companies accounted for using the equity method															
Joint ventures															
Altos de Ciudad Mayakoba, S.A. de C.V.	-	50.00	50.00	2,752	-	-	(33)	-	2,719	-	2,719	-	2,719	1,360	1,376
Consorcio Conpax OHL VALKO, S.A.	-	49.00	49.00	1,355	-	-	3,736	-	5,091	-	5,091	-	5,091	2,495	373
FHP Villas Lote 2, S.A. de C.V.	-	50.00	50.00	5,456	-	(3,177)	1,204	-	3,483	-	3,483	-	3,483	1,742	7,190
Fideicomiso Desarrollo OV CIB/2185	-	50.00	50.00	5,072	-	(345)	(460)	-	4,267	-	4,267	-	4,267	2,134	3,961
Health Montreal Collective CJV L.P.	-	50.00	50.00	1	-	(307,895)	(4,854)	-	(312,748)	-	(312,748)	433,493	120,745	60,373	216,747
La Ceiba DCM, S.A. de C.V.	-	50.00	50.00	1,479	(370)	-	(61)	-	1,048	-	1,048	-	1,048	524	555
Nova Dársena Esportiva de Bara, S.A.	-	50.00	50.00	3,731	-	(6,615)	(183)	-	(3,267)	-	(3,267)	32,006	28,739	14,370	16,003
Novaterra Caribe, S.A.P.I. de C.V.	-	50.00	50.00	5,594	-	(1,263)	4,558	-	8,889	-	8,889	-	8,889	4,445	5,223
OHL Construction Canada and Fomento de Construcciones y Contrat	-	50.00	50.00	1	-	(119,414)	(52,327)	-	(171,740)	-	(171,740)	135,243	(36,497)	(18,249)	67,622
OHL FCC North Tunnels Canadá, Inc.	-	50.00	50.00	-	-	-	(17)	-	(17)	-	(17)	17,006	16,989	8,495	8,503
Proyecto CCC Empalme I, S.A.P.I. de C.V.	-	50.00	50.00	-	-	11,984	(7,963)	-	4,021	-	4,021	-	4,021	2,011	-
Refinería Madero Tamaulipas, S.A.P.I. de C.V.	-	50.00	50.00	-	-	186	(1,857)	-	(1,671)	-	(1,671)	-	(1,671)	(836)	-
Servicios Administrativos TMT, S.A. de C.V.	-	50.00	50.00	-	-	33	43	-	76	-	76	-	76	38	-
Westminster Development Services Limited	-	50.00	50.00	11	-	161	364	-	536	-	536	-	536	268	7
Associates															
57 Whitehall Holdings S.A.R.L.	-	49.00	49.00	28	-	143,658	(224)	-	143,462	-	143,462	-	143,462	70,296	77,512
ALSE Park, S.L.	-	35.00	35.00	4,298	-	9,466	(2,097)	-	11,667	-	11,667	-	11,667	4,083	5,444
Arenales Solar PS, S.L.	-	25.02	25.02	71	-	(44,986)	(11,382)	-	(56,297)	(24,272)	(80,569)	158,110	77,541	19,401	19,401
E.M.V. Alcalá de Henares, S.A.	34.00	-	34.00	1,202	-	4,608	-	-	5,810	-	5,810	-	5,810	1,975	409
Especio-OHLD Proyectos Singulares, S.L.	-	25.00	25.00	50	-	199	(740)	-	(491)	-	(491)	-	(491)	(123)	12
Health Montreal Collective Limited Partnership	-	25.00	25.00	5,992	-	20,323	1,840	-	28,155	-	28,155	-	28,155	7,039	1,496
Navarra Gestión del Agua, S.A.	30.00	-	30.00	60	-	277	64	-	401	-	401	-	401	120	18
Nuevo Hospital de Burgos, S.A.	20.75	-	20.75	55,033	-	(53,264)	(5,554)	-	(3,785)	-	(3,785)	-	(3,785)	(785)	11,420
Nuevo Hospital de Toledo, S.A.	33.34	-	33.34	23,803	(12,625)	162	26	-	11,366	(8,629)	2,737	-	2,737	913	3,726
Obalovna Boskovice, s.r.o.	-	44.52	44.52	1,492	-	-	218	-	1,710	-	1,710	-	1,710	761	555
Proyecto Canalejas Group, S.L.	-	17.50	17.50	71,670	-	265,825	(11)	-	337,484	-	337,484	-	337,484	59,060	46,658

APPENDIX III

OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Detail of the equity and the net cost of the investment in the main companies composing the consolidated Group at 31 December 2017

Thousands of euros

COMPANY	Ownership interest: Direct	Indirect	Total	Share capital	Uncalled capital payments payable	Reserves	Profit (Loss) for 2017	Interim dividend	Total shareholders' equity	Valuation adjustments	Total equity	Participating loans	Total equity + participating loans	Underlying carrying amount	Net cost of the investment
DISCONTINUED OPERATIONS															
Fully consolidated companies															
0606 Investments S.a r.l.	-	100.00	100.00	150	-	217	(6,515)	-	(6,148)	-	(6,148)	-	(6,148)	(6,148)	150
Autopista del Norte, S.A.C.	-	100.00	100.00	73,153	-	41,728	6,939	-	121,820	(1,451)	120,369	-	120,369	120,369	73,169
Autopista Rio Magdalena, S.A.S.	-	100.00	100.00	703	-	45,558	4,578	-	50,839	-	50,839	-	50,839	50,839	47,277
Autopista Urbana Norte, S.A. de C.V.	-	56.85	56.85	221,245	-	335,417	134,524	-	691,186	2,988	694,174	-	694,174	394,638	125,778
Autovías Concesionadas OHL, S.A. de C.V.	-	56.85	56.85	22,434	-	425	4,774	-	27,633	-	27,633	-	27,633	15,709	12,754
Concesionaria AT - AT, S.A. de C.V.	-	56.85	56.85	192,129	-	-	-	-	192,129	-	192,129	-	192,129	109,225	109,225
* Concesionaria Mexiquense, S.A. de C.V.	-	28.99	28.99	235,798	-	1,116,992	277,492	-	1,630,282	7,002	1,637,284	-	1,637,284	474,649	75,041
* Construcciones Amozoc Perote, S.A. de C.V.	-	39.33	39.33	2	-	530	2,502	-	3,034	-	3,034	-	3,034	1,193	43
Euroconcesiones, S.L.	-	100.00	100.00	3,641	-	366	484	-	4,491	(11,082)	(6,591)	-	(6,591)	(6,591)	3,641
Euroglosa 45 Concesionaria de la Comunidad de Madrid, S.A.	-	100.00	100.00	22,897	-	17,386	5,696	-	45,781	-	45,781	-	45,781	45,781	23,075
* Grupo Autopistas Nacionales, S.A.	-	39.33	39.33	14,581	-	7,853	5,100	-	27,534	-	27,534	-	27,534	10,829	9,030
Latina México, S.A. de C.V.	-	56.85	56.85	2	-	4,395	560	-	4,957	-	4,957	-	4,957	2,818	1
Magenta Infraestructura, S.L.	-	58.73	58.73	1,175,782	-	813,374	(13,756)	-	1,975,400	-	1,975,400	-	1,975,400	1,160,152	389,879
OHL Concesiones Argentina, S.A.	10.00	90.00	100.00	403	(375)	(219)	(82)	-	(273)	-	(273)	-	(273)	(273)	-
OHL Concesiones Chile, S.A.	0.00	100.00	100.00	84,266	-	(3,538)	(3,531)	-	77,197	-	77,197	-	77,197	77,197	77,506
OHL Concesiones Colombia, S.A.S.	-	100.00	100.00	337	-	65,490	(1,673)	-	64,154	-	64,154	-	64,154	64,154	79,643
OHL Concesiones Perú, S.A.	-	100.00	100.00	7,868	-	(2,145)	(1,344)	-	4,379	-	4,379	-	4,379	4,379	4,380
OHL Concesiones, S.A.	100.00	-	100.00	167,455	-	1,563,507	330,082	-	2,161,044	-	2,161,044	-	2,161,044	2,161,044	600,078
OHL Concessoes Brasil Ltda.	-	100.00	100.00	5,489	-	(1,965)	(3,289)	-	235	-	235	-	235	235	235
OHL Emisiones, S.A.U.	-	100.00	100.00	60	-	10,743	82,983	(79,513)	14,273	-	14,273	-	14,273	14,273	60
OHL Infrastructures, Inc.	-	100.00	100.00	24,509	-	(23,846)	(2,211)	-	(1,548)	-	(1,548)	-	(1,548)	(1,548)	-
OHL Investments, S.A.	-	100.00	100.00	208,320	-	73,681	128,843	-	410,844	-	410,844	-	410,844	410,844	181,095
OHL México, S.A.B. de C.V.	-	56.85	56.85	848,380	-	637,266	220,602	-	1,505,948	-	1,505,948	-	1,505,948	856,131	321,990
OHL Toluca, S.A. de C.V.	-	56.85	56.85	89,823	(17)	(3,009)	(5)	-	66,792	-	66,792	-	66,792	37,971	43,187
* OPCEM, S.A.P.I. de C.V.	-	28.99	28.99	-	-	1,025	2,645	-	3,670	-	3,670	-	3,670	1,064	-
Operaciones Cerro Valparaíso, SpA	-	100.00	100.00	68	(68)	(4)	(6)	-	(10)	-	(10)	-	(10)	(10)	-
Operaciones Portuarias Valparaíso, SpA	-	100.00	100.00	68	-	(193)	118	-	(7)	-	(7)	-	(7)	(7)	68
Operadora Concesionaria Mexiquense, S.A. de C.V.	-	56.85	56.85	2	-	5,691	5,898	-	11,591	-	11,591	-	11,591	6,589	1
Operadora de Carreteras, S.A.C.	-	100.00	100.00	1,456	-	15	198	(358)	1,311	-	1,311	-	1,311	1,311	1,454
* Organización de Proyectos de Infraestructura, S.A.P.I. de C.V.	-	28.99	28.99	224,541	-	(59,126)	(24,800)	-	140,613	-	140,613	-	140,613	40,764	64,011
Pachira, S.L.	-	100.00	100.00	4	-	(628)	(352)	-	(976)	-	(976)	4,866	3,890	3,890	4,866
Seconmex Administración, S.A. de C.V.	-	56.85	56.85	2	-	1,996	791	-	2,789	-	2,789	-	2,789	1,568	7
Sociedad Concesionaria Nuevo Camino Nogales - Puchuncaví, S.A.	-	100.00	100.00	34,959	(11,217)	885	2,470	-	27,097	-	27,097	-	27,097	27,097	23,742
Sociedad Concesionaria Puente Industrial, S.A.	-	100.00	100.00	27,958	-	1,097	1,046	-	30,101	-	30,101	-	30,101	30,101	27,959
Terminal Cerros de Valparaíso, S.A.	-	100.00	100.00	37,266	-	4,150	7,043	-	48,459	-	48,459	-	48,459	48,459	37,270
Terminal de Contenedores de Tenerife, S.A.	-	100.00	100.00	22,806	-	(6,187)	444	-	16,863	(926)	15,937	-	15,937	15,937	23,470
Terminal Polivalente Suroeste, S.L.	-	100.00	100.00	48	-	(28)	-	-	20	-	20	15	35	35	63
Terminales Marítimas del Suroeste, S.A.	-	100.00	100.00	17,820	-	(22,669)	(1,299)	-	(6,178)	(1,110)	(7,288)	40,400	33,112	33,112	62,720
Tráfico y Transporte Sistemas, S.A.U.	-	100.00	100.00	1,350	-	(438)	(476)	-	436	-	436	100	536	536	508
Viaducto Bicentenario, S.A. de C.V.	-	56.85	56.85	344,032	(4,541)	296,125	87,259	-	722,875	-	722,875	-	722,875	410,954	193,001
Companies accounted for using the equity method															
Joint ventures															
Constructora Libramiento Elevado de Puebla, S.A. de C.V.	-	28.99	28.99	2	-	20,525	(3,135)	-	17,392	-	17,392	-	17,392	5,042	1
Controladora Vía Rápida Poetas, S.A.P.I. de C.V.	-	28.43	28.43	91,713	-	291,055	78,787	-	371,555	-	371,555	-	371,555	105,633	25,744
Coordinadora Vía Rápida Poniente, S.A.P.I. de C.V.	-	28.43	28.43	2	-	3,634	(306)	-	3,530	-	3,530	-	3,530	1,004	1
Libramiento Elevado de Puebla, S.A. de C.V.	-	28.99	28.99	144,527	-	(4,561)	4,805	-	144,771	-	144,771	-	144,771	41,969	41,380
Operadora AVO, S.A.	-	50.00	50.00	27	-	1	-	-	28	-	28	-	28	14	14
Operadora Libramiento Elevado Puebla, S.A. de C.V.	-	28.99	28.99	2	-	(101)	229	-	130	-	130	-	130	38	1
Operadora Vía Rápida Poetas, S.A.P.I. de C.V.	-	28.43	28.43	2	-	1,807	674	-	2,483	-	2,483	-	2,483	706	1
Prestadora de Servicios Vía Rápida Poniente, S.A.P.I. de C.V.	-	28.43	28.43	2	-	163	34	-	199	-	199	-	199	57	1
Sociedad Concesionaria Vespucio Oriente, S.A.	-	50.00	50.00	121,953	(71,332)	2,981	3,670	-	57,272	-	57,272	-	57,272	28,636	61,783
Associates															
Administradora Mexiquense del Aeropuerto Internacional de Toluca, S	-	27.86	27.86	92,150	-	32,187	11,373	-	135,710	-	135,710	-	135,710	37,809	37,497
Sestibalsa Alicante, S.A. de Gestión de Estibadores Portuarios	-	44.88	44.88	87	-	-	-	-	87	-	87	-	87	39	39

* Controlled through OHL México, S.A.B. de C.V.

APPENDIX IV
OBRASCÓN HUARTE LAIN, S.A. AND SUBSIDIARIES

Detail of the changes in the scope of consolidation at 31 December 2017

Subsidiaries (fully consolidated)

INCLUSIONS	
COMPANY	REASON
Avalora Chile SpA	Incorporation
EYM Norway, AS	Incorporation
Gizatzan, S.A.	Incorporation
Ingesan Chile, SpA	Incorporation
OHL Ireland Construction and Engineering Limited	Incorporation
OHL Sverige AB	Incorporation

EXCLUSIONS	
COMPANY	REASON
Cercanías Móstoles Navalcarnero, S.A.	Investment Securities
OHL Industrial Power, S.A.	Merger
OHL Industrial USA, Inc.	Liquidation
OHL ZS SK, a.s.	Merger

Joint ventures and associates (accounted for using the equity method)

INCLUSIONS	
COMPANY	REASON
Altos de Ciudad de Mayakoba, S.A. de C.V.	Incorporation
La Ceiba DCM, S.A. de C.V.	Incorporation
Mayakoba Country Club, S.A. de C.V.	Incorporation
NCC - OHL Lund-Arlöv fyra spar Handelsbolag	Acquisition
OWO Residence Limited	Incorporation
Proyecto Canalejas Group, S.L.	Incorporation
Rhatigan OHL Limited	Incorporation
Tenedora de Hoteles y Golf MKB, S.A. de C.V.	Incorporation
Whitehall Residences Limited	Incorporation

EXCLUSIONS	
COMPANY	REASON
Concepteur-Constructeur St-Carles SEC	Liquidation
Gestión PCC SC INC	Liquidation
Port Torradembarra, S.A.	Sale

Companies included in the scope of consolidation in 2016 whose situation changed in 2017

COMPANY	SCOPE OF CONSOLIDATION IN 2016
Activos Hoteleros de Lujo MKB, S.A. de C.V.	Fully consolidated
Aqua Mayakoba, S.A. de C.V.	Fully consolidated
Autovía de Aragón-Tramo 1, S.A.	Fully consolidated
Controladora Hoyo 1, S.A. de C.V.	Fully consolidated
Desarrollos RBK en la Riviera, S.A. de C.V.	Fully consolidated
Golf de Mayakoba Servicios, S.A. de C.V.	Fully consolidated
Golf de Mayakoba, S.A. de C.V.	Fully consolidated
HH1 Servicios S de R.L. de C.V.	Fully consolidated
Hotel Hoyo Uno, S. de R.L. de C.V.	Fully consolidated
Islas de Mayakoba Servicios, S.A. de C.V.	Fully consolidated
Islas de Mayakoba, S.A. de C.V.	Fully consolidated
Lagunas de Mayakoba, S.A. de C.V.	Fully consolidated
Lotes 3 Servicios, S.A. de C.V.	Fully consolidated
Mayakoba Thai, S.A. de C.V.	Fully consolidated
Operadora Hotelera del Corredor Mayakoba, S.A. de C.V.	Fully consolidated
Operadora Mayakoba, S.A. de C.V.	Fully consolidated
Servicios Hoteleros del Corredor Mayakoba, S.A. de C.V.	Fully consolidated

COMPANY	SCOPE OF CONSOLIDATION IN 2017
Activos Hoteleros de Lujo MKB, S.A. de C.V.	Accounted for using the equity method
Aqua Mayakoba, S.A. de C.V.	Accounted for using the equity method
Autovía de Aragón-Tramo 1, S.A.	Accounted for using the equity method
Controladora Hoyo 1, S.A. de C.V.	Accounted for using the equity method
Desarrollos RBK en la Riviera, S.A. de C.V.	Accounted for using the equity method
Golf de Mayakoba Servicios, S.A. de C.V.	Accounted for using the equity method
Golf de Mayakoba, S.A. de C.V.	Accounted for using the equity method
HH1 Servicios S de R.L. de C.V.	Accounted for using the equity method
Hotel Hoyo Uno, S. de R.L. de C.V.	Accounted for using the equity method
Islas de Mayakoba Servicios, S.A. de C.V.	Accounted for using the equity method
Islas de Mayakoba, S.A. de C.V.	Accounted for using the equity method
Lagunas de Mayakoba, S.A. de C.V.	Accounted for using the equity method
Lotes 3 Servicios, S.A. de C.V.	Accounted for using the equity method
Mayakoba Thai, S.A. de C.V.	Accounted for using the equity method
Operadora Hotelera del Corredor Mayakoba, S.A. de C.V.	Accounted for using the equity method
Operadora Mayakoba, S.A. de C.V.	Accounted for using the equity method
Servicios Hoteleros del Corredor Mayakoba, S.A. de C.V.	Accounted for using the equity method

OBRASCÓN HUARTE LAIN, S.A.
AND SUBSIDIARIES

2017 Consolidated Directors' Report

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Translation of a report originally issued in Spanish. In the event of a discrepancy, the Spanish-language version prevails.

Chapter I.- OHL in a click

a) Group profile

I.- Presentation

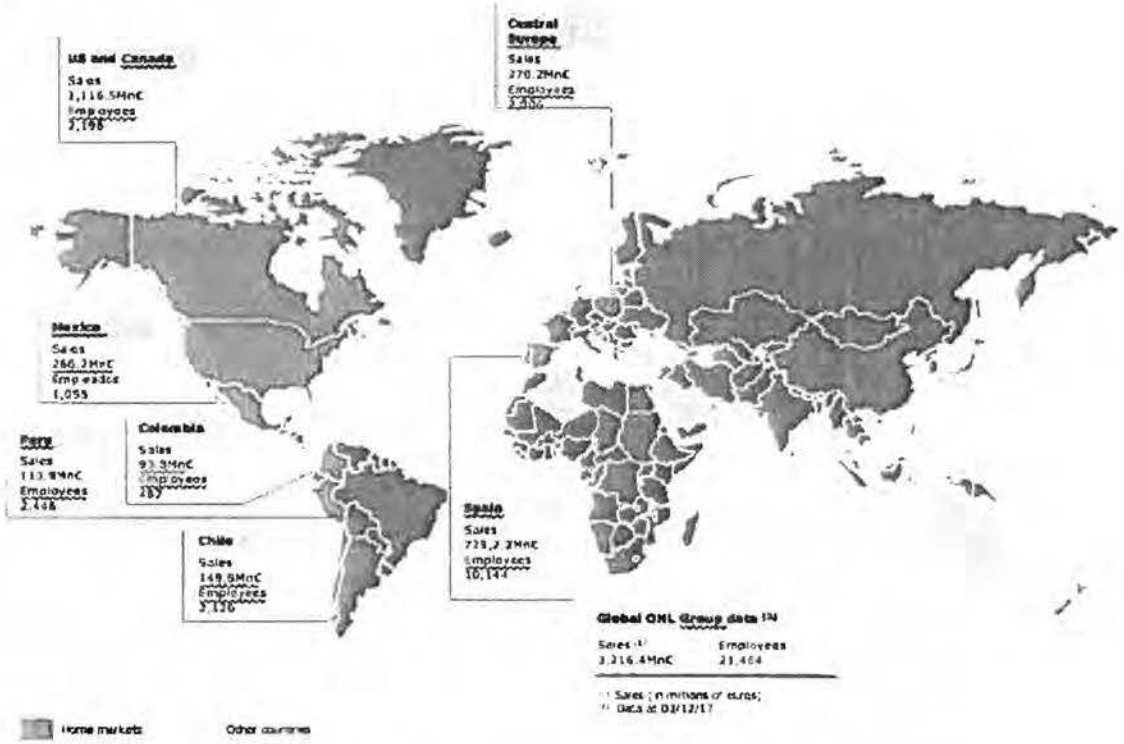
Obrascón Huarte Lain (OHL), an international concessions and construction group, carries on its activity primarily in the US, Canada, Mexico, Colombia, Peru, Chile, Spain and Central Europe.

- A strategic promotor of public-private partnerships.
- The thirty-seventh largest international contractor, tenth in the US and fourth in Latin America[1].
- A benchmark in hospital and railway construction.
- A member of the FTSE4Good IBEX sustainability stock market index.
- A reference in the low-carbon economy: Leader in CDP Climate Change (A List) and in water resource management (A List Water)

In the framework of a responsible performance of its activity, OHL is committed to the main initiatives and guidelines led by international organisations such as the United Nations - Global Compact, Guiding Principles for Business and Human Rights and Sustainable Development Goals (SDGs), the Organisation for Economic Cooperation and Development (OECD) and the Tripartite Declaration of the International Labour Organization (ILO).

[1] ENR 2017

II.- Worldwide presence



b) Group performance and main milestones in 2017

2017 represents a year of transition for the OHL Group, marked by the signing of an agreement (Share Purchase Agreement) for the sale of all the share capital of OHL Concesiones, S.A.U. (OHL Concesiones) to the fund IFM Investors (IFM).

As a result of this transaction, the Concessions business was classified as a discontinued operation in the consolidated financial statements, the profit or loss from these operations was included separately in the statement of profit or loss, along with that corresponding to non-controlling interests and the figures for 2016 were restated. Both the non-current assets and liabilities of this activity are classified as held for sale in the consolidated balance sheet.

The enterprise value of the transaction was EUR 2,775.0 million (net of project finance), which will be paid on completion of the transaction, subject to the usual price adjustments in transactions of this nature (net debt, exchange rate, and cash contributed from greenfield projects). The Group estimates that after these adjustments the net price paid will be approximately EUR 2,235.0 million.

The transaction was approved by the shareholders at an Annual General Meeting of OHL held on 9 January 2018, and is conditional upon, inter alia, the obtainment of the required authorisation from the competent Mexican authorities, the obtainment of a waiver from certain financial creditors, and the approval and launch of a tender offer by IFM Investors or a subsidiary for the share capital of OHL México, S.A.B. de C.V. not owned by IFM at the transaction closing date. The process of obtaining the authorisation is in progress and the transaction will foreseeably be completed in the first quarter of 2018.

This is an exceptional transaction for the OHL Group, as it makes it possible to repay gross recourse borrowings and leave an excellent cash position. From this sound financial position, the Group is embarking on a new era that will be focused on its Construction business, strengthening its capacity in this area in the regions in which it is currently present, concentrating its efforts on generating sustainable cash flow and prioritising profitability over growth.

The execution of the transaction led to a rise in the rating from the Moody's rating agency, which on 1 December 2017 improved OHL's rating to B3 from Caa1, and keeps it under review to assess possible further increases, which represents the endorsement by a third party of the Group's successful divestment policy.

At the operating level, the Group's main aggregates show a change of scale when the Concessions business was eliminated, showing signs of recovery in terms of the EBITDA margin and cash generation in the Construction business:

	2017	2016*	Change (%)
Revenue	**3,216.4**	**3,342.4**	**-3.8%**
EBITDA	**-56.5**	**-576.3**	**-90.2%**
% of sales	-1.8%	-17.2%	
Net attributable loss	**-12.1**	**-432.3**	**-97.2%**
% of sales	-0.4%	-12.9%	

Millions of euros
(*) Restated

Revenue amounted to EUR 3,216.4 million, a slight decrease compared to 2016, due mainly to lower construction activity in the US as a result of the end of contracts during the period which was not offset by the production under new contracts that are in their initial phase. The delays in the commencement of the construction phase of certain concession projects in Latin America also contributed to this fall.

EBITDA in 2017 amounted to EUR -56.5 million, -1.8% as a percentage of sales, affected primarily by:

I. A lower than expected contribution in terms of production and EBITDA by start-up projects in the US and Latin America (construction work for concessions in Chile and Colombia) that will bring higher margins in the future and that did not offset the lower contribution from projects completed in the period.

II. Losses recognised on projects in the Industrial business.

III. The extraordinary recognition of losses at the Gustavo Fricke Hospital (Chile), a legacy project awarded in 2013.

IV. The cost of the collective redundancy procedures (CRP) at OHL, S.A., OHL Industrial, S.L. and other factors.

The aggregate of the latter two one-off impacts on EBITDA, relating to the losses recognised at Gustavo Fricke Hospital (Chile) and the cost of the CRP and other, was EUR -76.5 million. Excluding this effect, EBITDA would stand at EUR +20.0 million.

It is worth recalling that the EBITDA for 2016 was EUR -576.3 million, affected mainly by the reorganisation process, which included EUR -520.2 million of one-off losses on legacy projects, due to the re-estimation of objectives carried out. In comparable terms, eliminating one-off effects, EBITDA in 2017 improved by EUR 76.1 million compared to 2016, marking a turning point for the Company this year, with a healthy backlog that aims to obtain higher margins in the coming years.

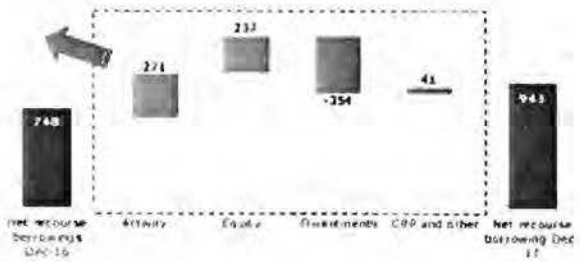
The attributable net loss was EUR -12.1 million, affected by the aforementioned impacts. Excluding one-off impacts, there would be a net attributable profit of EUR 64.4 million.

In the financial area, the following matters should be noted:

Changes in net recourse borrowings

The changes in the net recourse borrowings in 2017 were as follows:

	2017	2016	Var.
Construction	46	281	(235)
Legacy	54	269	(215)
Regular & Strg.	(8)	12	(20)
Industrial	94	24	70
Services	(4)	5	(8)
Development	23	46	(23)
Corporate	111	146	(34)
Total	**271**	**501**	**(230)**



At 31 December 2017, net recourse borrowings amounted to EUR 943.5 million, representing an increase of EUR 195.1 million in 2017, a significant improvement on the EUR 369.0 million increase seen in 2016, due primarily to the worsening of cash due to the legacy projects.

Of particular note was the sound performance of the net recourse borrowings in the Construction business, which in 2017 used only EUR 46.4 million of cash in comparison with the EUR 281.4 million used in 2016, demonstrating the effort made to contain the deterioration in cash flow and opening a new stage towards the generation of sustainable cash flow at project level. In turn, the legacy projects used less cash than expected. In the fourth quarter of 2017 the Construction business performed excellently, generating cash amounting to EUR 172.3 million.

Of particular note is the reduction in net cash outflows in the Corporate area, showing the first effects of the cost reduction initiatives implemented.

The execution of the asset rotation plan contributed funds amounting to EUR 355.0 million and the new equity investments resulted in a cash outflow of EUR 236.8 million, with Concessions being the main investor division, with expenditure of EUR 164.6 million.

Drawable recourse liquidity

The Company continues to enjoy financial flexibility thanks to a drawable recourse liquidity position of EUR 748.4 million at the end of December 2017, measured as cash and cash equivalents plus the available recourse financing, which ensure that the working capital needs are covered for being able to carry on the business activities in 2018.

In this connection, mention should be made of the support received by the OHL Group from the main banks with which it works with the signature, on 30 March 2017, of the multi-product syndicated financing agreement (novated on 29 November 2017) for an aggregate amount of EUR 684 million, for the issue of guarantees (EUR 402 million) and reverse factoring (EUR 92 million), which also includes a revolving credit line of EUR 190 million.

Additionally, the execution of the sale of 100% of OHL Concesiones will enable the Group to simplify and significantly reduce its structure of total gross recourse borrowings, thereby giving a positive cash position and an excellent drawable recourse liquidity position.



- As regards the asset rotation process, various divestments were made during 2017:

Asset	Ownership interest	Net funds (millions of euros)	Status	Collection date
abertis	2.50%	57	Cobrado	January 2017
mayakoba	80% - 51%	179.1 + 7.9*	Cobrado	April 2017
Canalejas	17.50%	68.1m + 3.5*	Cobrado	April 2017
Autovía Aragón	75%	c. 51	Cobrado	June 2017

* Collection pending per contract.

Negotiations are ongoing for the possible sale of the Czech sleeper factory ŽPSV and other assets in Mayakoba, which could be completed in the first half of 2018.

c) 2017 in figures

I.- Main aggregates

Millions of euros

	2017	2016*	% change 2017-2016
STATEMENT OF PROFIT OR LOSS			
Revenue	**3,216.4**	**3,342.4**	**-3.8%**
EBITDA	**-56.5**	**-576.3**	**-90.2%**
% EBITDA/Sales	-1.8%	-17.2%	
EBIT	**-132.7**	**-706.0**	**-81.2%**
% EBITDA/Sales	-4.1%	-21.1%	
Attributable net loss	**-12.1**	**-432.3**	**-97.2%**
% Attributable net loss/Sales	-0.4%	-12.9%	
REVENUE BY LINE OF BUSINESS			
Engineering and Construction	3,168.2	3,211.6	-1.4%
% of total sales	98.5%	96.1%	
Development	48.2	130.8	-63.1%
% of total sales	1.5%	3.9%	
Total revenue	**3,216.4**	**3,342.4**	**-3.8%**
% of total sales	100.0%	100.0%	
EBITDA BY LINE OF BUSINESS			
Engineering and Construction	18.0	-84.5	-121.3%
% EBITDA/Sales	0.6%	-2.6%	
Development	2.0	28.4	-93.0%
% EBITDA/Sales	4.1%	21.7%	
EBITDA	**20.0**	**-56.1**	**-135.7%**
% EBITDA/Sales	0.6%	-1.7%	
CRP and other	-76.5	-520.2	
Total EBITDA	**-56.5**	**-576.3**	**-90.2%**
% EBITDA/Sales	-1.8%	-17.2%	
EQUITY			
Equity attributable to the Parent	2,166.7	2,439.7	-11.2%
Non-controlling interests	2,016.6	1,603.2	25.8%
NET BORROWINGS			
Net recourse borrowings	943.5	748.4	26.1%
Net non-recourse borrowings	56.4	2,162.5	-97.4%
Total net borrowings	**999.9**	**2,910.9**	**-65.6%**
BACKLOG			
Short-term backlog	6,236.2	6,674.9	-6.6%
Long-term backlog	224.5	225.4	-0.4%
Total backlog	**6,460.7**	**6,900.3**	**-6.4%**
EMPLOYEES			
Permanent employees	12,910	13,741	-6.0%
Temporary employees	8,554	8,299	3.1%
Total headcount	**21,464**	**22,040**	**-2.6%**
MARKET CAPITALISATION	**1,488.1**	**984.4**	**51.2%**
Recourse EBITDA (LTM)**	203.1	204.2	

Millions of euros

*Restated.

** Calculated based on the contractual definitions, including EUR 165 million of dividends of OHL Concesiones in 2017 (2016: EUR 250.0 million) and excluding EUR 76.5 million of losses due to the CRP, other and legacy projects in 2017 (EUR 520.2 million in 2016 due to the legacy projects).

II.- Profit/loss by division

OHL CONCESIONES

In view of the process underway to sell all of the shares of OHL Concesiones, S.A.U., this business is carried as a discontinued operation in the consolidated financial statements.

The agreed-upon transaction excludes the sale of the two OHL concessions in liquidation, Cercanías Móstoles Navalcarnero S.A. (CEMONASA) and Autopista Eje Aeropuerto, for which OHL will be entitled to future collection of all compensation received arising from these liquidation processes.

For information purposes, please find attached as an Appendix in Chapter V the main operating aggregates of this business.

OHL ENGINEERING AND CONSTRUCTION

Main aggregates	2017	2016	Var. (%)
Sales	**3,168.2**	**3,211.6**	**-1.4%**
EBITDA	**18.0**	**-84.5**	**121.3%**
% of Sales	0.6%	-2.6%	
EBIT	**-54.6**	**-201.8**	**72.9%**
% of Sales	-1.7%	-6.3%	

Millions of euros

With the sale of OHL Concesiones, the Engineering and Construction division accounts for 98.5% of the Group's sales, with sales of EUR 3,168.2 million, slightly lower than in 2016. EBITDA for the year was EUR +18.0 million, compared to -84.5 million euros in 2016, after eliminating the one-off recognition of losses in legacy projects. Performance, by activity segment, is as follows:

CONSTRUCTION

Main aggregates	2017	2016	Var. (%)
Sales	**2,660.7**	**2,773.6**	**-4.1%**
EBITDA	**54.9**	**-43.7**	**225.6%**
% of Sales	2.1%	-1.6%	
EBIT	**-10.9**	**-141.8**	**92.3%**
% of Sales	-0.4%	-5.1%	

Millions of euros

Construction, with sales amounting to EUR 2,660.7 million, accounts for 84.0% of Engineering and Construction sales and 82.7% of the Group's total sales.

The volume of activity decreased by -4.1% compared to 2016. This decrease is due mainly to the recent commencement of production in the new North American projects that will bring more activity in the near future (expansion of the I-405, Canarsie tunnel and others) and that have not offset the decrease in sales due to the completion of other projects between both periods. The decrease was exacerbated by the delay in starting work on the concessions in Latin America, due to causes not attributable to OHL, which led to a reduction in the sales in 2017.

Legacy projects represented sales of EUR 265.7 million, 10.0% of the total.

EBITDA amounted to EUR 54.9 million, 2.1% of sales (compared to -1.6% in 2016), affected mainly by the negative results of certain projects and the completion of projects in the period, not offset by the margin on new contracts in the initial phase in North America and concessions in Latin America that will provide higher margins in the future. The improvement in the EBITDA margin reinforces the viability and sustainability of the regular Construction business.

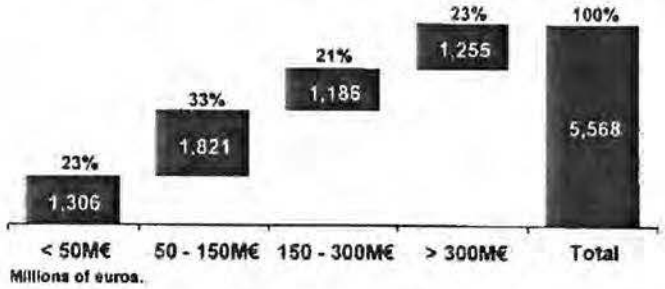
Operating cash flow used by legacy projects in 2017 totalled EUR -26.0 million (EUR -53.9 million, including Gustavo Fricke Hospital), improving the initial forecast for the year of EUR -64.0 million.

The short-term backlog at 31 December 2017, EUR 5,568.3 million, represents 25.2 months of sales, which guarantees the future growth of this activity. The backlog has a balanced profile both geographically and in terms of the size of the construction projects, with 91.4% coming from the home markets (including most notably 37.3% from the US and 32.4% from Latin America), and with only 22.5% of the projects of more than EUR 300 million.

The geographical distribution of the short-term construction backlog is as follows:

	31/12/2017
Home Markets	**91.4%**
Latin America	32.4%
US	37.3%
Spain	17.8%
Czech Rep. & Eastern Europe	3.9%
Other	**8.6%**

Based on the size of the construction project, the distribution of the backlog is as follows:



Of the total construction backlog, 25.6% corresponds to construction projects to be performed for concessions. The current backlog of the ten principal contracts[1] at 31 December 2017 is as follows:

	Country	2017
Project I-405	US	605.0
Vespucio Oriente toll road*	Chile	315.4
New York Canarsie tunnel rehabilitation	US	284.4
Atizapán-atlacomulco toll road*	Mexico	271.2
Curicó Hospital	Chile	219.0
Valparaiso Port*	Chile	176.3
Río Magdalena toll road*	Colombia	151.2
LAV Oslo-Ski (Follo Line Project)	Norway	133.8
Camino Nogales Puchuncaví*	Chile	118.8
Chimbote bypass*	Peru	113.9
10 main projects in portfolio		**2,389.0**

Millions of euros.

* Construction projects for OHL Concesiones.

'Excluding Marmaray Railway Project (EUR 372.0 million) in relation to which a subcontracting agreement was reached for near to 75%

The diversification of the backlog by type of project should be noted, where 44.3% corresponds to roads, 21.8% to railways, 18.3% to building and 15.6% to other activities. Contracts in 2017 amounted to EUR 2,342.3 million, 64.2% of the projects in the US, compared to EUR 2,310.0 million of contracts in 2016. The book-to-bill ratio stands at 0.9 times.

The new awards obtained in 2017 include most notably:

	Country	2017
Project I-405	US	679.0
New York Canarsie tunnel rehabilitation	US	312.1
NY Outfall replacement contract 1	US	66.5
Moquegua Omate Arequipa road	Peru	47.7
Mecca workshop	Saudi Arabia	43.3
Illinois O'Hare International Airport	US	42.8
Florida Medical Campus Centre	US	39.8
Quellaveco project	Peru	33.4
Total main awards		**1,264.6**
Other awards		1,077.7
Total awards		**2,342.3**

Millions of euros

In addition to the foregoing, OHL won two significant contracts as part of a joint venture without effective control and, therefore, they are accounted for using the equity method: the extension of the track on the Lund-Arlov railroad, in Sweden (EUR 106.3 million), and the National Forensic Mental Health Service Hospital, in Ireland (EUR 62.0 million). These amounts are not included in the data furnished on contracts and the backlog.

INDUSTRIAL

Main aggregates	2017	2016	Var. (%)
Sales	**269.8**	**243.6**	**10.8%**
EBITDA	**-40.5**	**-43.3**	**-6.5%**
% of Sales	-15.0%	-17.8%	
EBIT	**-44.6**	**-61.9**	**-27.9%**
% of Sales	-16.5%	-25.4%	

Millions of euros

The Industrial business recorded sales of EUR 269.8 million, which represents an increase of 10.8%% with respect to 2016.

The main activity is located in the new EPC mining and cement projects, mainly Cementos Molins, as well as the renewable energy projects at the solar PV plants in Jordan (Al Mafrag and Empire) and the condensate recovery and cycle unit project in Oman (Saih Rawl). The falloff in activity in the oil and gas EPCs continued, following the division's decision not to enter this market segment.

EBITDA stood at EUR -40.5 million, -15.0% of sales, up 6.5% on the same period in 2016. The improved margins on the new projects are contributing to this, partially offsetting the adverse margins on certain oil and gas EPC projects and other services, as well as a structure of fixed costs that are not yet being absorbed, although they are in the process of being reduced.

Industrial's backlog at 31 December 2017 stands at EUR 312.1 million, with the main project being Cementos Molins (EUR 132.0 million), scheduled for completion period in the second half of 2019.

SERVICES

Main aggregates	2017	2016	Var. (%)
Sales	**237.7**	**194.4**	**22.3%**
EBITDA	**3.6**	**2.5**	**44.0%**
% of Sales	1.5%	1.3%	
EBIT	**0.9**	**1.9**	**-52.6%**
% of Sales	0.4%	1.0%	

Millions of euros

Sales of this division amounted to EUR 237.7 million, with growth of +22.3%, due mainly to the positive performance of facility management activities (cleaning, maintenance, energy efficiency and urban services) at the national level. The latter urban services segment, which the division is introducing, enables higher returns to be obtained which compensate for the lower margins in the other segments, all of which are affected by increased competition.

EBITDA totalled EUR 3.6 million, 1.5% of sales, slightly higher than in 2016 (1.3%), reflecting the strong competitive environment of a very mature sector.

The backlog at 31 December 2017 totalled EUR 355.8 million, having contracted EUR 236.8 million in 2017, the most important contracts being the maintenance of court buildings in Galicia, the urban waste collection service (Lot 2) in Madrid, the cleaning and maintenance contract for

Benidorm Municipal Council, the stations and trains in the Barcelona metro network, and the integral cleaning of Spanish Government buildings and offices.

OHL DEVELOPMENT

Main aggregates	2017	2016	Var. (%)
Sales	**48.2**	**130.8**	**-63.1%**
EBITDA	**2.0**	**28.4**	**-93.0%**
% of Sales	4.1%	21.7%	
EBIT	**-1.6**	**16.0**	**-110.0%**
% of Sales	-3.3%	12.2%	

Millions of euros.

The economic aggregates of this division underwent a significant change in scale following the asset rotation transactions at Mayakoba, which means that most of its assets are accounted for using the equity method as a result of the loss of control. Thus it posted sales of EUR 48.2 million that, in comparable terms and adjusting the recent transactions, would be similar to those of 2016. EBITDA totalled EUR +2.0 million, compared to EUR +28.4 million in 2016, which included that generated by the divested Mayakoba companies. In comparable terms, it is approximately 12% higher due to increased real estate sales.

The assets of this division include:

Mayakoba tourism development

On 21 December 2016, OHL Desarrollos and RLH Properties S.A.B. de C.V. entered into an agreement for the partial sale of the Group's interest in the main hotel subsidiaries of Mayakoba. The sale agreement includes a percentage of up to 80% of Fairmont and Rosewood (guaranteed minimum of 51%) and 51% of Banyan Tree, Andaz and Golf. On 24 April 2017, the sale was completed on 51% of these assets and on 18 May 2017 the sale was increased to 80% of the more mature assets (Fairmont and Rosewood).

The cash inflow at the end of June 2017 amounted to EUR 179.1 million -not yet collected- subject to the achievement of certain milestones, EUR 7.9 million. The gain obtained on this transaction, excluding the revaluation gain on the interest retained, was EUR 2.7 million.

The hotel subsidiaries in which the development business holds ownership interests include: 49.0% of the El Camaleón golf club; 43.3% of Banyan Tree; 9.0% of Andaz; 9.8% of Fairmont and 20.0% of Rosewood.

Ciudad Mayakoba

Worthy of note is the sound evolution of the projects being carried out in Ciudad Mayakoba, which have continued to advance with an excellent pace of sales and development, reaching between 90%-95% of inventory sales up for sale, as well as the international recognition and awards received (the project has been presented as a development model at the Habitat III congress, organised by the UN).

Centro Canalejas, Madrid

On 9 February 2017, OHL entered into an agreement to sell 17.5% of Centro Canalejas Madrid for EUR 78.8 million. The division continues to hold an ownership interest of 17.5%.

The transaction was completed on 7 April, EUR 68.1 million having been collected in 2017 net of expenses. The other EUR 3.5 million will be received when the project enters into operation. The gain obtained on this transaction was EUR 31.6 million. The project is currently at the construction phase and certain areas of the complex began to be marketed towards the end of 2017.

Old War Office

The emblematic Old War Office project, in which Development holds a 49% ownership interest, has successfully completed the licensing phase. Preliminary work has recently begun.

The assets of this division had a total carrying amount of EUR 369.7 million at 31 December 2017, as detailed below:

Asset	Ownership interest	Carrying amount millions of euros
Mayakobá	≤ 49%[1]	53.8
Ciudad Mayakobá	100%	165.4
Canalejas	17.50%	71.4
Old War Office	49%	79.1
		369.7

[1] Interests in subsidiaries of Mayakobá: 49.0% Golf, 43.3% Banyan Tree, 9.0% Andaz, 9.8% Fairmont and 20.0% in Rosewood.

III.- Main significant events after 2017 year-end

- On 9 January 2018, the shareholders at the Annual General Meeting approved the following resolutions:

  i. The transfer of 100% of OHL Concesiones, S.A.U. to Global Infraco Spain, S.L.U., under the terms and conditions of the report of the Board of Directors and the information communicated to the market, per the relevant event communications published on 16 and 17 October 2017.

  ii. Ratification of the appointment of Juan Luis Osuna Gómez as the Company's CEO.

  iii. Ratification of the appointment of Javier Goñi de Cacho as a proprietary director of the Company.

  iv. Reduction of share capital by EUR 7,326,425.4 through the retirement of 12,210,709 treasury shares, with a charge to unrestricted reserves.

  v. Amendment to the directors' remuneration policy, following a favourable report from the Nomination and Remuneration Committee.

vi. Approval of extraordinary remuneration of EUR 18 million to the CEO Juan Osuna Gómez, for his work and leadership in the process to sell the shares of OHL Concesiones, S.A.U.

- The public deed for the capital reduction approved by the shareholders at the Extraordinary General Meeting was filed at the Madrid Mercantile Registry on 6 February 2018.

d) Outlook for the near future

After the sale of OHL Concesiones, the Group is facing a new stage focused on its main businesses (Construction, Industrial, Services and Development), being eminently a construction company focused on achieving priority objectives such as:

- Prioritising profitability over growth.
- Ensuring sustainable cash flow generation in projects by strengthening the application of risk control mechanisms.
- Continuing with the rotation of mature assets to maximise their value.
- Simplifying the capital structure and reduce corporate debt, strengthening the Group's balance sheet.
- Recovering the trust of rating agencies and other stakeholders.

To this end, the Group has a solid portfolio of Engineering and Construction (E&C) projects, comprising the Construction, Industrial and Services businesses. Of particular note is the diversification of the backlog, both geographically and by project size, encompassing the majority of its business in three main geographical areas: The US, Latin America and Europe.

The Group has extensive past experience in these geographical areas, recurring business and the human and technical resources necessary to undertake the construction projects in compliance with the established risk control parameters. In the future, the Group will value new opportunities to invest in concession projects.

As regards Industrial's business, the company is continuing with the process of restructuring and integrating this activity into the Construction business and focuses on cement, mining and renewable EPC projects, operation and maintenance and fire protection, while withdrawing from EPC oil and gas and power projects. Synergies and a more efficient cost structure are expected as a result of this integration.

With respect to the Services business, this is a very mature business in a competitive environment and the Group must therefore be highly selective in the projects and markets in which it operates in the future, with priority being given to profitability.

In addition, the Group has a number of unique and diversified assets in the Developments division, which are in the development or construction phase and whose value has been recognised by leading investors. The Company has the opportunity to rotate these assets once they are mature and maximise their value, which can be an additional source of income.

Chapter II.- Strategy

a) Business model

I.- Strategic Plan

With the focus of its business on its areas of action, the OHL Group strengthened its leadership position in 2017, reaffirming itself as a Company that stands out for its experience in executing high value-added projects in the transport infrastructure and singular building sectors.

US

Following President Trump's announcement in August 2017 of an ambitious infrastructure plan, the US is committed to this industry as an engine for boosting the economy. This plan envisages accumulated investments until 2027 of up to USD 1.5 trillion. However, the construction market is expected to be affected to some extent by the introduction of a restrictive migration policy, as well as by the high budget deficit.

Currently, the US market represents more than a third of the total Construction backlog and is currently the Group's reference market. In 2017 it continued to strengthen its presence with more than EUR 1,500 million of contract orders. Notable among the most significant awards was the refurbishment of the Canarsie tunnel in New York for EUR 312 million (69.7% for the Group), the main communication link between Brooklyn and Manhattan, damaged after Hurricane Sandy.

LATIN AMERICA

The OHL Group's activity in Latin America was affected by the political and economic situation of the countries in the region. Worthy of note was the change of political cycle in Chile, with elections at the end of 2017; and in Mexico and Colombia, with general elections in 2018. Additionally, the impact of the Odebrecht case and the uncertainty created by the arrival of Donald Trump slowed down activity in the industry. However, from 2018 onwards macroeconomic indicators are expected to improve, with average GDP growth projected at around 2% per annum, according to International Monetary Fund forecasts.

Chile's construction industry is expected to be revitalised with the arrival of the new president, Sebastián Piñera, who will continue to drive the country's economic development through the promotion of public infrastructure with a programme that foresees the construction of an extensive road and motorway network, the expansion of the underground and the construction of a new international airport in Concepción or Antofagasta.

Also, in Peru, after the first year of the presidential term, infrastructure activity will focus on the recovery of the mining sector and the implementation of the Integral Reconstruction Plan, arising from the damage caused by the heavy flooding inflicted by the El Niño meteorological phenomenon, with planned investments of EUR 6,500 million over four years.

In Mexico, projects continue to be developed through the National Infrastructure Programme, with a percentage of completion of nearly 80%. In this Plan, valued at more than EUR 43,000 million, the construction of Mexico City's New International Airport stands out.

Also, in Colombia the Infrastructure Plan that began with the fourth generation of road concessions (4G) in the road sector, is expected to be consolidated.

In this context, the OHL Group has continued to strengthen its leading position in the region, through the various contracts awarded during 2017. Highlights include the improvement of the Moquegua Omate Arequipa road in Peru and the recent award of a contract at the world's largest underground copper deposit, the El Teniente mine in Chile. In addition, Codelco has awarded the contract for the Tranque Talabre expansion project in the Chilean city of Calama.

EUROPE

In Eastern Europe, of particular note is the positive forecast for the construction industry in the Czech Republic and Slovakia, the main countries for the OHL Group in the region, thanks to the support of the European Union through funds for infrastructure projects. The recovery of consumer and investor confidence in this market is evident in the consumer confidence index, which has been increasing progressively since 2012 and is expected to lead to a greater increase in investment in the country.

In Western Europe, the Nordic countries, especially Norway and Sweden, are consolidating their position as the main growth drivers for the Group in the coming years, thanks to the host of opportunities for contracts that are expected to be tendered in the coming years. These countries stand out for their political stability and the expected growth in the infrastructure market, with important state plans including the Norwegian government's National Transport Plan and Sweden's High-Speed Infrastructure Development Plan.

Thus, one of the OHL Group's achievements in 2017 was its entry into the Swedish market, thanks to the award of the project to improve the railway line between Lund and Arlöv (Malmö) amounting to EUR 106 million (49.3% of the joint venture), which is one of the most important railway projects in the country in the coming years.

In Spain, the Extraordinary Road Investment Plan (PIC), presented by the Prime Minister, Mariano Rajoy, in July 2017, and the recovery of GDP augur an improvement in the construction industry. The PIC envisages construction and maintenance works for approximately 2,000 kilometres of dual carriageways, with a total planned investment of EUR 5,000 million.

In 2017 several railway infrastructure maintenance contracts were awarded for ADIF.

THE COMPANY'S STRATEGIC PLAN

2017 was marked by significant changes in the Group's scope: the sale of the Concessions division to the fund Australian IFM was agreed on, for an estimated net price of EUR 2,235.0 million, a transformational transaction for the Company; and the divestment of other non-strategic

assets continued. The sale of Concessions leaves OHL with an important cash position, allowing the Group to continue its activity with an enhanced strategic position in the future.

Thus, OHL will begin a new phase in which the construction business, the most experienced in the Company, will be the mainstay of the Group's activity in those countries with the greatest competitive advantage and where growth prospects are more favourable.

In this context, a number of strategic priorities have been established to help the OHL Group consolidate its leading position in the markets in which it operates:

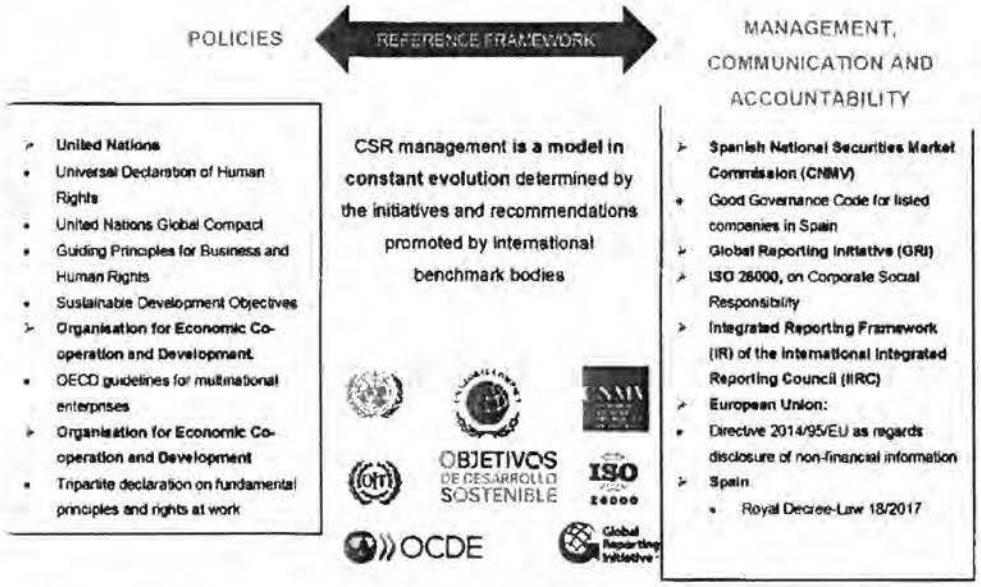
1. Promote the Group's construction business, focusing on those countries and regions where the Company has the most experience and minimising exposure to risk.
2. Maximise profitability and cash flow generation of projects in progress.
3. Guarantee a portfolio of profitable projects, with a commitment to a balanced mix of contracts in terms of size.
4. Continue the process of disinvestment of non-strategic assets.
5. Integrate the Industrial and Construction businesses.
6. Adapt the cost structure to the new size of the Company.
7. Strengthen recruitment and talent management policies.
8. Digital transformation: digitisation of production processes.

II.- CSR management

The OHL Group is aware that the new challenges presented at global scale require sustainable and responsible business management, committed to the development and well-being of society. Meeting these demands requires taking on challenges and integrating the sustainability strategy along the entire production chain of the business, with a long-term perspective of value creation and meeting the needs of its stakeholders.

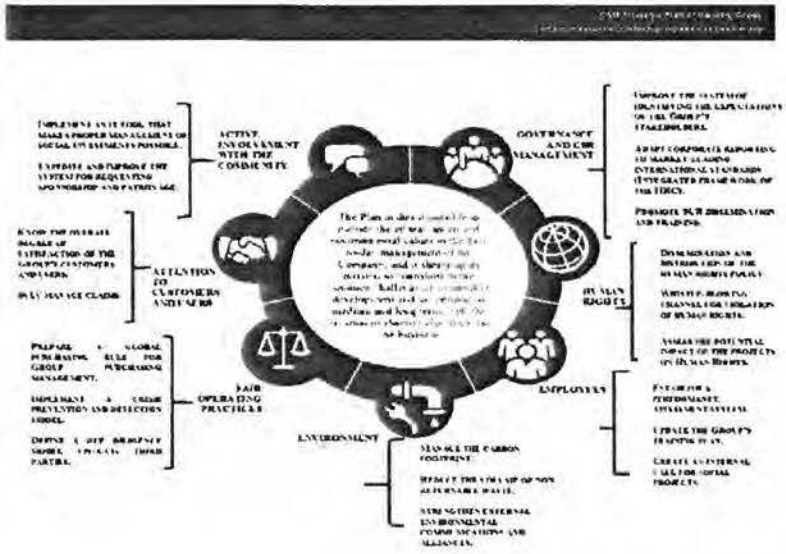
This approach has meant that the voluntary commitments made since 2003 by the OHL Group in the areas of human and labour rights, environmental protection, business ethics and transparency in the dissemination of information have led to the drafting of a total of ten corporate policies that apply across the entire OHL Group and, in addition to internal regulations, make up OHL's particular framework of action.

Further information: http://www.ohlcompromiso.com/presentacion/responsabilidad-corporativa/politicas/



As a signatory of the United Nations Global Compact, the Group works to disseminate and promote the Ten Principles.

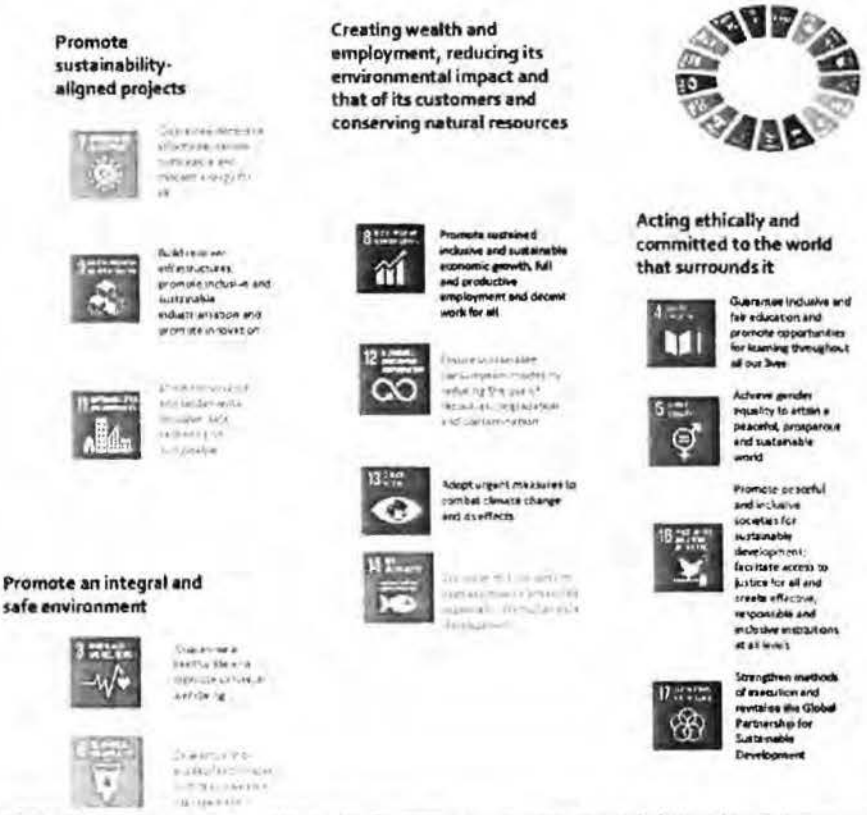
CSR, as a strategic tool for the OHL Group's sustainability management, is implemented through action plans. The 2015-2020 CSR Strategic Plan, articulated around the seven fundamental areas of ISO 26000, aims to act as a guide for the fulfilment of CSR commitments and unite efforts within the Group. The important changes that took place in 2017 in the business model, structure and organisation have led to the need to adapt the Plan to the new reality of the Group. This exercise was at the planning stage at the time of writing this report.



The Group-wide management of CSR is conducted through the highest governing body, the Nomination and Remuneration Committee of OHL's Board of Directors, which is responsible for promoting and monitoring the CSR policy, and the Sustainability Committee, chaired by the CEO and made up of the senior management of the OHL Group as the delegated body to coordinate and supervise CSR management.

SDGS AS A GUIDE TO FOCUS EFFORTS ON SUSTAINABILITY

In 2017 the OHL Group reaffirmed its commitment to meeting the 2030 Agenda, an action plan for people, the planet and prosperity. A total of 17 Sustainable Development Goals (SDGs) and 169 targets to end poverty, fight inequality and injustice and tackle climate change. The OHL Group assumes this role and contributes to tackling the collective challenge of sustainable development when carrying out its business activity. It therefore strives to integrate SDGs in its internal management.



The activities described in each chapter of this Report are associated with the SDGs on which they have an impact (see logos at the beginning of each section)
Further Information: GRI Tables

HOW WE CONVEY CSR

In 2017 the Group promoted internal communication of CSR through the training of all its employees. In this way, a new call to complete the CSR course has been designed and launched through the new training platform for obligatory online courses.

This has made it possible to strengthen employees' knowledge in this area and to consolidate its value as a transversal pillar of the Group.

2017 CSR training data

Through this course, in 2017 a total of 2,586 people in the Group received CSR training, totalling 10,344 hours of training.

In addition, the half-yearly CSR Newsletter disseminates relevant news and events, including interviews with Company executives that include the experience of integrating CSR in the development of the business.

In this regard, the OHL and Sustainable Development brochure gives visibility to the creation of value from the business activity itself. It includes successful CSR initiatives implemented in corporate services or in the business lines themselves.

Externally, OHL pays attention to requests for information from industry watchers and CSR-linked international organisations; it prepares documentation on its management in this area in business presentations and tenders, as well as for the working groups, meetings and specific conferences in which it participates.

The Group has been included in the FTSE4Good IBEX index since its launch in 2008. Featuring in this index distinguishes the Company as a committed value of special interest to investors who add to their profitability objectives their concern for ethical, social, environmental and good governance issues in business management.

FTSE4Good

Further Information.
Appendix 1 Relationship with analysts and international CSR bodies

III.- Directors' report by division

OHL CONCESIONES

In view of the process underway to sell all of the shares of OHL Concesiones, S.A.U., this business is carried as a discontinued operation in the consolidated financial statements.

The agreed-upon transaction excludes the sale of the two OHL concessions in liquidation, Cercanías Móstoles Navalcarnero S.A. (CEMONASA) and Autopista Eje Aeropuerto, for which OHL will be entitled to future collection of all compensation received arising from these liquidation processes.

For information purposes, please find attached as an Appendix in Chapter V information on the Corporate Social Responsibility of this business line.

OHL CONSTRUCCIÓN

The OHL Group's construction activity in 2017 was shaped by the development of projects in the fields of transport infrastructure and non-residential building construction. This activity focuses on eight markets: The US, Canada, Mexico, Chile, Colombia, Colombia, Peru, Spain and Central

Europe -as defined in the Group's Strategic Plan. Added to this was OHL's incursion into Norway, Sweden and Ireland.

ACTIVITY BY GEOGRAPHICAL AREA

North America

This is one of the Company's main markets, with total sales of EUR 1,126.3 million, 42% of the total for Construction and 35% of the Group's total. OHL continued to operate in key US states: Primarily, New York, California, Florida and Texas.

This fact is reflected in the achievement of outstanding projects such as the upgrade of the I-405 in California, the most important project in OHL's history in the country. Awarded by the Orange County Transportation Authority (OCTA) for an amount of close to EUR 679.0 million (56.5% of the joint venture), it represented for the Group a volume of work executed in 2017 of EUR 41.6 million. The construction work covers a 27.4 km stretch of the I-405 and consists of adding an additional lane in each direction and improving the slip roads, exits and bridges from State Road 73 to Interstate 605. This project consolidates OHL's presence in the State of California, where OHL currently has more than twelve ongoing projects with a value of EUR 1,300 million.

In New York, OHL is carrying out, through its subsidiary Judlau, the refurbishment of the Canarsie tunnel, damaged by Hurricane Sandy. Awarded by the New York Metropolitan Transportation Authority (MTA), for EUR 312.1 million, it includes the refurbishment and upgrade of infrastructure considered to be the main connection between Brooklyn and Manhattan, which also provides service to subway line L.

Other projects won in the USA in 2017 include:

- New York Outfall Replacement Project, for EUR 66.5 million.
- Illinois O' Hare International Airport Chicago, for EUR 42.8 million.
- Florida Medical Campus Center, for EUR 39.8 million.

Pacific Alliance

The Group's activities are focused on the markets that form part of the Pacific Alliance - Mexico, Peru, Colombia and Chile. Its joint activity translates into revenue that represents 19.2% of the total for Construction.

In Mexico, the construction of the first section of the Mexico-Toluca intercity train is noteworthy, with revenue of EUR 84 million. The project includes the construction of 36.15-km section.

In Chile, the Company is carrying out actions on Route 60 (Section 2, Sector 1, Variante Panquehue), on which the work performed totals EUR 80 million.

In Peru, OHL is upgrading the Moquegua-Omate-Arequipa road, in a 118-kilometre section of the Moquegua-Sierra Sur in Peru, between the departments of Arequipa and Moquegua; and is working on cleaning and eliminating material from the Piura river (Peru) in the 14-kilometre section that runs from Laguna San Ramón to the Cordillera sector, within the framework of the Amended

Reconstruction Plan*(Plan de Reconstrucción con Cambios)* of the Peruvian Government to reconstruct the areas of the country most affected by the 2016–17 South America floods *(El Niño Costero)*.

Europe

The Company's activity in Europe (Spain, Czech Republic and Slovakia and the Nordic countries) represents 32% of Construction revenue. It should be noted that projects in this area are of lower volume and the revenue is more fragmented among a greater number of initiatives.

After OHL's entry into Norway in 2016, thanks to winning the EUR 67.4 million EPC Ski project, OHL made its way into another Nordic country, Sweden, in 2017, where it will improve the railway line between Lund and Arlöv stations in Malmö, one of the country's busiest rail routes. The contract, awarded by Trafikverket (Swedish Transport Administration), for EUR 106 million (49.3% of the joint venture), will cover the construction of the first 8 km section between the Swedish cities of Arlöv-Flackarp, as well as the construction of three new stations, four overpasses and two underpasses.

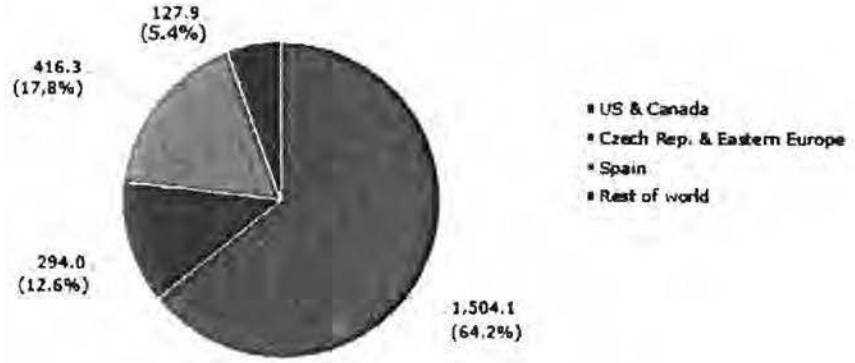
In Ireland, the Company is carrying out its first hospital contract in Ireland, the construction of the National Forensic Mental Health Hospital (NFMHS) in Portrane, north of Dublin, for more than EUR 120 million (50% of the UTE). The project was awarded by the Health Service Executive and includes the construction of a forensic hospital for the mentally ill within the St. Ita's Hospital complex. It will have an area of 24,000 m^2 distributed among 170 rooms; a 30-bed intensive care rehabilitation unit, 13 hospital wards and a primary health care centre.

Other European projects

- Marmaray CR3 Project (Turkey), with work performed in the year of EUR 122.3 million.
- Expansion of the port of Bilbao (Spain), with more than EUR 34.3 million of production in the year.

MAIN CONTRACTS AWARDED IN 2017

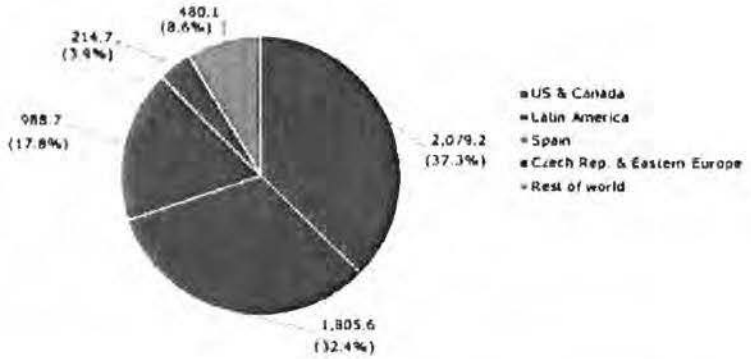
In 2017 Construction won contracts amounting to EUR 2,342.3 million, broken down as follows:



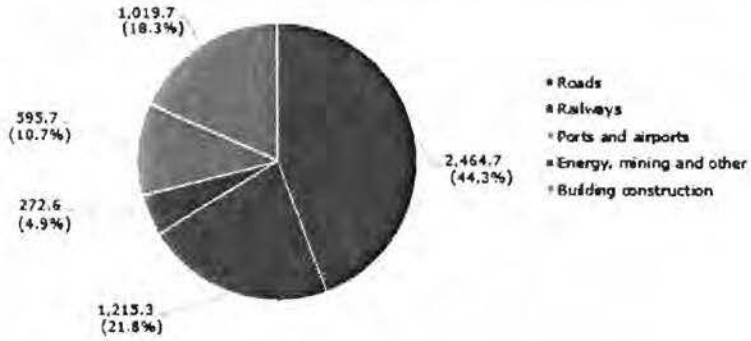
These results reinforce the OHL Group's commitment to its home markets, where contracting represents 93.8% of the total number of new contracts.

CONSTRUCTION DIVISION BACKLOG AT 2017 YEAR-END

2017 ended with a backlog of EUR 5,568.3 million, the distribution of which by market and type of project is as follows:



Distribution of the backlog by type of project (millions of euros)



According to these data, 83% of the backlog is oriented towards civil engineering work and building construction, with the backlog of building construction being practically all non-residential building construction.

In relation to the size of the projects, within the Strategic Plan, it was decided to diversify risk through the distribution of the backlog into smaller projects. Currently, 77.5% of the total amount of projects in the backlog corresponds to projects with a size of less than EUR 300 million.

Success stories

Second Avenue Subway. New York, USA

Innovation, sustainability and accessibility are three of the features on which the construction project for stations 72 and 63 is based, integrated into the new subway line on Second Avenue, which extends the services of the Q and F lines of the New York subway. The project, awarded

by the Metropolitan Transport Authority (MTA) to Judlau, the Group's New York subsidiary, is the first major expansion of the city's subway system in the last six decades.

The project includes the use of the BIM (Building Information Modelling) methodology in the construction of station 72. This is an innovative platform that incorporates collaborative modelling techniques in multiple dimensions; they cover the entire project life cycle and make it possible to visualise changes in each of the dimensions and areas simultaneously and dynamically.

From the accessibility standpoint, the new infrastructure has a design that conforms to the standards of the Americans with Disabilities Act (ADA) and its image responds to the cultural diversity that characterises New York, thanks to decoration by artists from several countries, within the framework of the Arts for Transit program promoted by the MTA.

In addition, Judlau received a commemorative award by Friends of the New York Transit Museum in November 2017, which recognises the benefit of its construction for the more than 200,000 users who use it every day.





EPC SKI. Ski, Norway

The Group is carrying out the EPC Ski contract in Norway as part of the Follo Line high-speed railway project, one of the leading transport initiatives in Norway. The work covers a 3.5 km-long stretch of track, which will enable trains to reach 250 km/h, and includes the reconstruction of the Ski city railway station, the redevelopment of its surroundings and all railway facilities related to the reconstruction of the existing line and the new line.

The project will lead to an improvement in the quality of life of the inhabitants and the commercial development of the area where the infrastructure is located, by reducing the travel time of the Oslo-Ski route by 50% (11 minutes compared to the 22 minutes in which the journey was being made). It will also reduce CO_2 emissions through reduced use of private transport while decongesting traffic in southern Oslo at peak times of day. In addition, the use of this new infrastructure will make it possible to increase the capacity of rail traffic arriving to and departing from Oslo.

OHL INDUSTRIAL

In 2017 Industrial continued with the process of its integration with the Construction division, with which it has significant synergies (e.g. mining sector), with a view to training in Engineering and Construction.

COMPLETION AND OPTIMISATION OF EPC PROJECTS ALREADY CONTRACTED

In Mexico, where, in recent years Industrial has carried on most of its activity, the completion of the Cydsa II 60-MW cogeneration plant in Coatzacoalcos is noteworthy. To this are added the two completed project management contracts for the gas pipelines of the Ramones north and south segments.

Also in Mexico and for Pemex, the Company completed, from a mechanical standpoint, a sulphur solidification plant; and by the end of 2017, it had practically completed (99.4%) of the 30-MW cogeneration plant at the Madero refinery, for which early completion was requested.

In addition, the Degollado pumping station and the Cadereyta hydrogen generation plant are also in the final mechanical phase. In addition, the Empalme I 770-MW combined cycle plant in Sonora, which Industrial executed for CFE during 2017, is scheduled to be provisionally accepted in 2018.

In Guatemala, Industrial brought the 55-MW Xacbal hydroelectric plant into service in the fourth quarter of 2017. In Colombia, the construction of the cement plant for the company Ecocemento, in which the Molins Group holds a stake, is proceeding, with an estimated production of 3,150 tonnes of cement per day.

In Jordan, Industrial is constructing a storage terminal for oil-based products, which is scheduled to be completed in 2018. In addition to this initiative, there are two solar PV projects in the country for Al Mafraq Empire; and in Oman, the Group is carrying out the condensate recovery unit for the state-owned company PDO, which will be completed at the beginning of 2018, as well as performing the cycle closure of Saih Rawl.

OUTLOOK

Mining and cement

The worldwide recovery of the raw materials sector is making it possible to redirect part of Industrial's commercial objective towards mining projects in international markets. This triggered, in 2017, commercial activities with the large mining undertakings from Chile (Codelco) and Peru (CB Holdings or Brocal).

Renewable energies

The Middle East and Latin America are becoming target markets for the development of renewable energy projects (mainly solar PV and wind power). In this regard, of particular note is the obtainment, at the beginning of 2017, of the renewable energy projects in Jordan for Fotowatio, a recurring customer of Industrial.

Operation and Maintenance

The aforementioned activities will be complemented by the opportunities identified in the areas of O&M, as well as those of industrial services, in the home markets in which the Company operates.

Fire safety systems

In 2017 reduced activity was maintained in the adaptation of the nuclear sector in Spain. However, greater activity was detected in the field of fire safety systems inspection.

which would make it possible to increase the commercial demand for these services and comply with market requirements and the legislation in force in this area.

MOST SIGNIFICANT AWARDS

The main contracts in Industrial amounted to EUR 150 million in 2017 and reflect the new approach described above.

To the two solar PV projects in Jordan for Fotowatio, amounting to EUR 68.3 million, are added the Shauhindo mining crushing project (Peru) totalling EUR 17 million and the transport and crushing machinery for Power Machines (Vietnam) amounting to EUR 15.6 million. To this must be added the EUR 23 million derived from fire safety business in Spain and Mexico, and EUR 27 million achieved through the activity of O&M and industrial engineering carried out in habitual industrial markets in Latin America, especially in Chile.

Success stories



Valiente wind farm. Gurrea de Gállego, Huesca, Spain

The Group will be responsible for the engineering, civil engineering works and power evacuation infrastructure of the Valiente wind farm. The facility will be fitted with ten 2.0-MW G114 WTGs and has a total rated capacity of 20 MW.

In its construction and design, measures will be applied to minimise the environmental impact, resulting in significant savings in emissions compared to other technologies, which will in turn have an effect on the protection of native species and respect and guarantee the continuity of agricultural activity in the area. In addition, the project will encourage local employment during its construction and operation phases. This is the first project of its kind to be built in this area, after the energy reform, and it will be the first of several projects planned for construction in the region next year.

OHL SERVICES

In 2017 Services followed a recovery trend in the Spanish market while continuing to make progress in its internationalisation in countries such as Mexico and Chile.

As regards the division's activity, the year was used to consolidate the activities in the urban services area, thanks to the incorporation of new contracts in cities where no such work was being carried out: Huelva, Granollers and Bilbao, which exceed EUR 25 million.

On the other hand, the cleaning sector, with EUR 9,970 million managed in Spain, experienced growth of 1.8% compared to 2016; and for 2018 and 2019 growth is expected to be slightly below 2%.

The building maintenance sector generated revenue of EUR 8,170 million, and registered an increase of 1.7% with forecast growth of 1.7% and 1.6% for 2018 and 2019, respectively.

The urban services market in 2017 confirmed the slight increase experienced in 2016, after five consecutive years of declines. It generated revenue of EUR 5,475 million, 2% up on 2016, when the change was 1.4%. Growth is expected to be around 2.5% in 2018.

In the home-based care services sector, it is expected that business will increase by 2.9% in 2018, reaching EUR 1,500 million.

Despite this incipient improvement in the markets in which Services operates, profitability in these sectors has fallen. Particularly significant was the loss of profitability due to the political instability in Catalonia. Even so, the Company's billings were higher than those of the leaders in the sector, rising 13% from EUR 175 million in facilities management to EUR 198 million. Billings in urban services (EUR 39 million) also grew by 56% compared to 2016, consolidating the strong growth in this activity that generates a higher operating margin.

OHL Services maintained its EBITDA in 2017 in Spain, rising from 1.3% to 1.5%, despite the reduction in profitability experienced by leading companies in the sector, thanks to the division's significant effort in terms of reducing structural costs.

CONTRACTS AND BACKLOG

In terms of contracts, Services achieved revenue of EUR 237.7 million in 2017, consisting of a backlog of EUR 355.8 million, equal to 18 months, well above the average for comparable companies in the sector.

NEW CONTRACTS AWARDED in 2017

With a backlog of more than 500 contracts in force, of particular note in the various business lines are the following:

Cleaning

- Cleaning service for Metro de Madrid stations. Lot 4 (lines 8 and 10) for EUR 26.0 million (48-month period).
- General cleaning services and related services at the Ministry of Defence facilities (includes all offices in Extremadura, Andalusia and Murcia) for EUR 21.4 million (24-month period).
- Comprehensive cleaning service for local buildings and offices of the Spanish Government, located in the Community of Madrid, for EUR 15.6 million (30-month period).

Social and health care sector

- Management and administration of the Fortpienc municipal assisted residence and day centre. Barcelona City Council for EUR 8.7 million (24-month period).
- Management under a concession arrangement of the "Mossen Vidal i Aunos" residence and day care centre, Department of Welfare and Family, Barcelona. Catalonia Autonomous Community Government, for EUR 4.0 million (24-month period).

Maintenance

- Maintenance, repair and conservation contracts in several districts of the Madrid City Council, for EUR 11.5 million (period between 12 and 24 months).
- Maintenance service of the administrative buildings of the Galicia Autonomous Community Government and the energy supply of the administrative complex of San Caetano, for EUR 6.7 million (28-month period).

Urban services

- Street and beach cleaning service in the municipalities of Isla Cristina and Cartaya, Huelva, for EUR 10.4 million (48-month period).
- Service for the conservation of green and wooded areas in several districts of Torrejón de Ardoz, Madrid, for EUR 8.7 million (48-month period).

OUTLOOK

Cleaning

The sector has shown moderate growth in Spain, thanks to the increase in GDP. Services has consolidated itself in the public sector and is beginning its expansion in the private sector with an extension to more specialised sectors, such as industrial, transport, hospitality, retail or food.

Social and health care sector

This sector has a positive growth outlook thanks to family spending power and greater dynamism as regards public-sector contracts.

Building maintenance

There is a marked improvement in this market in terms of investment. It is expected that the brand will be consolidated in this sector through geographical positioning, with the aim of continuing to grow in the energy efficiency sector and incorporating it into new areas such as public lighting and the industrial environment.

Energy efficiency

Worthy of note are the new criteria for calculating the debt relating to the investments made in contracts for public authorities through energy service companies and the new Public Procurement Law.

OHL Services will continue to back:

- Efficiency in buildings and facilities.
- Street lighting, in medium-sized towns.

Urban services

This sector will continue to base its development on strong competition due to the extension of the deadline for the resolution of public tenders.

One of the main challenges for this year is the entry into the activity of waste treatment that closes the urban management cycle.

Management environment

Measures aimed at improving the profitability of contracts and reducing management risks include:

- Improvement of processes in the commercial area, introducing the use of a CRM (Customer Relationship Management) in the commercial process of planning the sales process, preparation of the offer, follow-up of the commercial action and analysis of results.
- Strengthening of risk management with the implementation of the due diligence review process and analysis of relations with third parties, and the implementation of actions to reduce accidents at work and absenteeism, among others.

Success stories



Responsible residence management Residència i Centre de Dia Fort Pienc. Barcelona, Spain

The OHL Group's commitment to the well-being of society is evident, among other aspects, in its management of homes for the elderly, distinguished with the Joint Commission International (JCI) accreditation, awarded to UTE OHL Servicios-Ingesan and Mensajeros de la Paz, responsible for the Fort Pienc Residence and Day Care Centre of the Barcelona City Council. It acknowledges compliance with the requirements of quality of care, safety in high-risk medication, reducing the risk of infections associated with health care or reducing the risk of injury to residents caused by falls.

Complementarily, the centre carried out projects aimed at making the elderly socially visible and promoting intergenerational exchange. The *Viure millor a casa (Living better at home)* programme is of particular note, as it provides professional advice at home to users of day centres in order to inform them about mobility techniques, patterns of stimulation in daily life, the elimination of architectural barriers and the day-to-day life of people in a situation of dependency and their families. Also, in order to promote generational exchange, residents and users of the day centre share weekly leisure time with students from the children's education centre and the El Tren de Fort Pienc municipal nursery school.

Furthermore, the *Bici sense edat (Cycling without age)* activity has also been carried out at the centre, organised by the Barcelona City Council and has been used to promote the ability of older people to ride a bicycle, thanks to the use of electric tricycles.

OHL DEVELOPMENT

In 2017 the division continued to develop its activity with the aim of entering into preliminary phase projects and, at the same time, disinvesting in those projects that have reached a sufficient degree of maturity to capitalise on value creation.

SIGNIFICANT ACTIVITIES IN 2017

Inclusion of an investor in the Mayakoba tourism development hotel projects

Located 10 km from Playa del Carmen, in an area of approximately 240 hectares, stands Mayakoba, a tourism development that boasts four hotels in operation, operated by some of the most prestigious international hotel chains, all of them in the 5 star luxury category: Fairmont (401 rooms), Rosewood (128 rooms), Banyan Tree (132 rooms) and Andaz (213 rooms), as well as the El Camaleón golf course, designed by Greg Norman and the only one to host, until 2017, an official tournament of the prestigious circuit PGA outside the USA and Canada.

In September 2016, a market survey process began that culminated in the first quarter of 2017, after completing the transaction with the Mexican investment group RLH Properties, S.A.B. de C.V. (RLH).

The transaction consisted of the acquisition by RLH of an 80% stake in the share capital of the companies owning the Rosewood Mayakoba and Fairmont Mayakoba hotels, as well as 51% of the share capital of the companies owning the Banyan Tree Mayakoba, Andaz Mayakoba and the El Camaleón golf course. This heterogeneity in the divestment of investments is due to the different levels of maturity achieved, with greater divestment in the more mature assets.

Celebration of the 11th Anniversary of the OHL Classic at Mayakoba

In November 2017, the 11th OHL Classic at Mayakoba, the only PGA Tour sponsored and named by the Group, was hosted by the El Camaleón Golf Course. The tournament featured a field of 132 players and was won by the American Patton Kizzire.

Progress of the Ciudad Mayakoba projects

In 2017 Ciudad Mayakoba continued to make progress in its consolidation in the Playa del Carmen real estate market, in its different projects -Mayakoba Trails, Lagunas de Ciudad Mayakoba and Jardines de Ciudad Mayakoba-.

In addition, agreements were reached in 2017 to launch additional projects for the global development and consolidation of Ciudad Mayakoba: La Ceiba de Ciudad Mayakoba, houses of innovative design that will begin to be marketed in February 2018; Altos de Ciudad Mayakoba, characterised by having 100% vertical, medium-high level housing, which will foreseeably be launched commercially in February 2018; and Mayakoba Country Club, the most relevant and largest project in all of Ciudad Mayakoba, with more than 500,000 m^2 of single-family and multi-family lots for sale. This large medium-high and high housing project will begin to be sold commercially in 2018.

Awards and prizes In 2017 Ciudad Mayakoba participated again in the Habitat III congress, organised by the UN, an event of the utmost importance that takes place every 20 years and is a meeting point and discussion point for determining urban development policies for the next two decades. Ciudad Mayakoba was invited as a model of planned community development in tourism development centres, and as an example of joint participation between business, government and UN-Habitat in the generation and management of public spaces that integrate the community.

Progress at Centro Canalejas, Madrid

Throughout 2017 and after the inclusion of Mohari Ltd as a new shareholder in the capital of the project in March, the progress of Centro Canalejas, Madrid continued in accordance with the action plan, with the aim of opening to the public in mid-2019.

The project has all the necessary permits for the completion of the works, and the City Council approved the Special Plan for Underground Transport Infrastructure of Sevilla-Canalejas, which provides a solution to the entrances and exits, both for parking and loading and unloading of Centro Canalejas, Madrid.

At the end of 2017 sales of the Canalejas Commercial Gallery and the residences started, and has been warmly received.

Progress on the Old War Office project

There were many and very important achievements in 2017 in the Old War Office project that Development is carrying out in London, together with the Hinduja Group.

First of all, there is a binding proposal for the financing of the project, in addition to the design and urban procedures with the incorporation of two interior design firms of the highest international prestige.

In February 2017 the City Council approved the project and in July the final agreement was signed with it and the Directorate General of Historical Heritage, which consolidated all approvals in addition to the changes of use and all the necessary urban planning requirements. Worthy of note is the substantial increase in built surface area, which improves the economic viability of the project.

2017 was also very important in terms of defining the various businesses to be developed in the building. The first major milestone was the selection and signing of contracts with the hotel operator Raffles. Once the partner had been selected, every effort was made to define the best strategy for the residential component.

Construction work has now commenced. Certain preliminary tasks (soft strip) were started in December 2016 and in July 2017 the contractor was selected to execute the first work package (demolition, excavation and structure). Work commenced in October and, in parallel, the selection process for the general contractor was initiated, which is expected to end in 2018.

Ongoing projects





Jardines de Ciudad Mayakoba. Ciudad Mayakoba. Playa del Carmen, Mexico.

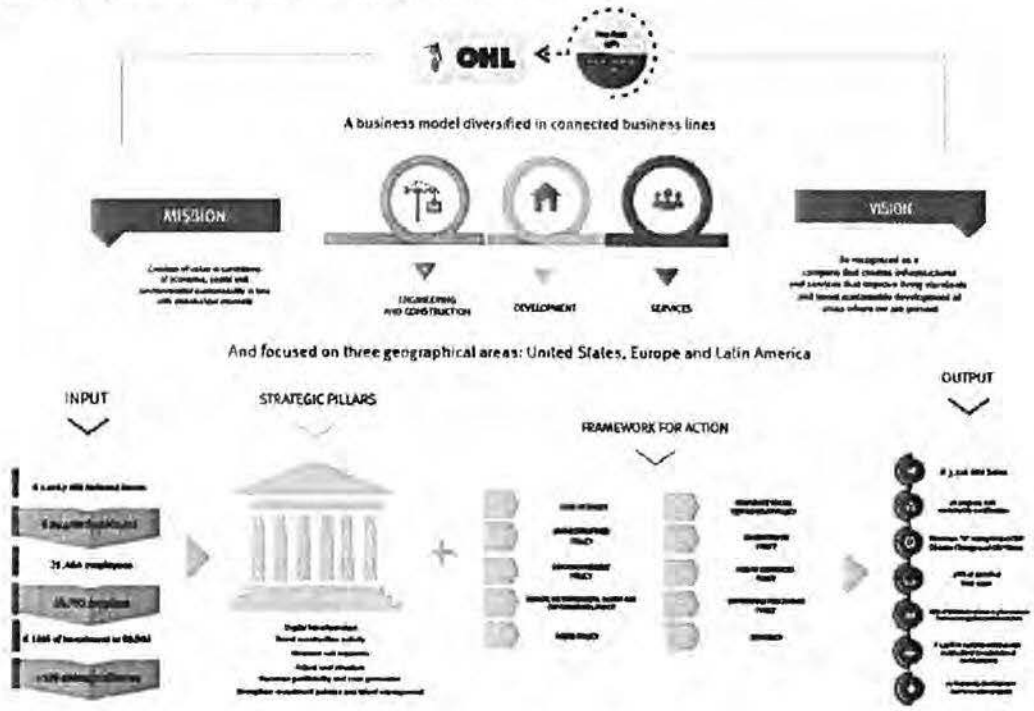
In the vicinity of Playa del Carmen, in the Riviera Maya, lies Jardines de Ciudad Mayakoba, an innovative residential project of affordable and protected housing located in a natural environment of 38.7 ha. Its use is intended for personnel who work in

hotels at the Mayakoba complex, with the aim of helping to reconcile work and personal life, and to prevent them from travelling for up to three and four hours a day.

Jardines de Ciudad Mayakoba is part of the Ciudad Mayakoba development, an initiative managed by the Group through Development. It will house residences and educational, hospital, commercial, cultural, and sports services, extensive green areas, biological corridors and pedestrian and bicycle paths. It will also have a golf course and a large 10 ha metropolitan park.

The first phase, currently under development, includes the construction of 3,576 dwellings that correspond to five models of houses and flats, with an extension that ranges from 45 m^2 to 98 m^2, distributed in two, three and four heights. Its surroundings are characterised by a neighbourhood park of 11,459 m^2, a basic commercial area and 5.36 hectares of green areas.

Chapter III.- Generating value



a) Financial value

As a result of the decision to sell all the shares of OHL Concesiones, this business is presented as a discontinued operation, and the profit or loss of this operation and that corresponding to non-controlling interests are presented separately in the consolidated statement of profit or loss, with the adjustment of the figures for 2016. Also, in the consolidated balance sheet the non-current assets and liabilities of this operation are presented as discontinued operations.

I.- Statement of profit or loss

	2017	2016*	Var. (%)
Revenue	**3,216.4**	**3,342.4**	**-3.8%**
Other operating income	166.8	181.5	-8.1%
Total operating income	**3,383.2**	**3,523.9**	**-4.0%**
% of sales	105.2%	105.4%	
Operating expenses	-2,600.4	-3,245.4	-19.9%
Staff costs	-839.3	-854.8	-1.8%
Gross loss from operations	**-56.5**	**-576.3**	**-90.2%**
% of sales	-1.8%	-17.2%	
Depreciation and amortisation charge	-73.4	-100.3	-26.8%
Period provisions	-2.8	-29.4	-90.5%
Loss from operations	**-132.7**	**-706.0**	**-81.2%**
% of sales	-4.1%	-21.1%	
Finance income	35.5	24.7	43.7%
Finance costs	-86.4	-93.1	-7.2%
Changes in fair value of financial instruments	32.6	-74.0	-144.1%
Exchange differences	-26.8	8.4	-419.0%
Impairment and gains or losses on disposals of financial instruments	-1.5	99.1	-101.5%
Financial loss	**-46.6**	**-34.9**	**33.5%**
Result of companies accounted for using the equity method	-45.5	-148.9	-69.4%
Loss before tax	**-224.8**	**-889.8**	**-74.7%**
% of sales	-7.0%	-26.6%	
Income tax	7.3	32.1	-77.3%
Loss for the year from continuing operation	**-217.5**	**-857.7**	**-74.6%**
% of sales	-6.8%	-25.7%	
Profit for the year from discontinued operations net of tax	497.6	622.3	-20.0%
Consolidated profit/loss for the year	**280.1**	**-235.4**	**-219.0%**
% of sales	8.7%	-7.0%	
Profit attributable to non-controlling interests	-292.2	-197.0	48.3%
Loss attributable to the Parent	**-12.1**	**-432.4**	**-97.2%**
% of sales	-0.4%	-12.9%	

Millions of euros

*Restated.

The Group's revenue in 2017 amounted to EUR 3,216.4 million, down 3.8% from 2016, due largely to the decrease in Construction activity.

The Engineering and Construction Division obtained revenue of EUR 3,168.2 million in 2017, which represents a decrease of 1.4% and accounts for 98.5% of the Group's total revenue.

OHL's main line of business after the discontinuation of the Concessions business is that relating to the Construction division, whose sales of EUR 2,660.7 million represent 82.7% of total sales and a drop of 4.1% with respect to 2016, due mainly to the fall in activity in the US and the delay in the commencement of concession projects in Latin America.

The revenue of the Development Division, which accounts for a comparatively much smaller 1.5% of total sales, decreased by 63.2% with respect to 2016, principally as a result of the sale in April and May 2017 of the hotel companies and the El Camaleón golf course in Mayakoba (Riviera Maya, Mexico). In like-for-like terms, sales would be virtually unchanged between periods.

In 2017 77.3% of revenue was generated outside Spain, as compared with 78.4% in 2016.

As regards the distribution of sales by geographical area, the US and Canada represent 34.7% of the total, Spain 22.7%, Central and Eastern Europe 8.4% and Mexico 8.3%.

Total operating income amounted to EUR 3,383.2 million in 2017, a drop of 4.0% with respect to 2016.

EBITDA totalled EUR -56.5 million in 2017, -1.8% of revenue.

May 2017 saw the ratification of the collective redundancy agreement between OHL, S.A. and OHL Industrial, S.L. and the workers' representatives that led to the elimination of 457 jobs. The estimated expenses associated with this and other similar collective redundancy procedures, amounting to EUR 40.1 million, and the loss of EUR 36.4 million on the Gustavo Fricke Hospital project in Chile were deducted from EBITDA. Disregarding these two effects, EBITDA totalled EUR +20.0 million.

Substantially all of the Group's positive EBITDA was generated outside Spain, primarily in Mexico and the US.

EBIT amounted to EUR -132.7 million, although without the effect of the collective redundancy procedure mentioned above and other similar procedures it would have totalled EUR -56.2 million.

Finance income minus finance costs totalled EUR -50.9 million in 2017, the improvement with respect to the EUR -68.4 million recorded in 2016 being due to lower average interest rates in 2017.

The gross recourse borrowings amount to EUR 68.0 million.

Main disposals of investments in companies

The most significant disposals of ownership interests in companies in 2017 were:

- On 7 April 2017, 17.5% of the shares of Centro Canalejas Madrid, S.A. were sold.

- On 28 April 2017, a 51% ownership interest in the hotel companies and El Camaleón golf course in Mayakoba was sold, and on 18 May an additional interest of 29% in two of the hotel companies (Fairmont and Rosewood), also in Mayakoba, was sold.

The following table details the impact on each statement of profit or loss line item:

2017	Canalejas	Mayakoba	Total
Selling price	**78.8**	**186.9**	**265.7**
Impact on profit or loss			
Exchange differences	-	38.3	38.3
Changes in fair value of financial instruments	-1.8	0.8	-1.1
Result of companies accounted for using the equity method	-	-11.6	-11.6
Impairment and gains or losses on disposals of financial instruments	33.4	-24.7	8.7
Total impact on profit or loss	**31.6**	**2.7**	**34.3**

Millions of euros

2016	Construction concession operators
Selling price	**142.0**
Impact on profit or loss	
Exchange differences	-
Changes in fair value of financial instruments	-77.9
Result of companies accounted for using the equity method	-
Impairment and gains or losses on disposals of financial instruments	90.9
Total impact on profit or loss	**13.0**

Millions of euros

The **changes in fair value of financial instruments** amounted to EUR 32.6 million due to the effect of the increase in the value of the foreign currency derivatives. In 2016 EUR -74.0 million were recorded, due mainly to the sale of Construction concession operators that incurred losses as a result of the revaluation of derivatives associated with those assets.

Exchange differences amounted to EUR -26.8 million in 2017, a negative change with respect to the EUR 8.4 million recognised in 2016.

In addition, in 2017 the exchange differences included EUR +38.3 million as a result of the sale of the Mayakoba companies, which partially offset the negative effect of the transactions mainly in Qatari reals, Canadian dollars and Algerian dinars.

The **impairment and gains or losses on disposals of financial instruments** amounted to EUR -1.5 million and include mainly EUR +8.7 million relating to the principal divestments indicated above, plus an impairment loss of EUR -10.0 million on the shares of Banco Popular, S.A. owned by the Group.

The figure in 2016 included the gain of EUR +90.9 million on the sale of the construction concession operators.

The **result of companies accounted for using the equity method** totalled EUR -45.5 million in 2017 and includes most notably the loss arising from the revaluation of the ownership interest retained in Mayakoba, amounting to EUR -11.6 million, and the loss of EUR -26.7 million of the

consortium carrying out the Toronto subway project. It should be noted that in 2016 a loss of EUR 149.4 million was recognised in relation to the Centre Hospitalier de l'Université de Montréal (CHUM) construction project.

The **loss before tax** amounted to EUR -224.8 million in 2017.

Income tax totalled EUR 7.3 million in 2017, reflecting an effective tax rate of 27.7%, as compared with 27.9% in 2016.

This rate was calculated by eliminating the results of companies accounted for using the equity method and other items without any tax effect, and it must be taken into consideration that the Group does not recognise tax assets if it is not certain that they will be recovered. The change in tax rates in the US had practically no effect on the Group.

The **profit for the year from discontinued operations net of tax** relates to the Concessions activity and amounted to EUR 497.6 million in 2017, as compared with EUR 622.3 million in 2016. The detail of the main aggregates is shown in the Appendices.

The**profit attributed to non-controlling interests** amounted to EUR 292.2 million, of which EUR -0.4 million relate to **continuing operations** and EUR 292.5 million to **discontinued operations**.

The loss attributable to the Parent totalled EUR -12.1 million in 2017. Disregarding the impact of the collective redundancy procedure, legacy projects and other effects, totalling EUR -76.5 million, plus other impairment losses on financial assets, amounting to EUR -10.0 million, it would totalled EUR 74.4 million, 2.3% of revenue.

II.- Balance sheet

	31/12/2017	31/12/2016	Var. (%)
Non-current assets	**1,665.3**	**8,589.0**	**-80.6%**
Intangible assets	243.9	287.0	-15.0%
Concession infrastructure	66.8	6,439.6	-99.0%
Property, plant and equipment	212.1	257.0	-17.5%
Investment property	73.3	66.8	9.7%
Investments accounted for using the equity method	303.1	513.6	-41.0%
Non-current financial assets	501.0	402.9	24.3%
Deferred tax assets	265.1	622.1	-57.4%
Current assets	**10,543.2**	**4,331.3**	**143.4%**
Non-current assets classified as held for sale and discontinued operations	8,023.6	492.0	1530.8%
Inventories	152.4	211.9	-28.1%
Trade and other receivables	1,753.5	2,103.2	-16.6%
Other current financial assets	140.1	663.5	-78.9%
Other current assets	39.4	42.8	-7.9%
Cash and cash equivalents	434.2	817.9	-46.9%
Total assets	**12,208.5**	**12,920.3**	**-5.5%**
Equity	**4,183.3**	**4,042.9**	**3.5%**
Shareholders' equity	**2,918.0**	**3,027.9**	**-3.6%**
Share capital	179.3	179.3	0.0%
Share premium	1,265.3	1,265.3	0.0%
Reserves	1,485.5	2,015.6	-26.3%
Loss for the year attributable to the Parent	-12.1	-432.3	-97.2%
Valuation adjustments	**-751.3**	**-588.2**	**27.7%**
Equity attributable to the Parent	**2,166.7**	**2,439.7**	**-11.2%**
Non-controlling interests	**2,016.6**	**1,603.2**	**25.8%**
Non-current liabilities	**1,124.1**	**5,453.9**	**-79.4%**
Government grants	2.2	2.1	4.8%
Long-term provisions	50.1	199.4	-74.9%
Non-current bank borrowings*	893.5	3,777.1	-76.3%
Other non-current financial liabilities	4.4	53.0	-91.7%
Deferred tax liabilities	139.5	1,246.3	-88.8%
Other non-current liabilities	34.4	176.0	-80.5%
Current liabilities	**6,901.1**	**3,423.5**	**101.6%**
Liabilities associated with non-current assets classified as held for sale and discontinued operations	4,141.7	220.0	1782.6%
Short-term provisions	225.4	298.2	-24.4%
Current bank borrowings*	880.7	815.2	10.6%
Other current financial liabilities	4.7	7.1	-33.8%
Trade and other payables	1,614.9	1,915.4	-15.7%
Other current liabilities	233.7	367.6	-36.4%
Total equity and liabilities	**12,208.5**	**12,920.3**	**-5.5%**

* Including bank borrowings and bond issues.

Millions of euros.

The detail of the main headings in the consolidated balance sheet as at 31 December 2017 and of the changes therein with respect to 31 December 2016 is as follows:

Concession infrastructure: this line item includes all of the Group's concession infrastructure. The balance of EUR 66.8 million at 2017 year-end represents a decrease of EUR 6,372.8 million with respect to 31 December 2016, due largely to the transfer to "Non-Current Assets Classified as Held for Sale and Discontinued Operations" of the assets of the Concessions Division, which at 31 December 2016 amounted to EUR 6,386.3 million.

At 31 December 2017, the main concession operator was Sociedad Concesionaria Aguas de Navarra, S.A., contributing a balance of EUR 66.2 million to this line item.

Investments accounted for using the equity method: the balance of EUR 303.1 million at 2017 year-end represents a decrease of EUR 210.5 million with respect to 31 December 2016, due largely to the transfer to "Non-Current Assets Classified as Held for Sale and Discontinued Operations" of the companies in the Concessions Division, which at 31 December 2016 amounted to EUR 296.4 million.

Non-current assets and liabilities classified as held for sale and discontinued operations: At 31 December 2017, these line items related to the assets and liabilities of the companies in the Concessions Division in the process of being sold.

At 31 December 2016, these line items related to the assets and liabilities of the hotel companies and the El Camaleón golf course in Mayakoba that were in the process of being sold, with the sale ultimately taking place in April and May 2017.

Trade and other receivables: at 31 December 2017, the balance of this line item amounted to EUR 1,753.5 million, accounting for 13.9% of total assets.

Progress billings receivable and amounts to be billed for work performed represented 80.4% of the total "Trade and Other Receivables" balance and amounted to EUR 1,410.8 million (5.4 months of sales).

The balance relating to the projects the revenue from which was re-estimated in 2016 (legacy projects) accounted for 14.0% of the balance at 31 December 2017 (31 December 2016: 14.7%).

The balance of "Trade and Other Receivables" was reduced by EUR 40.8 million (31 December 2016: EUR 53.3 million) in relation to trade receivables factored without recourse (which is why they were deducted from the balance).

The **Equity attributable to the Parent** amounted to EUR 2,166.7 million at 31 December 2017, which represents 17.2% of total assets and a decrease of EUR 273.0 million with respect to 31 December 2016, due to the net effect of:

- The decrease in the attributable profit for 2017, which amounted to EUR -12.1 million.
- The decrease in reserves of EUR 200.7 million arising from the translation of the financial statements in foreign currency, mainly of the Mexican companies.
- The increase of EUR 15.1 million in reserves due to the effect of the net fair value of the financial instruments transferred to profit or loss.
- The drop of EUR 2.5 million relating to treasury shares. At 31 December 2017, 12,531,939 treasury shares with a value of EUR 48.6 million were held.

- The decrease of EUR 72.2 million relating to other changes in reserves, due mainly to changes in the scope of consolidation.

Non-controlling interests: at 31 December 2017, this item amounted to EUR 2,016.6 million, relating substantially in full to the non-controlling interests of the discontinued Concessions business.

The balance was EUR 413.4 million higher than at 31 December 2016 due to the net effect of:

- The increase of EUR 292.1 million as a result of the profit for 2017 attributable to non-controlling interests.
- The decrease of EUR 233.9 million arising from the translation of the financial statements in foreign currency.
- The increase of EUR 2.0 million due to the effect of the remeasurement of financial instruments.
- The increase of EUR 399.4 million as a result of the sale of 24.01% of Concesionaria Mexiquense.
- The decrease of EUR 31.0 million relating to the Mayakoba hotel companies, which started to be accounted for using the equity method in 2017.
- The drop of EUR 15.2 million relating to other changes in the scope of consolidation.

Long-term provisions: the balance of EUR 50.1 million at 2017 year-end represents a decrease of EUR 149.3 million with respect to 31 December 2016, due largely to the transfer to "Liabilities Associated with Non-Current Assets Classified as Held for Sale and Discontinued Operations" of the companies in the Concessions Division. At 31 December 2016, the balance amounted to EUR 199.4 million, of which EUR 134.1 million related to Concessions.

Bank borrowings: the comparison of the bank borrowings at 31 December 2017 compared with those at 31 December 2016 is as follows:

Gross borrowings [1]	31/12/2017	%	31/12/2016	%	Var. (%)
Recourse borrowings	1,517.0	96.4%	1,519.9	34.6%	-0.2%
Non-recourse borrowings	57.2	3.6%	2,872.4	65.4%	-98.0%
Total	**1,574.2**		**4,392.3**		**-64.2%**

Millions of euros

(1) The gross borrowings group together non-current and current bank borrowings which include bank borrowings and bond issues.

Net borrowings [2]	31/12/2017	%	31/12/2016	%	Var. (%)
Recourse borrowings	943.5	94.4%	748.4	25.7%	26.1%
Non-recourse borrowings	56.4	5.6%	2,162.5	74.3%	-97.4%
Total	**999.9**		**2,910.9**		**-65.6%**

Millions of euros

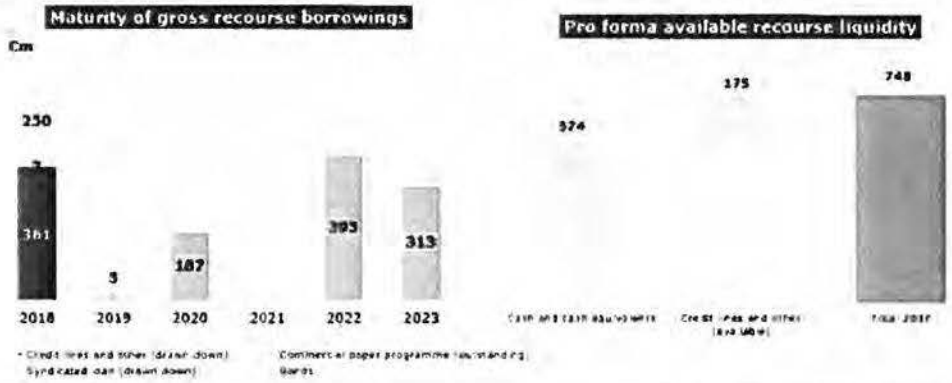
(2) The net borrowings comprise gross borrowings less other financial assets and cash and cash equivalents.

The gross recourse borrowings amounted to EUR 1,517.0 million at 31 December 2017, similar to the balance at 2016 year-end.

The net recourse borrowings amounted to EUR 943.5 million in 2017, up EUR 195.1 million on 2016. Worthy of mention is the significant inflow of cash

arising from the implementation of the Group's divestment plan, which partially offset the investments made and the operating needs of the various businesses.

The detail of the maturities of the Group's gross recourse borrowings and available recourse liquidity:



Recourse liquidity	31/12/17	31/12/16
Bonds	894.5	894.5
Commercial paper	6.7	9.4
Syndicated loan	250.0	250.0
Credit lines and other*	540.7	491.5
Recourse liquidity	**1,691.9**	**1,645.4**
Gross recourse borrowings	**1,517.1**	**1,519.9**
Available recourse financing	174.8	125.5
Cash and current financial assets	573.6	771.5
Net recourse liquidity	**748.4**	**897.0**

Millions of euros

* Including EUR 190.0 million relating to the revolving credit line of the multiproduct syndicated financing.

The Group's drawable recourse funds amounted to EUR 1,691.9 million.

The Group's recourse liquidity, measured as cash and cash equivalents and available recourse financing, amounted to EUR 748.4 million.

56.8% of the total gross bank borrowings falls due at long term and the remaining 43.2% matures at short term.

Following the transfer to "Liabilities Associated with Non-Current Assets Classified as Held for Sale and Discontinued Operations" of the gross borrowings relating to the Concessions Division, the gross non-recourse bank borrowings amounted to EUR 57.2 million, only 3.6% of the total gross borrowings.

The Group's financial risk management is explained in Note 4.2.1. to the consolidated financial statements.

III. Shareholder and investor relations in 2017

STOCK MARKET INFORMATION

OHL's share performance was positively affected in 2017 by the asset rotation carried out, by the launch and settlement of the OHL México IPO and by the signing of an agreement with IFM for the sale of all the shares of OHL Concesiones.

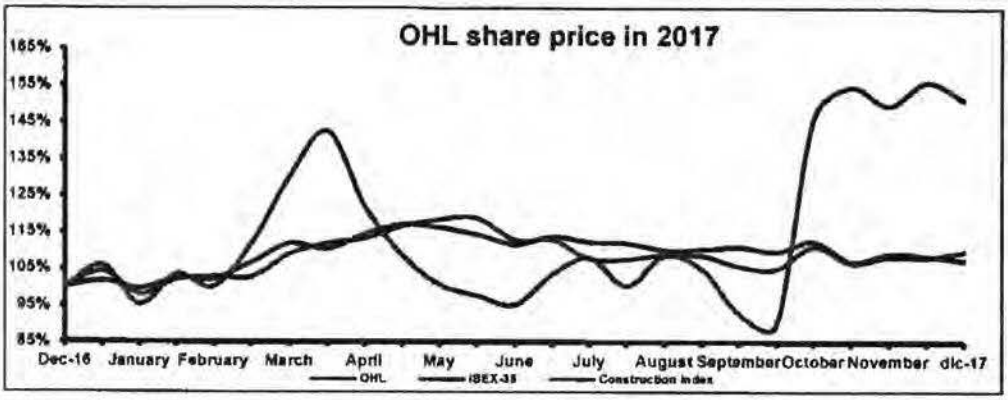
OHL on the Spanish Stock Market Interconnection System:

OHL on the stock market

OHL stock market indicators in 2017:

OHL, S.A.	31/12/2017
OHL closing Price	4.981
YtD performance of OHL share price	51.168%
High	5.455
Low	2.300
Average price	3.935
Treasury shares	12,531,234
Value of treasury shares	62,418,077
Treasury shares as % of OHL share capital	4.194%
Total number of OHL shares	298,758,998
Par value of OHL share capital	179,255,399
Par value per share	0.60
Market capitalisation (Millions of euros)	1,488
Number of shares traded in the year	643,366,934
Number of shares traded daily in the year	2,523,008
Shares traded as a % of total shares	215.3%
Annual turnover	2,531,582,262
Average daily turnover	9,927,774
Total days traded	255
Ibex - 35 index	10,043.9
YtD performance of Ibex 35 index	7.4%
Spanish construction index	1,443.4%
YtD performance of construction index	9.9%
Gross dividend paid in the year	-
Net dividend paid in the year	-

Source: Bolsas y Mercados Españoles and Bloomberg.



- Price (2017 closing price and change with respect to 2016: high, low and average), shares traded, turnover, days traded and average daily turnover.
- Share capital of the Company and number of ordinary shares.
- Treasury shares at year-end and par value.
- Share performance of OHL and of the construction industry in 2017.

At 31 December 2017, the share capital of OHL, S.A. amounted to EUR 179,255,398.8, represented by 298,758,998 shares of EUR 0.6 par value each, all of the same class and series.
The share price of OHL S.A. was EUR 3.295 per share at the beginning of 2017. The share price increased by +51.2% over the year, closing at EUR 4.981 per share.
In 2017 the share price reached a high of EUR 5.455 per share, a low of EUR 2.300 per share, and the average price for the period being EUR 3.935 per share.
At 31 December 2017, OHL S.A. held 12,531,234 treasury shares, i.e., 4.194% of the Company's current share capital, which at the closing market price amounted to EUR 62.4 million. In 2016 a total of 643,366,934 shares were traded on the stock market (215.3% of the total shares admitted for trading) with an average daily volume of 2,523,008 shares.
The performance of the Ibex-35 and construction indexes in Spain was more modest during the period, with increases of +7.4% and +9.9%, respectively.
Historically, until 2016 OHL had a pay-out of 25% of the recurring net profit. In 2016 the Group, due to the re-estimation of the final objectives of several Construction projects due to the negative evolution of the situation of various claims and of the Industrial Division, incurred a significant loss, as a result of which no dividend was distributed.
At 31 December 2017, OHL S.A. owned 12,531,939 treasury shares, i.e., 4.195% of the Company's share capital (see Note 3.13 to the consolidated financial statements).

Although the activity of the Concessions Division is presented as a discontinued operation in the Group's consolidated financial statements, we detail in this section the information relating to the stock market performance of OHL México S.A.B. de C.V., a subsidiary of OHL Concesiones, S.A.U.

OHL México on the stock market

OHL México stock market indicators in 2017:

	31/12/2017
Closing price (Mexican pesos)	32.63
YtD performance	60.0%
Number of shares	1,732,185,269
Market capitalisation (Millions of Mexican pesos)	56,521.2
Value of 56.85% of OHL (Millions of euros)*	1,358.1

*EUR/MXN exchange rate 23.6612

Source: Bloomberg



- Share performance in 2017.
- OHL México share and S&P/BMV IPC market prices in 2017.
- Number of shares and par value.
- Market price at 31/12/17, market capitalisation in Mexican pesos at 2017 year-end.

The OHL Group, through its Concessions Division has a 56.85% stake in OHL México S.A.B. of C.V., which is listed on the stock market in Mexico and whose share price increased by +60.0%from the share price of MXN 20.39 at the beginning of 2017 to MXN 32.63 per share.
The performance of the OHL Mexico share price was positive for most of 2017, thanks in part to the takeover bid launched jointly by OHL Concessions and IFM.

It was in the last quarter of the year when the bid launched by the Australian fund IFM for OHL Concessions (the parent of OHL Mexico S.A.B. de C.V.) was made public that the share was at its strongest, close to MXN 35 per share in November 2017 (the low of around MXN 19 per share was seen at the beginning of February). The market capitalisation of OHL México at 2017 year-end was MXN 56,521,205,327.5.

At 31 December 2017, the share capital of OHL México S.A.B. de C.V. amounted to MXN 15,334,502 thousand, represented by 1,732,185,269 ordinary shares, all of the same class and series.

OHL bond issues currently outstanding in the market

OHL, S.A. currently has outstanding in the market three bond issues listed in London, the most relevant data at the end of the year being as follows:

Issuer	Maturity	Coupon	Outstanding balance	Price	YIM
OHL S.A.	March 2020	7.625%	187	101.855%	6.695%
OHL S.A.	March 2022	4.750%	395	101.263%	4.415%
OHL S.A.	March 2023	5.500%	313	102.834%	4.874%

Communication with shareholders, investors and analysts

- Main channels of communication and dialogue with shareholders, investors and analysts.
- New developments in 2017, if any.
- Most important communications in 2017.

The OHL Group has an Investor Relations Department at the corporate headquarters of the Group -Paseo de la Castellana 259-D, Torre Espacio, 28046 Madrid-, and at its subsidiary OHL México. These teams manage communication with shareholders, investors and analysts with a clear objective: maximum transparency with the dissemination of relevant information for these stakeholders.

To this end, the Group promotes various on-site meetings during the year (meetings with analysts, national and international roadshows, Investor Day and ad-hoc informative meetings) and offers several communication channels (e.g. the email account: relación accionistas@ohl.es).

In 2017 several national and international roadshows were held (London, Paris and New York), and the Group also participated in various forums and seminars (e.g. Spain Investors Day 2017), and organised the traditional annual presentation of the Group's results for the year, together with the Annual General Meeting and Investor Day. These presentations, due to their importance, are always broadcast on the website so that they can be followed by the Group's various stakeholders.

Currently, around 15 financial analysts on the equities side and about 10 analysts on the fixed-income side (bonds) from various banks regularly monitor the OHL Group and the Investor Relations Department maintains ongoing communications with them in response to market needs.

Since 2011 OHL has made quarterly results presentations through conference calls in English, in which the Group's executive team answers the questions of the participants and establishes direct communication with the financial community, without vetoing questions of any kind.
Over the rest of the year communication with analysts, shareholders and investors is guaranteed through the email address: relacion.accionistas@ohl.es and the shareholder hotline +34 91 348 41 57.

b) Value for the customer



I.- Digital transformation

The infrastructure industry has been slower than others in adapting to new technologies and for many years has undergone few significant transformation processes. In today's global environment companies in the industry have to face bigger and more complex challenges and, therefore, technological and digital innovation are considered to be strategic pillars in the infrastructure field.
The OHL Group is prepared for this transformational process since innovation and technology have always been part of its culture, and the Group has been a pioneer for more than 20 years in the development of proprietary information technologies aimed at optimising its processes and giving it a competitive edge over its competitors.

OHL Group digitisation strategy

User experience
BIM methodology
Advanced Data
Analytics/Big Data
The Internet of Things
Augmented virtual reality

In this context, one of the main projects initiated in 2016 consists of implementing BIM methodology in the Company's construction processes. With this objective, a total of 27 pilot projects have been designed which started to be implemented in 2017 and from which it is expected that the first results will be obtained in 2018.

In 2017 these pilot projects focused on:

- Improving and completing the foundations for the Construction value chain, adapting OHL's operating processes and developing the appropriate technological platform to improve process efficiency and competitiveness in the various different phases of the project life cycle.
- Obtaining predictive and analytical capacity from the projects implemented by the Group in the past so that knowledge remains within a homogeneous platform that in turn allows the results of the experiences to be extrapolated to future projects.

Also, in 2017 work continued in the field of information security and privacy, with the adoption of various initiatives aimed at adapting the systems and processes to current and future legislation. The following initiatives are particularly worthy of mention:

- Adaptation to the new European General Data Protection Regulation (GDPR), with the aim of complying with this legislation and increasing the privacy of the Group's data.
- Implementation of the Information Security Risk Management processes, which facilitate better monitoring and treatment of the cybersecurity risks in the face of external threats and potential technological vulnerabilities.

II.- Innovative culture and R&D+i

The OHL Group embraces research, development and innovation as fundamental pillars of its strategy, aware of their importance in long-term value creation.

2017
Start-up of 22 R&D+i projects
Investment of EUR 10.2 million

2017 saw the continuation of the implementation of the 2016-2020 Strategic Innovation Plan. In addition, this plan covers both the technology and management fields.

PRIORITY R&D+I ACTIVITIES

In the civil engineering area, work was performed on the development of new construction solutions, especially for railways and maritime works.

Work in the emblematic building construction sphere focused mainly on development work and experimentation in the energy efficiency field.

In the industrial area, R&D focused on the development and validation of Fresnel-type thermosolar technology and on innovation in industrial system design.

Results that create value
12 patent families in 26 countries
Cubipod was distinguished with the Quality Award (QIA)
Signing of a new agreement for the construction of a Port in Denmark using Cubipod technology

INNOVATION MANAGEMENT MODEL

The implementation of a common innovation management model for the entire Company and the promotion of the culture of innovation among its employees have been basic principles of the OHL Group in its R&D+i activities.

In the promotion of intrapreneurship, innovative proposals have been gathered from all the lines of activity. Worthy of particular mention are those received through the programmes to facilitate the generation of innovative ideas:

- VI award for the + Innovative idea. Organised by the Group.
- V LIDERA! programme, organised by the Construction Division.

In addition, the Construction Division promoted the following models: open innovation, flexible development, collaborative intelligence, incubation of new businesses and improvement to intangible asset management.

Renewal of certification under the UNE 166 002 standard at the six companies

Partnerships

+ 40 research centres and universities

14 countries

INDUSTRY BENCHMARKS IN R&D+i

In the commitment to play a leading role in identifying challenges and defining innovation policies, the OHL Group actively participates in various international groupings, including:

European Network of Construction Companies for Research and Development (ENCORD), the Spanish Technological Construction Platform (PTEC) and the SEOPAN R&D+i Commission, in the construction area.

II.- Quality management

OHL offers the best designs and services to respond to customers' needs.

Quality management at the OHL Group is based on processes and on managing risks and opportunities. It is implemented through a management system integrated with other areas and meets the requirements of the ISO 9001 international standard. Additionally, it has external quality standard certification for 75% of Sales.

Quality plans include control and specific assurance of the activity and location, as well as communication with customers and users, continuous improvement and innovation.

Particularly important factors in contract quality are the supervision of critical activities by specialised personnel, document management to guarantee fast and secure access to documentation and adequate coordination with suppliers.

2016-2020 Strategic Quality Lines

- Treatment of non-quality, as a tool for controlling and improving efficiency.
- Claims management, as an indicator of the degree of compliance.
- Customer satisfaction, as an indicator of excellence in the performance of projects and the provision of services.

Furthermore, OHL maintains dialogue with its customers and users and provides them with assistance through periodic meetings, the management of their claims and consultations regarding their degree of satisfaction. Other stakeholders such as government, analysts and investment groups are served through the website, periodic reports, email and telephone hotlines. All complaints from clients and users are processed by the channel through which they are received, and all are answered. The time periods and measures needed to resolve each case depend on the type of claim, although the Group maintains a firm commitment to ongoing information on the progress made.

Also, when assessing satisfaction, various resources are used, such as: interviews, questionnaires, market analysis, extension of contracts and services and new awards.

All employees and outside collaborators assume the quality of their activities as a working principle, as set forth in the Code of Ethics and corporate policies. The Group facilitates training, resources and technology to offer the best possible service.

Results in 2017

- The quality management systems are certified by 8 external entities such as: SGS, TUV Rheinland, BV, BSI, Aenor and JCI.
- 75% of sales certified, corresponding to markets and customers.
- Almost 400 days of quality audit without any serious breaches.

Customer satisfaction rate: 7.9/10 78% of end users consider themselves satisfied and 73% would recommend working with the OHL Group.

0.54 claims per million euros of Construction sales. The average response period is 4 days and the average resolution period is 17 days.

Satisfaction was measured on the basis of the result obtained from quality surveys for certain customers of the Construction, Industrial and Development Divisions. The figures were not weighted on the basis of the sales of each company.

The customer satisfaction measurement figure for the Construction Spain Division relates to 2016.

IV.- Supply chain

Key purchasing indicators of the OHL Group

	Number of suppliers	Total volume of the expense (M EUR) relating to purchases from suppliers/subcontractors made in the year	Total volume of the expense (M EUR) relating to purchases from local (same country) suppliers/subcontractors
US and Canada	3,280	1,338.5	521.4
Spain	4,958	231.6	204.2
Europe	6,657	407.3	302.0
Latam	5,231	596.0	595.2
Other countries	666	140.7	93.5
Total	**20,792**	**2,714.2**	**1,716.4**

Responsible supply chain management

The quest for global synergies in hiring and the establishment of a collaborative network among projects that allows information to be shared on suppliers and subcontractors are fundamental aspects for OHL. To this end, framework agreements of a global nature are being prepared in the Construction Division with a view to achieving economies of scale at Group level.

In this scenario, the Code of Ethics, the Anti-corruption Policy, the Responsible Purchasing Policy and the internal Purchasing regulations continue to be the main pillars of supply chain management at the OHL Group.

All contracts include a clause on compliance with the Code of Ethics, and knowledge and compliance with the ten Principles of the Global Compact. Also, under the supplier accreditation requirements, suppliers must not have been adjudged in a final decision to have breached of any of these Principles during the last three years.

These policies governing the supply chain are part of the clauses and general purchasing conditions for the supply of general services, while the signature of the supplier, which infers its knowledge and compliance, is an essential requirement to be able to work with the OHL Group.

As a common requirement for all Group companies, suppliers considered critical are subject to a Third Party Due Diligence analysis, in which their suitability is assessed from the technical, financial and compliance standpoints.

Purchasing management tools

The Computerised Purchasing System *(SIC)* permits the automated registration of the entire purchasing process and guarantees the transparency of the process and equal opportunities for all OHL suppliers.

2017 saw the launch of Ariba, a purchasing management system that will foreseeably replace, in the medium term, the system that has been used until now. Ariba will streamline and optimise processes, increase control and provide more value and traceability to the business. Moreover, it will produce time and cost savings in the processes involved in documentation analysis and validation, will increase legal security and will provide a centralised database for all the OHL Group companies.

During the year Ariba was implemented in some of the corporate divisions, and is at the trial phase at the Hospital de Fuenlabrada (Madrid, Spain).

Green purchases

The standard purchasing terms of the General Services Division place special emphasis on environmental criteria and incorporate, in their records, environmental management factors and even certifications of their suppliers, aligning them with the objectives of accessibility, sustainability and security of the Group's work spaces.

95% Purchases of stationery and consumables at the OHL head offices are environmentally friendly.

c) The value of people

In a year of significant changes in structure and internal organisation, the OHL Group continued with talent management materialised in opportunities for professional development and mobility in a global environment, promoting ethics, diversity and equal opportunities.

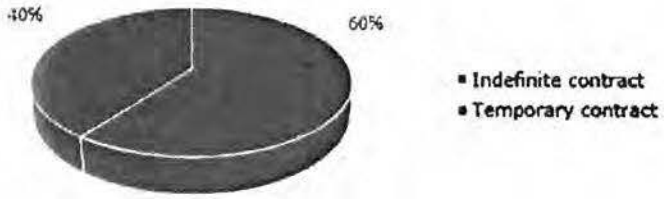
At 31 December 2017, the OHL Group had 21,464 employees, 2.6% fewer than in 2016. 53% of the total workforce is outside Spain.

Distribution of the employees of the OHL Group

By geographical area



By type of contract



Directly employed by the OHL Group

	Subcontractors		Directly created induced jobs	
	2017	2016	2017	2016
OHL	772	841	4,126	4,759
Subsidiaries				
Construction	694	1,065	6,861	8,827
Industrial	54	122	1,415	9,364
Services	674	167	1,527	334
Total	**2,194**	**2,195**	**13,929**	**23,284**

The induced jobs were estimated on the basis of the information available on the number and type of subcontractors and the average number of employees of companies of that type in each geographical area, per public data available in each country. The induced employment corresponds to 100% of the estimated workforce of the subcontractors without weighting the volume of transactions with the OHL Group.

In 2017, and in response to the OHL Group's need to adapt to the new business and economic context, Obrascón Huarte Lain, S.A. and OHL Industrial, S.L. each implemented a collective redundancy procedure for economic, production and organisational reasons, framed within cost reduction measures aimed at ensuring the sustainability of the companies and guaranteeing their future viability.

Both procedures were concluded with an agreement with the respective workers' representatives, with a total of 381 employees affected at the end of the year.

Although these collective redundancy procedures involved the adoption of restructuring measures, both companies implemented social support measures in order to minimise the social impact of the redundancies. Thus, it should be highlighted that in both cases an outplacement and professional support programme was set up for the affected employees in order to minimise their unemployment time.

In the case of Obrascón Huarte Lain, S.A., thanks to this outplacement programme, up to the end of 2017 43% of those included in it had found work; at OHL Industrial, S.L. this percentage was 29%. This programme is still up and running today with a view to increasing the percentage of employees affected by the collective redundancy procedures.

I.- Diversity

OHL understands diversity as an enriching element that increases and augments the company's capacity to meet the expectations of stakeholders and adapt to the different scenarios in which it operates.

Breakdown of employees by professional category, age and gender

Professional category	TOTAL	Total		Under 30		30-45		46-55		Over 56	
		M	W	M	W	M	W	M	W	M	W
Senior executives	7	7	0	0	0	1	0	4	0	2	0
Senior managers	121	111	10	0	0	31	6	56	4	24	0
Managers	333	293	40	1	1	131	27	116	11	45	1
Middle managers	1,670	1,403	265	57	21	693	156	444	66	209	22
Other line personnel	3,042	2,268	776	365	134	1,119	355	567	216	217	71
Clerical staff	1,286	620	666	167	152	225	311	145	162	83	41
Manual workers	15,005	8,465	6,540	1,451	310	3,632	1,695	2,350	2,729	1,032	1,806
TOTAL	21,464	13,167	8,297	2,041	618	5,832	2,550	3,682	3,188	1,612	1,941

With regard to gender equality, the **II Equality Plan** is in force, which underlines the Company's commitment to the promotion of professional development and the enhancement of skills and competencies, without any gender distinction. In 2017 work was carried out on the preparation of these training materials to sensitise the Group's employees.

The **Equality Committee** is responsible for monitoring the plan and the various projects that arise in this area.

EMPLOYMENT INTEGRATION PLAN FOR VULNERABLE GROUPS

The Group has a firm commitment to the inclusion of people in situations of social vulnerability. The Services Division is the most active in this connection. In 2017 the Company generated 80 job opportunities for these groups, especially people with disabilities, at risk of social exclusion and victims of gender violence.

In addition to the generation of job opportunities, the Group participates in other initiatives to promote the employability of these groups, such as the development of professional volunteering in HR or through calls for the presentation of social projects by employees.

OHL Servicios-Ingesan was awarded the **2017 Estela Prize**, the 2017 **Integra Prize** and a distinction awarded by **Obra Social La Caixa** for its commitment to society and its most vulnerable groups.

II.- Remuneration and benefit systems

The purpose of the remuneration system is to define, implement and execute the remuneration policies and practices of the OHL Group in accordance with its business strategy, based on a total compensation approach that guarantees internal fairness and external competitiveness, as well as its capacity to attract, retain and obtain the commitment of executives and employees, based on criteria of objectivity and equality.

In this regard, the Group has carried out a job analysis and description process, assessing and classifying it into organisational levels, defining a salary structure by division and geographical area for these levels, with a specific positioning with respect to the market, based on the level of competitiveness required by the business in each case.

The remuneration policy of the OHL Group is based on criteria of fairness, competitiveness, objectivity and equality.

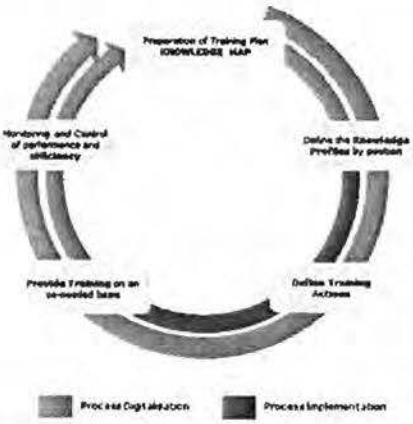
Further information:
Appendices:

- Appendix 2. OHL Group employee benefits.
- Appendix 3. Information on freedom of association and collective bargaining

III.- Training and development

Within the framework of the Training Plan, a new training model has been implemented (Knowledge Map), aimed at continuous professional development and adaptation to technological, organisational and market changes, to achieve maximum training and excellent performance.

Training Model Process



In 2017 work was also performed on the digitisation of the Group's processes and training management data through the implementation of both the knowledge profiles of the job positions and of the training associated with these positions and their internal management.

Training in 2017 (data in Spain)

	Gender		Hours			
Type of training	Men	Women	Classroom-based	Online	Number of courses	Hours
Knowledge map	216	114	9,970	-	33	9,970
e-Learning	125	59	-	7,913	73	7,913
Corporate	808	296	-	4,416	3	4,416
Unplanned	1,095	583	25,778	8,616	197	34,394
Total	2,244	1,052	35,748	20,945	306	56,693

Training by professional category

	OHL (*)		Industrial		Services		Total	
	Men	Women	Men	Women	Men	Women	Men	Women
Senior executives	78	0	0	0	96	0	174	0
Senior managers	570	85	248	0	241	119	1,059	204
Managers	1,664	987	392	7	57	53	2,113	1,047
Middle managers	7,774	2,106	2,068	408	176	272	10,018	2,786
Other line personnel	10,450	6,542	4,239	2,376	1,263	1,149	15,952	10,067
Clerical staff	1,052	2,779	24	622	358	673	1,434	4,074
Manual workers	1,611	55	194	0	5,504	3,224	7,309	3,279
Total	23,199	12,554	7,165	3,413	7,695	5,490	38,059	21,457

(*) Data relating to Construction, Development and corporate areas in Spain.

KNOWLEDGE PROFILES AND ASSOCIATED TRAINING

In 2017 the Group developed, with internal experts from all areas, knowledge profiles in order to tailor them -as well as the associated training- to the specific needs of the job positions.

Job positions by knowledge profile

Construction	Industrial	Services	Corporate
105	46	41	30

ESCUELA OHL (OHL SCHOOL)

2017 saw the creation of the OHL Group School, a platform that responds to the international growth being experienced by the Company and where employees with technological means can access online training. In this area, specific actions linked to the business model and the legal changes affecting the Company have been promoted, including the Fundamentals of Information Security course.

OTHER INITIATIVES

Also in 2017, the EPI programme (individual protection equipment) was launched, in conjunction with the Group's Occupational Risk Prevention team, from which 556 students have now benefitted.

PERFORMANCE EVALUATION

In 2017 the Performance Evaluation Model was consolidated for management positions, service heads and middle management, and was extended to technical positions.

PERSONAL DEVELOPMENT

In 2017 the first competency development programme was launched, which is carried out in three phases:

- **Phase 1. Identification** of people with initial capacity to assume greater responsibilities within the organisation.
- **Phase 2. Proposal of individual measures** for the development of the people identified with indications of potential (knowledge, skills and assumption of greater responsibilities).
- **Phase 3. Group succession map**. Identification of risks due to lack of succession and inclusion of the key positions for which a successor is needed.



IV.- Communication

2017 saw the first anniversary of the launch of the Group's new intranet, OHL Link. A tool designed to promote the corporate culture and the participation and collaboration of the Company's employees. The intranet currently has more than 9,500 users in 20 countries.

In 2017 the number of followers of the OHL Group LinkedIn account passed 70,000, thereby strengthening its reputation. In addition, the 100th and 200th editions of the corporate publications Tecno and Mosaico, respectively, were published.

V.- Health and safety

The internal and external audit process continued in 2017. In the external certification process all the certificates obtained in 2016 were retained and the scope thereof was extended to Ireland. It should be noted that that no "non-compliance" classifications were received in the year in the Construction and Industrial areas, demonstrating their commitment to safety.

21 countries certified under the OHSAS 18001 standard.

36.3 days of external audit in Occupational Risk Prevention (ORP). 19.8 in Construction, 5 in Industrial, 6.5 in Services and 5 in General Services

Also, the internal audit process initiated in 2016 continued, constituting the best tool for self-control and self-assessment in the safety area.

OHL GROUP ACCIDENT RATES

DIVISION	F.I.			S.I.			I.R.		
	2016	2017	CHANGE	2016	2017	CHANGE	2016	2017	CHANGE
CONSTRUCTION	11.0	9.7	-12.4%	0.4	0.4	6.2%	2.457.0	2,149.0	-12.5%
INDUSTRIAL	3.5	3.7	6.0%	0.2	0.03	-88.7%	676.0	1,182.0	74.7%
SERVICES*	53.6	40.9	-23.6%	1.4	4.8	239.5%	6.919.0	6,974.0	0.8%
DEVELOPMENT**		164.4			1.1			787.0	
TOTAL GROUP	19.1	14.9	-21.5%	0.6	1.3	119.4%	3,667.0	3,368.0	-8.1%

*The headcount and number of hours worked at Servicios-Ingesan increased in 2017. Occupational accidents in this area also increased.

** The 2016 information corresponding to OHL Desarrollos not available (NA).

Calculations obtained from the following formulas:

$$\text{FREQUENCY RATE (FR)} = \frac{\text{NO. OF ACCIDENTS}}{\text{NO. OF HOURS WORKED}} \times 10^6 \qquad \text{SEVERITY RATE (SR)} = \frac{\text{NO. OF WORKING DAYS LOST}}{\text{NO. OF HOURS WORKED}} \times 10^3$$

$$\text{INCIDENT RATE (IR)} = \frac{\text{NO. OF ACCIDENTS}}{\text{NO. OF EMPLOYEES}} \times 10^3$$

STANDARDS MANUAL AND IPP

At the end of 2016 the standards manual was finalised to standardise OHL's preventative criteria worldwide. In 2017 its implementation commenced.

Similarly, the Inspection Point Programme (PPI) was developed to import concepts from the quality assurance world into the preventive management field. The Programme was developed jointly with the School of Civil Engineering of the Universidad Politécnica de Madrid through the Agustín de Betancourt Foundation.

TRAINING

Safety training is a fundamental tool for the Group. In 2017 training continued in the various business areas. 2,823 hours of ORP training were taught in the corporate areas in Spain. Also, the following training was provided at construction sites:

	No. of hours		
	INITIAL TRAINING	PERIODIC TRAINING	SPECIFIC TRAINING
Spain	4,105	548	3,907
Abroad	112,003	188,171	142,419
TOTAL	116,108	188,717	146,326

In 2017 21 ORP courses were given consisting of 2,823 hours of training.

	No. of hours
	TOOL BOX Meeting*
Spain	14,713
Abroad	93,788
TOTAL	108,501

*Preventative ORP training at construction sites.

	No. of hours
	Emergency/ First aid
Spain	215
Abroad	3,405
TOTAL	3,620



At the end of 2017 work commenced on the integration of the Construction Division's prevention management system with those of the Industrial and Services Divisions. This integration will simplify the audit processes and make it possible to achieve a worldwide multi-site certificate.

PARTICIPATION IN FORUMS

- Fundación Prevent: to promote and contribute to the social and occupational inclusion of people with disabilities, and to promote a preventative culture at the Company, through greater social awareness that guarantees safer work environments and more responsible companies.
- Conference on Health and Safety in the Workplace and Environmental Protectionin Gulf Cooperation Council (GCC) states. Madrid, Spain
- Florida State Associated General Contractors, US.

VI.- Human rights

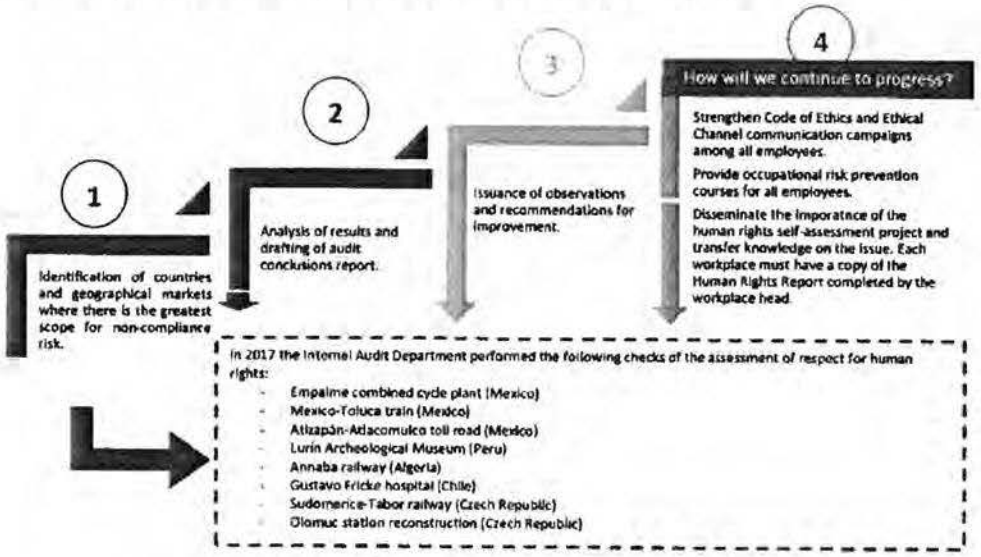
The OHL Group's commitment to the protection of Human Rights (HR) materialised with the approval in February 2017 of the Group's Human Rights Policy, through which it reaffirms its commitment to respecting and protecting the human rights of the people at the Company, those in its supply chain and those in the communities affected by the activity of OHL.

This commitment is reinforced by the adhesion of OHL to the main international HR initiatives and guidelines.

1. UN Universal Declaration of Human Rights.
2. UN Global Compact (Member and founding partner of its Spanish network).
3. International Labour Organization (ILO) Tripartite Declaration on fundamental principles and rights at work.
4. OECD guidelines for multinational enterprises.
5. UN guiding principles on business and human rights.

The Audit and Compliance Committee is ultimately responsible for ensuring compliance in the HR area at the OHL Group and it performs the associated monitoring and control functions through the Group's Internal Audit Department.

In 2017 the Internal Audit Department verified compliance with procedures relating to human rights in projects in Mexico, Peru, Algeria, Chile and the Czech Republic.



d) Environmental value



The OHL Group, through its activities, promotes the consolidation of a circular and low-carbon economy, aligning itself with the main global initiatives focused on procuring the progress and welfare of society under conditions of sustainability such as Caring for Climate, the Nazca platform, Neutral Climate Now and CDP.

To this end, it incorporates into its strategy the responsible use of natural resources and practices aimed at reducing the carbon footprint, water footprint and waste. It also strives towards the conservation of biodiversity and heritage and works in favour of resilience.

Strategic environmental lines of the 2015-2020 CSR Strategic Plan

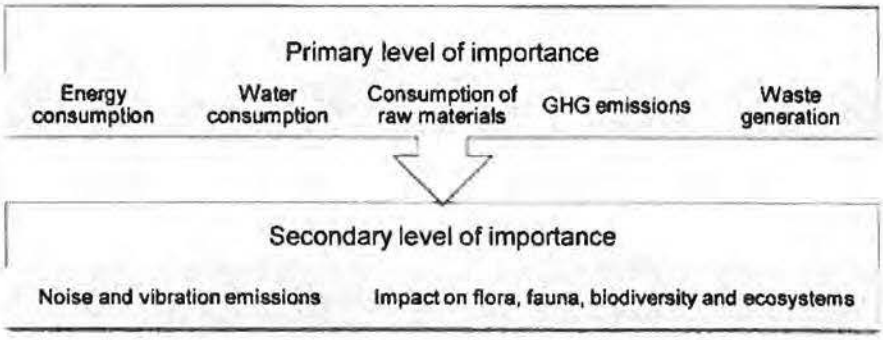
Carbon Footprint	Circular Economy
Water Footprint	Natural Capital and Biodiversity
Heritage	Resilience
Environmental management excellence	Communication

- ✓ Public Commitments
- ✓ Footprint Protocols
- ✓ Footprint Reports
- ✓ Employee awareness-raising
- ✓ Suppliers
- ✓ Partnerships with leading organisations
- ✓ Communication and cooperation
- ✓ Improvement objectives
- ✓ Action Plans

I.- Environmental risk management

The Group's environmental management establishes the resources for controlling risks, compliance with regulations and performance improvement.

Environmental highlights of 2017



In 2017 the significant environmental issues were energy consumption, water consumption, consumption of raw materials, greenhouse gas emissions and waste generation. The Group identified as being of secondary importance noise and vibration emissions, the impact on flora, fauna, biodiversity and ecosystems. A life cycle analysis perspective was used in the identification and evaluation process, taking into account the main activities and assessing, inter alia, origin, destination and use by third parties

The activities that so require adjust their management to benchmark international standards such as: ISO 14001, EMAS Registers, ISO 50001, ISO 14064-1 and ISO 14046. In 2017 a total of six external entities, including most notably SGS, TUV Rheinland and Bureau Veritas, certified the Group's environmental management in response to customers' requirements. The volume of business certified was 61% and highlights the successful conclusion, in all business lines and locations, of the process to renew the 2015 ISO 14001 certification one year before the 2018 deadline.

Internally, the best environmental practices are encouraged through the Environment Prize, which is awarded annually and is aimed at all employees. This initiative acknowledges the most significant actions and promotes replication at the Group.



INTERNATIONAL CLIMATE CHANGE CREDENTIALS

The OHL Group has been working for some years now on transparency through its participation in various initiatives:



In the communication field, OHL participated in the 2017 European Mobility Week with a campaign to raise awareness in social networks and a selfie competition for employees. In addition, the Group was invited to participate in various workshops such as TRAFFIC, Basque Ecodesign Meeting IV Jornada IAHR - Spain Water.

	Regulatory risk	Operational risk	Other risks
Climate change	Carbon markets. Emissions limits and reporting. Taxes on fossil fuels. Energy efficiency and product labelling.	Extreme climates. Changes in precipitation regimes.	Non-compliance with climate change commitments. Late adaptation to industry 4.0
Water	Water use restrictions.	Extreme climates. Changes in precipitation regimes. Poor water quality.	Limitations on resource to the community. Impact on biodiversity.

SUSTAINABLE CONSTRUCTION

OHL has a firm commitment to sustainable construction and to this end it harnesses the experience of renowned professionals to carry out projects subject to the LEED (Leadership in Energy & Environmental Design), BREEAM (Building Research Establishment Environmental Assessment Methodology) or CES (Certificación Edificio Sustentable) reference guides in Chile.

To date OHL has built 26 projects that have been certified as sustainable.

ENVIRONMENTAL PERFORMANCE AND INNOVATION

The OHL Group evaluates its environmental performance through economic indicators (expenditure, investment and penalties), environmental indicators (number of protected natural areas, restored surface area and affected animal and plant species) and socio-environmental indicators (consumption of natural resources, waste generation and land occupation, among others).

It is important to note that the Construction activity is characterised by taking on projects that vary widely in economic and time horizon terms. Development activities are more homogeneous, but their maturation period and asset rotation period makes it difficult to make year-on-year comparisons.

The Group places particular importance on production process and support activity improvement initiatives. Some outstanding examples are the purchase of energy with certificates of origin; investment in energy efficiency improvements in headquarters and offices; the re-use of construction waste or sustainable office and sustainable mobility plans in Spain.

II.- Climate change and energy

For a decade now OHL has been a leader in the transition towards an energy efficient economy and in the improvement of air quality in cities.

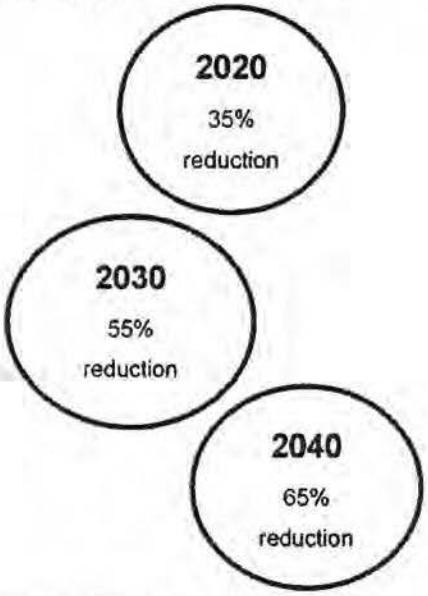
The scope 1 (fuels) and scope 2 (electricity) GHG reduction objectives, updated in 2017, use Science-Based Target methodology and aim to reduce 1+2 emissions by 35% in 2020, by 55% in 2030 and by 65 % in 2040. In the case of scope 3 (indirect emissions), the objective is to reduce emissions in 2030 by 10% with respect to 2015.

In its analysis of risks and opportunities linked to climate change, the Group uses carbon pricing estimated on the basis of the cost of the offsetting plan. In 2017 3,050 t CO_2e were offset in Chile, Mexico, Peru, Colombia, Canada and the US.

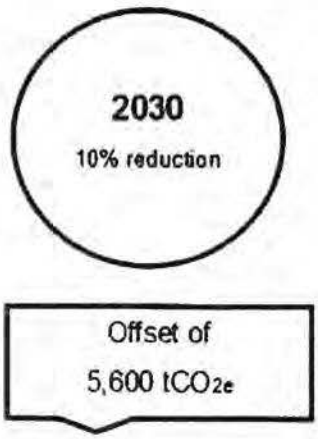
705 GJ of electricity with 100% renewable source guarantee

119,084.18 tCO_2e of scope 1+2 emissions are produced by Construction

Scope 1 (fuel) GHG reduction



scopes 3* and 2 (electricity)* GHG reduction



* Updated in 2017 using Science-Based Target methodology

** Canada, Chile, Mexico, Peru and Colombia.

III.- Circular economy and water management

The OHL Group promotes the responsible consumption of resources and the minimisation of waste generation as measures for economic and production efficiency. These principles are the pillars of the circular economy, whose objective is to achieve a low carbon and competitive economy that makes efficient use of resources.

In line with its strategy, OHL works to promote the consumption of responsible products from source, promoting recycling and their reincorporation into the waste production cycle. The main types of materials consumed are concrete and cement, and earth, rocks and aggregates, with 27% of the latter obtained from recycling and re-use activities.

The waste generated relates to earth and aggregates (99.6% of the total), with a high percentage of recycling (41%) vs. dumping. This percentage cannot readily be improved due to the difficulty involved in locating profitable alternative uses in the vicinity of the construction sites. Most of the rest of the non-hazardous waste is managed by recycling and re-use as a result of the development of a by-product market.

In the Development activities, the waste generated is mostly urban and organic sent to specialist recycling managers.

In 2017 OHL formalised its adhesion to the Pact for a Circular Economy promoted by the Spanish Ministry of Agriculture and Fisheries, Food and the Environment, and collaborated

in the process of drafting the Spanish Circular Economy Strategy with the Government.

In water management priority is given to locations where it is a scarce resource, is difficult to access or is a key factor for the ecosystem. OHL uses an innovative scarce water footprint calculation protocol, based on the main international standards of reference, namely ISO 14046, WFN and CEO Water Mandate, as a result of which OHL intends to publish a Scarce Water Footprint report.

IV.- Biodiversity

Lastly, as regards biodiversity and ecosystem conservation, it should be noted that the OHL Group's impact on protected natural spaces (or unprotected but high-biodiversity value natural spaces) arises from projects on which it works as a partner or contractor.

In 2017 OHL worked in protected areas or areas of high biodiversity that are not protected. The impacts are controlled through measurement plans and with offsetting actions included in the corresponding Environmental Impact Assessment.

Further information. Other supporting and supplementary documents (available on the website):

- Appendix 4. GRI Table - Environmental performance indicators.
- Appendix 5. Methodologies, assumptions and sources used in the environmental indicators.

e) Social and relationship value



The OHL Group is aware of the role it plays as an engine of economic and social development and an agent that transforms environments; consequently, it implements a social management policy that covers the entire life cycle of the projects, from their initial stages right up to their completion, defining appropriate means of dialogue with the communities in which it works, as well as with society in general.

Also, it adopts specific measures to prevent and minimise the possible adverse effects, and to amplify the positive effects, that may arise from its activities, promoting the creation of shared values in all the countries in which it operates.

I.- Distribution of generated and distributed value*

(Amounts in thousands of euros)

	2017	2016
GENERATED ECONOMIC VALUE		
a) Income		
Revenue	3,216,351	3,342,369
Other operating income	166,842	181,483
Finance and other income	68,083	132,242
	3,451,276	**3,656,094**
DISTRIBUTED ECONOMIC VALUE		
b) Operating costs		
Procurements	2,118,250	2,600,073
Other operating expenses	480,726	643,083
c) Employee salaries and benefits		
Staff costs	839,321	854,777
d) Payments to capital providers		
Dividends	-	-
Finance costs and exchange differences	114,709	167,009
e) Taxes		
Income tax	-7,288	-32,055
f) Resources allocated to Society		
Resources allocated to the Community**	1,435	2,230
	3,547,153	**4,235,117**
Difference between generated and distributed value	**-95,877**	**-579,023**

*In the calculation of the distribution of the generated and distributed value the value of the discontinued operations was not taken into account. Also, the information corresponding to 2016 was restated in order to make its presentation consistent with that of 2017.

** Resources allocated to the community pursuant to LBG methodology.

II.- Tax contribution

TAX TRANSPARENCY

The non-delegable powers of the Board of Directors of OHL, S.A. established by Article 249 bis of the Spanish Limited Liability Companies Law includes "The determination of the general policies and strategies of the company".

Similarly, under Article 529 ter of the aforementioned Law, it may not specifically delegate, among others, the following decision-making powers:

a) The determination of the risk control and management policy, including tax risks, and the supervision of the internal reporting and control systems.

b) The approval of investments or other transaction that, due to their high amount or special characteristics, are of a strategic nature or involve a particularly significant tax risk, unless their approval corresponds to the shareholders at a General Meeting.

c) Approval of the creation or acquisition of equity interests in special-purpose entities or entities domiciled in countries or territories classified as tax havens or territories with low

or no taxation, as well as any other transactions or operations of a similar nature that, due to their complexity, could undermine the transparency of the company and its group.

To comply with the foregoing, the Board of Directors updated and approved on 29 March 2017 a tax policy (see www.ohl.es) the main objectives of which are as follows:

- To publicise the OHL Group's commitment to observing and fully complying with all laws and regulations applicable to it in the scope of its activity and, in particular, those of a tax nature in all the territories in which it operates.
- The reputation of the OHL Group is based, inter alia, on promoting the actions of all the people who represent it in accordance with the highest ethical standards, which includes strict compliance with the tax legislation applicable to the Group.
- One of the basic pillars of the OHL Group's contribution to society is that of returning to it, through taxes, a portion of the wealth generated and, therefore, it must take active measures to guarantee responsible behaviour in this connection.

This tax policy of the OHL Group is applicable to all its subsidiaries and permanent establishments in all the countries in which it operates, and compliance with it is also encouraged at those entities in which the Group has non-controlling interests.

The points contained in the tax policy include most notably the requirement that the Group include among its customary practices all those that reduce significant tax risks and prevent behaviour likely to generate such risks, with a transfer pricing policy that faithfully respects the legislation applicable in each country, as well as the principles established by the OECD in its transfer pricing guidelines.

Moreover, in its relations with the tax authorities, the OHL Group *promotes a relationship based on the principle of transparency and mutual trust*, which gives rise to a relationship in accordance with the principle of good faith and loyalty between the parties, and this is promoted in all jurisdictions in which it has adhered to any cooperation agreement with the tax authorities, in order to establish a collaborative relationship with society, as represented by those institutions.

To further its achievement of this commitment to tax transparency, the OHL Group is actively working to be able to make voluntary disclosures of tax contributions in the countries in which it has a permanent presence; however, the corporate transactions carried out in 2017 (disinvestments of significant subsidiaries or highly significant divestments of other subsidiaries in progress) made it advisable to postpone this process in order to obtain a better understanding of the Group's tax contribution.

In 2018 the methodology to be used will be defined and the reporting procedures of all the subsidiaries will be established for the purpose of report on own and third-party taxes, detailing the total tax contribution of the OHL Group.

III.- Social investment

The priority objective of OHL's social investment is to foster economic and social progress and improve the quality of life of people, through the promotion of social action, patronage and sponsorship activities. To these initiatives was added, exceptionally, the support that the Group has lent to countries such as Peru, Mexico and the US, as a result of the natural disasters that occurred in 2017.

In Peru, employees of the Group participated in the *Una sola fuerza*, (A single force) campaign, aimed at the population affected by the floods that ravaged the country in March 2017. Worthy of particular mention in this connection were the primary care, road assistance and the distribution of essential goods among the population affected.

The humanitarian aid provided by the Group in Mexico in September 2017 as a result of the earthquake that took place there took the form of Company employees working alongside the Red Cross. The implementation of safety and civil protection protocols is one example of the work carried out. In addition, the Group is a member of the *Fuerza México* Trust set up to mitigate the effects of earthquakes.

In the US, following the passage of Hurricanes Harvey and Irma, a damage assessment protocol was implemented at the Houston (Texas) and Fort Meyers (Florida) work centres, and assistance was provided to Group employees and their families as well as to other affected groups. The Group also participated in cleaning tasks in the area hit by the earthquake.

OHL's contribution in emergency situations and humanitarian aid
EUR 315,819 invested
8,200 direct beneficiaries

OTHER INITIATIVES

In 2017 the Company promoted initiatives aimed at giving several groups of people access to an inclusive, fair and quality education. To this end, educational scholarship programmes were launched from which disadvantaged families have benefited; and the Group worked with schools and universities to achieve social integration through education.

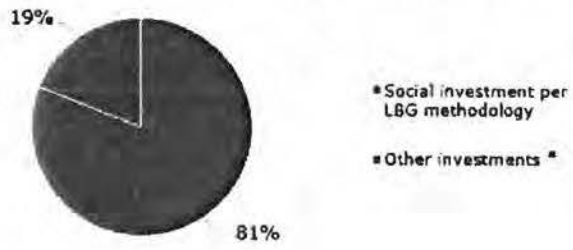
Social integration through education
+ EUR 320,470 invested
+ 1,600 beneficiaries in Spain, Mexico and Colombia
13 educational projects

SOCIAL INVESTMENT IN 2017

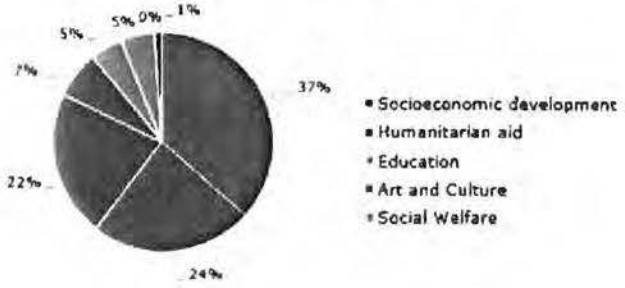
The Group's total social investment in 2017 amounted to EUR 1.8 million and took the form of **134** social actions. To measure this investment, the Group applies the **London Benchmarking Group (LBG)** methodology, which makes it possible to determine its social impact. 81% of the investment made meets the requirements established by that methodology.

Investment in 2017
EUR 1.8 million invested
21,661 beneficiaries
679 cooperating and beneficiary organisation

Investment that meets LBG requirements

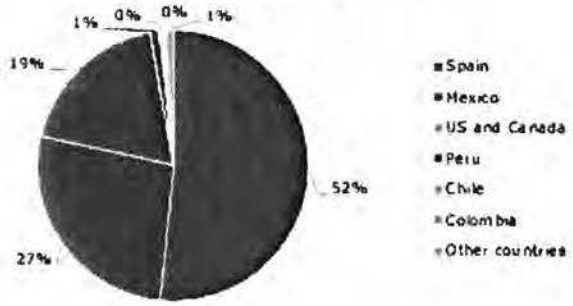


Investment by area of activity



*In addition, there are other social investments that do not comply with the requirements established in the LBG methodology, since they are contractual, legally binding or restricted to employees and family members.

Investment by geographical area



Main axes of social investment by geographical area

Latin America	Projects in the social welfare, education, and healthcare areas. These include most notably initiatives targeted at vulnerable groups, with special attention paid to women, children, people with disabilities and indigenous populations, as well as support in emergency situations in countries such as Peru and Mexico.
US	Projects with entities specialised in education and healthcare, as well as other sponsorship and patronage projects that promote local socioeconomic and cultural development.
Europe	Projects to help people with disabilities and those at risk of social exclusion to find work. Sponsorship and patronage actions in the areas of socioeconomic development, social welfare and education.

Further information

- Appendix 6. Social investment report pursuant to LBG methodology

IV.- Corporate volunteering

The Group promotes social initiatives in collaboration with its employees, thus strengthening corporate volunteering and, through it, the commitment of its employees to society.

Noteworthy in this context is the OHL Volunteers programme which in 2017, celebrated its tenth anniversary. Currently, OHL Volunteers is made up of more than 400 employees from Spain and Mexico. In addition, the Group engages in volunteering, on a more sporadic basis, in the US, Canada, Chile, Peru and Colombia.

10 years of OHL Volunteers in figures
+ 6,500 participating employees
+ 150 initiatives
+20,000 beneficiaries

In 2017 more than 10,000 people benefitted from 32 social initiatives carried out by the Group. More than 500 employees assisted the Group in promoting this work.

Further information:
- Appendix 7. Corporate volunteering actions in the framework of the 10th Anniversary of OHL Volunteers. OHL Volunteers website: www.voluntariosohl.com

V.- Relationship with stakeholders and alliances

The OHL Group values its reputation as a fundamental intangible asset, since it evidences the trust that its stakeholders place in the Company. The OHL Group's stakeholders are: customers, shareholders, the financial community, the media, employees, suppliers, local communities, R&D partners, industry associations, government agencies, employer branding influencers, trade unions, consulting firms, NGOs and Foundations and the general public. In order to promote active management of the Company, in 2017 a specific management body was set up, namely, the Reputation Working Group, made up of senior management (CEO, Division General Managers and Corporate General Managers), as well as those responsible for the areas most linked to the relationship with stakeholders, such as the Communication, Compliance, Risks and Internal Control, Investor Relations and CSR.

Through this working group, the reputation management model and a plan that includes specific initiatives focused on improving the perception, at short term, of the Company were defined.

In addition to these management mechanisms, OHL has channels for continuous interaction and dialogue with its main stakeholders. Worthy of particular mention are the customer satisfaction and claims management analysis systems; the face-to-face meetings with senior management and other channels of communication with shareholders and investors; the supplier hotlines; the local community interaction projects; and the performance evaluation meetings with employees

Further information:
- Appendix 8. OHL Group alliances

Chapter IV.- Good Governance

a) Good Governance

I. Ownership structure (percentages of ownership). At 31 December 2017

SHAREHOLDER	% OF OWNERSHIP
Inmobiliaria Espacio, S.A.	51.12
Societe Generale, S.A.	4.28
Deutsche Bank, A.G.	4.24
Hengistbury Investment Partners LLP	3.69
Hengistbury Master Fund Limited	3.39
Santander Asset Management, S.A., SGIIC	3.02
Invesco, Ltd	2.54
Other shareholders	30.55

II.- Governing bodies

BOARD OF DIRECTORS

Composition at 31 December 2017:

Chairman

Juan Villar-Mir de Fuentes (proprietary)

First Deputy Chairman

Silvia Villar-Mir de Fuentes (proprietary)

Second Deputy Chairman and CEO

Juan Luis Osuna Gómez (executive)

Directors

Álvaro Villar-Mir de Fuentes (proprietary)

Ignacio Moreno Martínez (independent)

Javier Goñi del Cacho (proprietary)

José Luis Díez García (independent)

Juan Antonio Santamera Sánchez (proprietary)

Juan José Nieto Bueso (independent) (coordinating director)

Manuel Garrido Ruano (proprietary)

Mónica de Oriol Icaza (independent)

Reyes Calderón Cuadrado (independent)

In 2017 the Board approved the appointment through co-optation of two new directors: Ignacio Moreno Martínez, independent director, and Javier Goñi del Cacho, proprietary director, subsequently ratified by the shareholders at a General Meeting.

The appointment of Ignacio Moreno Martínez increased the percentage of independent directors on the Board, the number rising from 4 to 5, representing more than 45% of the non-executive directors, in accordance with the Good Governance recommendations.

Further information in the Annual Corporate Governance Report (ACGR) for 2017.

BOARD COMMITTEES

Audit and Compliance Committee (ACC)

Composition at 31 December 2017:

Chairman

José Luis Díez García (independent)

Directors

Manuel Garrido Ruano (proprietary)

Reyes Calderón Cuadrado (independent)

On 29 March 2017, the Committee appointed José Luis Díez García as its Chairman.

Main business transacted by the ACC in 2017:

- Review of the separate and consolidated financial statements for the year ended 31 December 2016 and periodic, quarterly and half-yearly information, provided to the market, together with information demanded from the Company by the Spanish National Securities Market Commission (CNMV) and the replies thereto.
- Submit to the Board of Directors, for authorisation for issue, the Annual Corporate Governance Report for 2016.
- Sustainability Report for 2016.
- Analysis of internal auditor's reports included in its annual plan and other reviews conducted in the year.
- 2016 tax report.
- Analysis of the independence and proposal for the appointment of the external auditor.
- Proposal for the appointment of the external auditor for 2017.
- Supervision of the risk control systems and actions in relation to the OHL Group's Risk Management Model.
- Supervision of the actions of the Compliance Department in its work in relation to the Code of Ethics, surveillance measures, management model and crime prevention and management of incidents reported through the Ethics Channel.
- Self-assessment of the functioning of the Committee.

For further information please see the Annual Corporate Governance Report (ACGR) for 2017.

Nomination and Remuneration Committee (NRC)

Composition at 31 December 2017:

Chairman

Mónica de Oriol e Icaza (independent)

Directors

Juan Antonio Santamera Sánchez (proprietary)

Juan Villar-Mir de Fuentes (proprietary)

Juan José Nieto Bueso (independent)

Reyes Calderón Cuadrado (independent)

On 29 March 2017, Juan Antonio Santamera Sánchez and Reyes Calderón Cuadrado became members of the Committee.

Main business transacted by the NRC in 2017:

- Evaluate competencies, knowledge and experience needed by the candidates to cover the vacancies arising on the Board of Directors during the year, actively participating in the independent director selection process, and reporting on the proposals relating to the other directors appointed in 2017.
- Analyse and report on the appointments to the Board of Directors in 2017 as a result of the replacement of the Chief Executive Officer of the Board.
- Report on the director remuneration policy approved at the Annual General Meeting for 2017 and subsequent years pursuant to article 529 novodecies of the Spanish Limited Liability Companies Law.
- Propose to the Board of Directors the remuneration of the executive director and the other contractual terms and conditions.
- Report on the appointment and removal of senior executives and the basic terms and conditions of their contracts.
- Submit to the Board of Directors for authorisation for issue the Board Directors Remuneration Report for 2016.
- Analyse and report on transactions with related parties carried out in 2017 in accordance with Group regulations.
- Actions in relation to the Group's Corporate Social Responsibility Policy.
- Self-assessment of the functioning of the Committee.

Further information in the Annual Corporate Governance Report (ACGR) for 2017.

Incompatibilities and conflicts of interest (Regulations of the Board of Directors)

The Regulations of the Board of Directors of the OHL Group regulate situations of incompatibility and conflicts of interest of its directors. They also address, in detail, those situations in which, due to the existence of a possible conflict of interests, the director must inform the Board of Directors of any situation of direct or indirect conflict that they may have with the interests of the Company; and they must refrain from attending and intervening in deliberations and voting that affect matters related to the conflict.

The Company has a specific rule that, implementing the provisions of the Regulations of the Board of Directors and approved by the Board of Directors, reinforces and details the procedures and controls of transactions that the Company or any of the companies in its Group wish to carry out with the directors, with the significant shareholders or with persons related to them.

The transactions affected by this procedure are all transfers of resources, services, rights and obligations, regardless of whether or not there is any consideration, made by any of the persons referred to in the previous section, with the Company or with any of the Group companies.

Neither the directors nor the executives of the Company reported any incompatibility or conflict of interest in 2017. The Company reports in the financial statements and the corporate governance report the significant related party transactions performed by it or by Group companies with significant shareholders, directors, executives or parties related to them.

Further information in the financial statements and Annual Corporate Governance Report (ACGR) for 2017.

MANAGEMENT COMMITTEE

Composition at 31 December 2017:

Chairman

Juan Luís Osuna Gómez

Second Deputy Chairman and CEO of the OHL Group

Directors

- Ignacio Botella Rodríguez

General Manager of the Engineering and Construction Division

Jose Antonio de Cachavera Sánchez

General Manager of the Services Division

- Alfonso Gordon García

General Manager of Human Resources and Organisation

- Alfonso Orantes Casado de Amezúa

General Manager of Strategy, Systems and Innovation

Andrés Pan de Soraluce Muguiro

General Manager of the Development Division

Enrique Weickert Molina
General Economic and Financial Manager of the OHL Group
José María del Cuvillo Pemán*
General Manager of Legal Services of the OHL Group
Gonzalo Targhetta Reina**
Risk and Internal Control Manager of the OHL Group

**Acts as secretary.*
*** Standing invitee.*
❖ Not senior executives at the date of this report.

Diversity Policy Applied in connection with the Board of Directors
In 2017 the Group also approved the Director Selection Policy, which ensures that the proposals for appointment or re-election of these positions are based on a prior analysis of the needs of the Board of Directors and favour the diversity of knowledge, experience and gender.
Specifically, the policy establishes the mechanisms required for the selection procedure not to be afflicted by bias hindering the appointment of women directors and for it to deliberately seek women who could potentially be candidates for the post. This policy also provides for the goal that in 2020 women directors represent at least 30% of the total number of directors.

b) Ethics and compliance

I.- Code of Ethics and Anti-Corruption Policy

Ethics, integrity, honesty, spirit of improvement, continuous improvement and transparency are the corporate values of the OHL Group that guide the conduct of all its directors and employees in the performance of their work.
The Code of Ethics, approved by the Board of Directors in 2010 and revised in 2012 and 2015, is an express and precise indication of the values, principles and behavioural guidelines, in order to:

- Develop the models and guidelines for professional, ethical and responsible behaviour that should guide all the people who make up the OHL Group in the performance of their work
- Prevent the commission of criminal acts and any unlawful behaviour by the persons bound by this Code in the performance of their professional activity.
- Establish the monitoring and control mechanisms necessary to guarantee compliance with it.

The Code of Ethics constitutes one of the cornerstones of OHL's Corporate Social Responsibility management and is the channel for the development of its corporate values, which are:

- Professional ethics, integrity, honesty, loyalty, efficiency and responsibility vis-à-vis stakeholders, in all the actions of the Group, while at all times fully complying with the law in force.
- Will to succeed and continuous improvement in professional performance, while striving at all times for excellence.
- Transparency in the dissemination of information, which must be adequate, accurate, checked and complete.
- Creation of value with a quest for profitability and sustainable growth.
- Constant promotion of committed quality, innovation, safety and respect for the environment.

All OHL employees must know and sign the Code of Ethics; therefore, since 2012 a clause has been included in the employment contract for new hires and a copy of the document is given to them when they sign it.

The Group signed the United Nations Global Compact and, accordingly, it is committed to working anywhere in the world against corruption and bribery and following the recommendations in this field of international organisations such as the OECD.

These values constitute the foundations on which the Code of Ethics is based and establish the general action guidelines that must be observed by all OHL Group employees in performing their professional duties. In 2017, although there was no specific training on the Code of Ethics and the Anti-Corruption Policy, e-mails and informative bulletins were sent to the Group's employees. Also, the course on the Code of Ethics and Anti-Corruption Policy was updated by migrating it to an interactive online platform.

II.- Ethical Communications Channel

The Ethical Channel is available to all the people that form part of the OHL Group, as well as to the stakeholders, for any consultation or for the communication in good faith of any professional conduct that may involve, by action or omission, irregularities, breaches or acts contrary to the rules and principles set forth in the Code of Ethics, to all the other rules and procedures making up the Group's internal regulatory system or to law.

The Audit and Compliance Committee guarantees the proper management of the complaints made, which ensures that they will be treated with complete confidentiality and in accordance with the internal procedure that regulate its modus operandi. Also, it is responsible for implementing such disciplinary, enforcement and legal actions as might be required until such time as they have been resolved.

The Ethics Channel provides, inter alia, for the processes for dealing with complaints to ensure confidentiality, fair treatment (and the absence of reprisals), notification, analysis, investigation and resolution.

In 2017 a total of 60 complaints were received, 48 of which were made through the Ethical Communications Channel, the other 12 being made through other channels. A total of 29 of the complaints were investigated and 31 were dismissed because they did not represent any violation of the Code of Ethics. In 11 of the cases investigated disciplinary measures were taken.

III.- Crime Prevention Model

OHL has an Organisation and Management Model for the Crime Prevention (CPM) in Spain, which was updated in 2017 to adapt it to the organisational changes at the Group and which has the following characteristics:

- The model is ordered on the basis of the organisational structure of the OHL Group, highlighting, in specific sections, the criminal risks and the corresponding controls, both for the corporation and for each of the divisions.
- Based on this structure, the model identifies the criminal risks to which there is exposure for each activity or support function in Spain.
- Internal controls have been associated with each risk identified that mitigate or decrease the probability of each criminal risk materialising.
- The model documents these internal controls with the attributes that characterise them, including the area or department responsible for implementing them, a specific description of the control activity and the evidence supporting that activity. Also, where applicable, each control is accompanied by the policy, rule, process or procedure setting forth and specifying the criteria followed for adopting decisions relating to the management of the Group's activity.

The CPM includes controls relating to the OHL Group's system of Internal Control over Financial Reporting (ICFR), which also has the capacity to prevent crimes, including most notably those associated with the management of financial resources.

The model is updated on the basis of the organisational and legal changes that take place and will gradually be implemented in the various countries in which it has a presence, adapting it to local legislation.

c) Effective risk management

Risk management is a strategic priority for the OHL Group. Through advanced analysis and control systems, it aims to minimise exposure to such risks, ensure compliance with the profitability targets of each project and that the new contracting is in line with the risk control parameters set by the managing bodies.

In this context, in 2017 progress was made in the following lines of action:

STRONGER AND MORE ORGANISED MANAGEMENT STRUCTURE

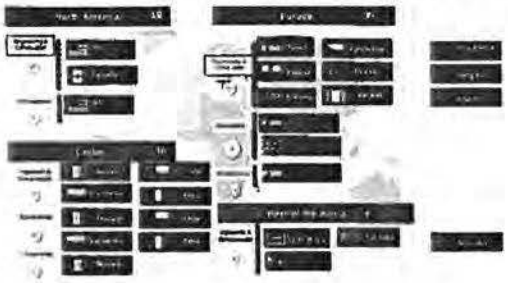
The organisational units required for risk management in each division were strengthened and the Risk Monitoring Committee was consolidated as a forum for ensuring the alignment of the initiatives launched in each of them with the strategy

set by the Corporate Risks Department and for sharing good practices among the various divisions.

BUSINESS RISK IDENTIFICATION AND PRIORITISATION PROCESS RISK MAPS

Progress was made in the identification, assessment and prioritisation of business risks by drawing up risk maps with a capillary and bottom-up approach: more than 120 evaluators from all the divisions and corporate departments participated in the evaluation process, assessing the risks of their respective companies and regions and completing the risk materialisation reports for the year.

Once this information had been consolidated, it was used to determine the priority risks for the OHL Group, on which mitigation actions were proposed and approved by the Group's Management Committee and Board of Directors.



RISK EXPOSURE CONTROL SYSTEMS: COUNTRY RISK AND RED LINES

In addition to risk maps, the OHL Group has mechanisms for controlling exposure to key risks. Thus, to manage its expansion in new markets, OHL has defined a Country Risk Model, with the inclusion of two new types of risk (weather risk and cybersecurity risk) which will be consolidated in the risk assessment of each country under study. The results of the model, which is periodically updated, serve to make investment decisions.

In addition, in order to manage the operational performance risks, there is a system of red lines that mark the risk tolerance level of the OHL Group in relation to commercial and contractual issues. In 2017 these red lines were updated for the projects of the Engineering and Construction Division and were approved by the Board of Directors.

PROJECT RISK MANAGEMENT SYSTEM: MANAGING RISKS IN DAY-TO-DAY OPERATIONS

In addition to the tools for managing the aforementioned high-level risks, the OHL Group also has systems for managing the specific risks of the projects carried out by the Company, which cover the entire life cycle of the project, from the bidding phase right through to performance and closing.

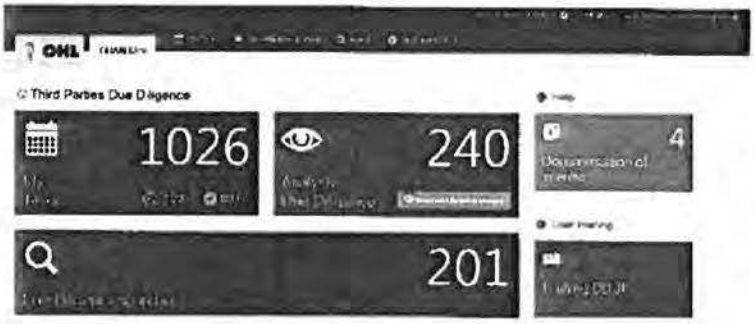
In this regard, in 2017 the Engineering and Construction Division defined a new risk management process for projects at the bidding phase and a specific tool was designed to optimise that management, which is being implemented in various pilot markets. This tool not only makes management more flexible, but it also establishes a homogeneous and coordinated model for action, decision making and control throughout the life of the project.



TECHNOLOGICAL SOLUTIONS: DIGITISING RISK MANAGEMENT

The OHL Group's Risk and Internal Control Department continued to make progress on the digitisation of risk management by designing new tools and updating existing ones.

Worth noting in this connection are the design and implementation of the new tool that supports the third-party due diligence process, an in-house development of the OHL Group to integrate the technical, financial and compliance risk analyses performed before formalising relationships with customers, shareholders and subcontractors/critical suppliers, among other third parties.



In addition, progress continues to be made in the implementation of a risk management tool for projects at the performance phase, which was launched in prior years.

d) Internal audit

The Internal Audit Department is an independent and objective assurance, internal control and consultation service to provide support to the organisation in the effective fulfilment of its responsibilities and objectives. Moreover, it is not an executive body within OHL and operates in accordance with the policies established by the Board of Directors, through its Audit and Compliance Committee.

Its basic functions are:

- To review the veracity, reliability and completeness of the financial and operating records and information.
- To report on the proper performance of processes and the efficient use of resources.
- To verify the reliability of the risk management and internal control systems and the quality of the information.
- Specifically, to review the system of Internal Control over Financial Reporting (ICFR).
- To verify the existence and status of assets and their protection.
- To verify the existence of internal rules and procedures that adequately regulate the main activities and that make it possible to correctly measure the economy and effectiveness thereof.
- To evaluate the degree of compliance with internal and external rules and procedures.
- To propose modifications, revisions or adaptations of the set of internal regulations required to enhance operations.
- To monitor investment and divestment transactions.
- To maintain coordinated relationships with the work performed by the external auditor as a complementary activity.
- To make recommendations to help correct the anomalies detected and monitor their implementation.
- To prepare their work plans and keep them updated, including the preparation of the annual activity report, etc.
- To keep an inventory of fraud risks and the associated controls, and test the effectiveness of those controls on a rotating basis.
- To participate as a guest on various committees: Management, Investments, Quality and Environment and Systems Security.

The Audit and Compliance Committee reviews all the reports it issues and they are presented at its monthly meetings.

In 2017 audits were carried out in all the Group's divisions and in most of the countries in which operates. The scope of those audits encompasses mainly the following:

- Concessions, construction projects and industrial projects and services.
- Regular obtainment of indicators/alerts on specific parameters (preventative audit).
- System of Internal Control over Financial Reporting.
- Economic control and other significant aspects of the implementation of new systems.
- Insurance.
- Variable remuneration.
- Verification that investments approved by the Investments Committee have actually been made.

Also, the Committee has a specialist fraud prevention and investigation unit, which performed actions in this connection throughout the year. It also continued with the verification of compliance with human rights policies.

For the most significant recommendations and corrective measures, monthly monitoring activities are performed in the Management Committee and in the Annual Internal Audit Report submitted to the Audit and Compliance Committee.

Chapter V.- About this Report

a) Scope

The scope of this report for the purposes of the Global Reporting Initiative (GRI) is the same as that of the consolidated financial statements, which includes OHL, S.A. and subsidiaries.

In the case of the Concessions business and in view of the decision to sell it, it is included as a discontinued operation and, therefore, the information thereon has been excluded from the Group's indicators. The most significant non-financial information relating to this discontinued operation is presented in Chapter III, CSR in the Concessions Division.

Any difference with respect to the scope described, due to the fact that the information is not available in a given country, has been indicated in each of the corresponding sections and in the table of GRI contents.

US environmental information was not included in 2017 due to the unavailability thereof at the time of preparation of this report. The relative weight of the US in total consolidated employees is 10%.

b) Preparation methodology

The process of preparing the OHL Group's 2017 consolidated directors' report followed the recommendations of the International Integrated Reporting Framework (IR) of the International Integrated Reporting Council (IIRC) and regulatory guidance in this area[2].

The quality of the information collected at source is a key element in the preparation of the 2017 consolidated directors' report. The collection and consolidation of information at source is done through the Enablon software application.

- [2] Directive 2014/95/EU of the European Parliament and of the Council amending Directive 2013/34/EU as regards the disclosure of non-financial and diversity information.
- European Commission Guidelines: Methodology for reporting non-financial information
- Royal Decree-Law 18/2017, of 24 November, amending the Spanish Commercial Code, the Consolidated Spanish Limited Liability Companies Law approved by Royal Legislative Decree 1/2010, of 2 July and Spanish Audit Law 22/2015, of 20 July, in the area of non-financial information and diversity.

The principles of inclusiveness, materiality and responsiveness, included in the AA1000 standard, which includes the AA1000APS Accountability Principles, are used in its preparation.

For the first time, this report has been prepared in accordance with the reporting principles in the new version of the GRI-Standards, with regard to determining the content of the report (stakeholder inclusiveness, sustainability context, materiality, completeness) and the quality of the report (balance, comparability, accuracy, timeliness, clarity and accuracy). In cases where some of these principles have not been applied, this is specifically indicated in the content in question.

With this Report, the OHL Group aims to address the demands for information from the Company's stakeholders and demonstrate the relevance of CSR to it.

In order to provide complete, transparent and rigorous communication, the OHL Group submits the contents of its Sustainability Report and its adaptation to GRI-Standards to various internal and external control and audit processes.

The verification of the contents collected and included in this report has been carried out by Deloitte, following the ISAE 3000 standard with a limited assurance scope.

c) Materiality

The OHL Group analyses the most relevant issues for the Company and its stakeholders in order to define the axes of its strategic CSR plan and to prioritise the contents to be reported in this 2017 consolidated directors' report. With this exercise, the Group seeks to enhance its sustainability efforts and respond to the demands for information from its key stakeholders. This ensures that the issues addressed in this report cover the main expectations of the stakeholders identified by OHL, thus following the principle of materiality of international reporting standards such as the Global Reporting Initiative or Integrated Reporting.

In 2017 the materiality analysis used to define the 2015-2020 CSR strategic Plan was updated. For this purpose, external sources were consulted, such as regulations on reporting of non-financial information, international standards, questionnaires from the main sustainability analysts, reports on the sustainability challenges of our industry or monitoring reports on media and social networks. In addition, the materiality matrices published in the integrated reports and CSR reports of the main companies in our industry and other leading companies were exhaustively benchmarked.

Lastly, in order to complete this analysis, a series of internal interviews were conducted with those responsible for key areas of the organisation. Particular emphasis was placed on those that have a direct relationship with the main stakeholders, who also manage and know first-hand their concerns and information requirements (quality, HR, investor relations, CSR, communication and compliance, among others).

As a result of this external and internal analysis, the following list of material matters was updated:

Good governance and CSR	Section of the consolidated directors' report	GRI-Standard indicator	SDG
Risk management	Pages 58-59 Pages 74-78	102-15 102-30	16
Compliance, ethical management and transparent business	Pages 74-78	From 102-16 to 102-29 From 102-31 to 102-34	5,16
Communication and dialogue with stakeholders	Pages 18-19 Page 54 Page 56 Page 69 Page 75 Page 81	102-40 102-42 102-43 102-44	17
Transparent reporting of financial and non-financial information	Pages 16-19 Page 54 Page 56 Pages 64-65 Page 69 Page 75 Pages 80-83	NA	16
Integrated CSR management	Pages 16-19	NA	16
Mechanisms to fight against corruption and the prevention of money laundering	Pages 74-78	From 205-1 to 205-3	16
Conflicts of interest	Pages 74-78	102-25 201-4 415-1	16
Whistle-blowing channel	Page 75	102-17 419-1	16
Strategy			
Strategy	Pages 14-19	102-2 102-6 102-14	16, 17
Offer of sustainable solutions	Pages 44-46 Pages 60-61	103-1, 103-2 and 103-3	9, 11
Financial value			
Economic growth	Pages 12-19 Pages 31-44 Page 64	201-1	2,7,8,9
Solvency and financial management	Pages 12-16 Pages 31-44	201-1	2,7,8,9
Tax	Pages 64-65	201-1	16
The value of people			
Commitment to compliance with human rights	Pages 16-17 Pages 56-57	406-1 407-1 409-1 410-1 412-1 412-2 412-3	5, 8.16
Quality employment	Pages 49-57	102-8 201-3	8
Health and safety	Pages 55-56	From 403-1 to 403-4	3,8
Diversity and integration	Pages 50-51	405-1	5, 8
Equality	Pages 50-51	202-1 401-2 405-2	5,8,10

Talent management (attraction, retention and development)	Pages 52-54	401-1 401-3	5,8
Training	Pages 52-54	401-1 401-2 401-3	4,5,8
Value for the customer			
Management of customer relationships and satisfaction	Pages 46-47		
Quality control and satisfactory performance of projects	Pages 46-47	417-1 417-2	12
Security of facilities, infrastructure and services	Pages 46-47	416-1 416-2	12
Responsible supply chain management	Pages 47-49	102-9 102-10 204-1 308-1 308-2 414-1 414-2	5,8,16
Innovation (R&D+i)	Pages 45-46	417-1	8,9,11,13
Digital transformation	Pages 44-45	417-1	8,9,11,13
Privacy and information security	Page 45	418-1	16
Environmental value			
Fight against and adaptation to climate change	Pages 58-62	201-2 From 302-1 to 302-5 From 305-1 to 305-7 307-1	3,7,8,12,13,14,15
Efficient use of raw materials and the circular economy	Pages 61-63	301-1 301-2 306-2 306-4	3,6,8,12
Water footprint management	Page 63	From 303-1 to 303-3 306-1 306-3 306-5 307-1	3,6,8,12
Management of impact on biodiversity	Page 63	From 304-1 to 304-4 307-1	6,15
Social and relationship value			
Management of the social impact of the Group's projects and its relationships with communities	Pages 63-69	413-1 413-2	1,5,8
Corporate action and voluntary work	Pages 63-69		17

d) Contact details

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e) Appendix. OHL Concesiones (discontinued operation)

For information purposes, the main **operating aggregates** of this division are presented.

Main aggregates	2017	2016	Var. (%)
Sales	**440.0**	**520.3**	**-15.4%**
EBITDA	**984.3**	**799.2**	**23.2%**
% of Sales	223.7%	153.6%	
EBIT	**957.8**	**728.0**	**31.6%**
% of Sales	217.7%	139.9%	

Millions of euros

The changes in sales and EBITDA of Concesiones with respect to the prior period are as follows:

Sales	2017	2016	Var. (%)
Toll revenue	389.5	387.5	0.5%
Own construction business	7.1	6.2	14.5%
IFRIC 12	43.4	126.6	-65.7%
TOTAL sales	**440.0**	**520.3**	**-15.4%**

Millions of euros

EBITDA	2017	2016	Var. (%)
Toll EBITDA	223.0	256.7	-13.1%
Guaranteed IRR EBITDA	761.3	542.5	40.3%
TOTAL EBITDA	**984.3**	**799.2**	**23.2%**

Millions of euros

The main factors that influenced the growth in sales and EBITDA were as follows:

Sales and EBITDA in comparable terms (at a constant exchange rate and without the effect of the change in the method used to account for Metro Ligero Oeste and Autovia de Aragón) increased by +8.3% and +17.8%, respectively.

The trend in traffic and tolls in the Group's concessions is shown in the table below:

	Changes in traffic			Toll revisions	
	From 01/01/17 to 31/12/17	From 01/01/16 to 31/12/16	Var. (%)	% Revision (5)	Last revision
Mexico					
Amozoc-Perote (1)	39,746	37,664	5.5%	9.30%	January 2017
Concesionaria Mexiquense (1)	354,415	337,219	5.1%	4.00%	August 2017
Viaducto Bicentenario (2)	32,695	32,764	-0.2%	19.00%	August 2017
Autopista Urbana Norte (2)	55,207	53,874	2.5%	5,65% (6)	April 2017
Spain					
Euroglosa M-45 (2)	91,257	86,024	6.1%	2.90%	March 2017
Puerto de Alicante (T.M.S.) (3)	84,571	82,056	3.1%	-	-
Terminal de Contenedores de Tenerife (3)	139,655	92,652	50.7%	-	-
Chile					
Nuevo camino Nogales-Puchuncaví (1)	5,814	5,727	1.5%	4.00%	January 2017
Terminal Cerros de Valparaiso (4)	113,371	120,236	-5.7%	1.07%	January 2015
Peru					
Autopista del Norte (1)	34,697	48,643	-28.7%	1.80%	March 2017

(1) Equivalent average paying traffic.

(2) Average daily traffic (ADT): total km travelled by all the users of the toll road, divided by the total km in operation on the road. This measurement represents the number of users that would have travelled the total km in operation along the toll road.

(3) Cumulative number of TEUs shipped.

(4) Average tonnes of general goods.

(5) Average increase in toll applied at each toll plaza, obtained from the toll revision provided for in each concession arrangement.

(6) Average increase in toll revision at off-peak and peak hours.

The 65.7% decrease in sales under IFRIC 12 (construction activity carried out by the concession operators themselves) is due to the reduction in the amounts invested in 2017, mainly in Concesionaria AT-AT, compared to 2016.

The appreciation/depreciation of the average exchange rate of the euro in December 2017 vis-à-vis the Latin American currencies compared to December 2016 was as follows:

	31/12/2017	31/12/2016	Var. (%)
Mexican peso	21.39	20.65	3.6%
Chilean peso	735.84	742.39	-0.9%
Peruvian sol	3.69	3.72	-0.8%

As a result of these factors, the changes in sales and EBITDA of the main concession operators, grouped together by country, were as follows:

Main aggregates	Sales			EBITDA		
	2017	2016	Var. (%)	2017	2016	Var. (%)
Mexico	**284.2**	**261.4**	**8.7%**	**958.3**	**726.6**	**31.9%**
Amozoc-Perote	33.1	29.4	12.6%	18.0	17.5	2.9%
Concesionaria Mexiquense [1]	173.1	163.6	5.8%	540.0	413.8	30.5%
Viaducto Bicentenario [1]	38.3	35.1	9.1%	155.3	119.7	29.7%
Autopista Urbana Norte [1]	39.7	33.3	19.2%	245.0	175.6	39.5%
Spain	**57.3**	**71.0**	**-19.3%**	**30.4**	**88.8**	**-65.8%**
Euroglosa M-45	13.7	13.3	3.0%	11.5	11.2	2.7%
Autovía de Aragón [2]	14.1	31.7	-55.5%	11.5	32.0	-64.1%
Puerto de Alicante (T.M.S.)	16.4	16.0	2.5%	3.7	3.9	-5.1%
Terminal de Contenedores de Tenerife	13.1	10.0	31.0%	3.7	2.0	85.0%
Metro Ligero Oeste [3]	0.0	0.0	-	0.0	39.7	n.a.
Chile	**25.7**	**21.6**	**19.0%**	**12.0**	**9.6**	**25.0%**
Nogales-Puchuncaví	4.8	1.5	220.0%	3.3	1.1	200.0%
Terminal Cerros de Valparaiso	20.9	20.1	4.0%	8.7	8.5	2.4%
Peru	**22.3**	**33.5**	**-33.4%**	**22.6**	**23.6**	**-4.2%**
Autopista del Norte	22.3	33.5	-33.4%	22.6	23.6	-4.2%
Total Concessions	**389.5**	**387.5**	**0.5%**	**1,023.3**	**848.6**	**20.6%**
Central and Other	50.5	132.8	-62.0%	-39.0	-49.4	-21.1%
Total	**440.0**	**520.3**	**-15.4%**	**984.3**	**799.2**	**23.2%**

Millions of euros.

(1) Including EBITDA from the guaranteed revenue adjustment pursuant to the concession arrangements, which is classified under "Other Operating Income" and is excluded from "Revenue", as in the case of the other concession operators accounted for using the financial asset model. The detail at 31 December 2017 is as follows: Concesionaria Mexiquense EUR 411.8 million, Viaducto Bicentenario EUR 130.2 million and Autopista Urbana Norte EUR 219.3 million

(2) In 2017 including sales and EBITDA until May, after having sold 75.0% of the investment in June 2017.

(3) In 2016 including EBITDA until June, after having sold 14.0% of the investment and starting to account for it using the equity method.

f) CSR in the Concessions Division

The detail of the principal CSR parameters of this division is as follows:

I.- Human capital

The human capital of the Concessions Division at 31 December 2017 was made up of 2,229 people compared to 2,211 in 2016.

Changes in direct induced employment				
Division	Subcontractors		Directly created induced jobs	
	2017	2016	2017	2016
Concessions	88	70	4,255	2,557

II.- Health and safety

Division	Frequency rate		Seriousness rate		Incidence rate	
	2017	2016	2017	2016	2017	2016
Concessions	7.14	13.97	0.18	0.37	1,884.0	2,857.0

III.- Investment in R&D+i

Investment in R&D+i		
Division	2017	2016
Concessions	EUR 1,075.8 thousand	EUR 2,187.5 thousand

V.- Environmental value

Emissions

2017



Scope 1
Scope 2
(tCO_2e)

Scope 3 (2017): 3,164,513.43 t of CO_2e

2016



Alcance 1 // Scope 1
Alcance 2 // Scope 2
(tCO2e)

2010
año base
base year



Alcance 1 // Scope 1
Alcance 2 // Scope 2
(tCO2e)

Alcance 3 por división de negocio (tCO2e contabilizadas)
Scope 3 by business division (tCO2e accounted)

Scope 3 (2016): 6,146,001 t of CO_2e

V.- Social and relationship value

Social investment		
Division	2017	2016
Concessions	EUR 2,679.3 thousand*	EUR 734,421.0

*Data distributed between: LBG (EUR 1,816,300) and NO LBG (EUR 863,026.4). In addition, there are other social investments that do not comply with the requirements established in the LBG methodology, since they are contractual, legally binding or restricted to employees and family members.

g) Alternative performance measures

The OHL Group presents its results in accordance with International Financial Reporting Standards (IFRSs) and also uses certain Alternative Performance Measures (APMs) that facilitate a better understanding and comparability of the financial information. In order to comply with the guidelines of the European Securities and Markets Authority (ESMA), we hereby disclose the following:

EBITDA: profit from operations before the depreciation and amortisation charge and changes in provisions and allowances, deducting, where appropriate, extraordinary/non-recurring gains or losses with no impact on cash.

Recourse EBITDA: total EBITDA (including interest income and excluding non-recurring extraordinary losses), less the EBITDA of the project companies, and including, where appropriate, dividends paid to the Parent by the project companies.

Project companies: companies for whose debt there is no recourse to the Parent OHL, S.A.

EBIT: calculated on the basis of the following line items in the consolidated statement of profit or loss: "Revenue", "Other Operating Income", "Operating "Expenses", "Staff Costs", "Depreciation and Amortisation Charge" and "Changes in Provisions and Allowances".

Gross borrowings: groups together the balances of the "Non-Current Liabilities - Debt Instruments and Other Marketable Securities", "Non-Current Liabilities - Bank Borrowings", "Current Liabilities - Debt Instruments and Other Marketable Securities" and "Current Liabilities - Bank Borrowings" headings on the liability side of the consolidated balance sheet, including bank borrowings and bonds.

Net borrowings: made up of gross borrowings less "Other Current Assets" and "Cash and Cash Equivalents" on the asset side of the consolidated balance sheet.

Non-recourse borrowings (gross or net): the borrowings (gross or net) of the project companies.

Recourse borrowings (gross or net): total borrowings (gross or net) less non-recourse borrowings (gross or net).

Backlog: short-and long-term unearned revenue from contracts awarded. Once they have been formalised, these contracts are included in the backlog.

- **Short-term backlog:** represents the estimated unearned Construction, Industrial and Services revenue, and also includes expected revenue from changes in contracts or additional work estimated on the basis of the percentage of completion of the projects.
- **Long-term backlog:** represents the estimated future revenue of the concessions, over the concession term, based on the financial plan of each concession and including assumptions concerning changes in the exchange rates between the euro and other currencies, inflation, prices, tolls and traffic volumes.

Market capitalisation: number of shares at year-end multiplied by the year-end share price.

Earnings per share (EPS): profit or loss attributable to the Parent divided by the average number of shares in the year.

PER: year-end share price divided by the earnings per share for the last twelve months.

Comparable: sometimes adjustments are made to certain figures to make them comparable between years, for example by eliminating extraordinary impairment, significant inclusions in or exclusions from the scope of consolidation that can distort the comparison between years of aggregates such as sales, the exchange rate effect, etc. The adjustments made in each case are detailed in the corresponding heading.

GRI table – Environmental performance indicators

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFORMANCE INDICATORS		CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
301-1	**Materiales utilizados, por peso o volumen // Materials used, by weight or volume**						
Tierras, rocas y áridos de cantera // Quarry-sourced earth and rock (t)		19,436,069.61		-	-	-	19,436,069.61
Tierras, rocas y áridos subproducto de otras actividades // Earth and rock, byproducts of other activities (t)		6,536,468.01		-	322.00	-	6,536,790.01
Tierra vegetal // Topsoil (t)		146,290.88	-	-	86.64	-	146,377.52
Tierra vegetal subproducto de otra actividad // Topsoil, byproduct of another activity (t)		1,756,157.29		-	-	-	1,756,157.29
Metales // Metals (t)		658,659.98	1,562.23	-	-	-	660,222.21
Hormigón // Concrete (t)		3,977,217.20	185,472.72	-	-	-	4,162,689.92
Cemento // Cement (t)		172,037.82		-	-	-	172,037.82
Mezclas bituminosas // Asphalt mixes (t)		280,911.41	-	-	-	-	280,911.41
Betunes // Bitumen (t)		15,431.29	-	-	-	-	15,431.29
Aceites y grasas industriales // Industrial oils and greases (t)		166.12	0.18	-	1,17	-	167.47
Productos químicos (disolvente) // Chemicals (solvents) (t)		60.99	23.20	13.51	1.51	0,07	99.28
Fertilizantes // Fertilizers (t)			-	-	-	-	0.00
Plásticos y derivados // Plastics and derivatives (t)				-	1.83	-	1.83
Pintura organoclorada // Organochlorine paint (t)		14.79		-	-	-	14.79

		INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFOMANCE INDICATORS	CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
		Pintura no organoclorada // Non-organochlorine paint (t)	111.67		-	-	-	111,67
		Gases refrigerantes // Refrigerant gases (t)	0,03	-	0.43	0,01	-	0,47
		Productos forestales certificados // Certified forestry products (t)	435.69	-	-	-	-	435,69
		Papel (producto forestal no certificado reciclado) // Paper (non-certified recycled forestry products) (t)	14,84	0,00	0,10	0.10	35.18	50.22
		Papel (producto forestal no certificado no reciclado) // Paper (non-certified non-recycled forestry products) (t)	129,40	0,00	0,37	4.72	92.06	226.54
		Madera (producto forestal no certificado) // Wood (non-certified forestry product) (t)	126,695.85	-	-	-	0,00	126,695,85
		Tejidos // Fabrics (t)	-	-	55.39	0,03	-	55,42
		TOTAL (t)	33,106,872,86	187,058,33	69,80	418.02	127.30	33,294,546.30
		PRODUCTOS COMPRADOS DIRECTOS // PRODUCTS PURCHASED DIRECTLY (t)	33,106,501,51	187,034,95	55,83	410.51	0.00	33,294,002.79
		PRODUCTOS-MATERIALES NO RENOVABLES // NON-RENEWABLE PRODUCTS-MATERIALS (t)	31,077,148,91	187,058,33	13.94	326.52	0.07	31,264,547.77
301-2	**Porcentaje de los materiales utilizados que son materiales valorizados // Percentage of materials used that are recycled input materials**							
		TOTAL (t)	8,951,300	1,562	0	322	-	8,953,219,73
		PORCENTAJE // PERCENTAGE (%)	27.0%	0,8%	0.1%	77.1%	-	26.9%
301-3	**Porcentaje de productos vendidos, y sus materiales de embalaje, que son recuperados al final de su vida útil, por categorías de productos // Percentage of products sold and their packaging materials that are reclaimed by category**	La actividad del Grupo OHL no produce bienes con embalajes destinados a la venta // The business activity of the OHL Group does not produce goods with packaging intended for sale						

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFOMANCE INDICATORS		CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
302-1	**Consumo energético interno // Energy consumption within the organization**						
	Consumo de combustible de fuentes no renovables // Consumption of fuels from non-renewable sources						
	Gasoil // Gasoil (l)	32,567,543	2,135,029	635,134	16,893	15,044	35,369,642
	Gasoil // Gasoil (GJ)	1,238,898	81,218	24,161	643	572	1,345,493
	Gasolina // Gasoline (l)	1,681,268	518,575	8,490	69,812	16,041	2,294,185
	Gasolina // Gasoline (GJ)	55,518	17,124	280	2,305	530	75,758
	Gas natural // Natural gas (m^3)	892,339	0	0	0	0	892,339
	Gas natural // Natural gas (GJ)	34,810	0	0	0	0	34,810
	GLP // LPG (l)	234,299	43,082	0	60,697	0	338,078
	GLP // LPG (GJ)	5,510	1,013	0	1,427	0	7,950
	Lignito // Lignite (kg)	374,053	0	0	0	0	374,053
	Lignito // Lignite (GJ)	9,725	0	0	0	0	9,725
	CONSUMO TOTAL DE COMBUSTIBLE DE FUENTES NO RENOVABLES // TOTAL CONSUMPTION OF FUEL FROM NON-RENEWABLE SOURCES (GJ)	1,344,462	99,356	24,441	4,375	1,102	1,473,736
	Consumo de combustible de fuentes renovables // Consumption of fuel from renewable sources						
	Biodiesel (l)	3,903	695	0	0	0	4,597

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFOMANCE INDICATORS	CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
Biodiesel (GJ)	134	24	0	0	0	157
CONSUMO TOTAL DE COMBUSTIBLE DE FUENTES RENOVABLES // TOTAL CONSUMPTION OF FUEL FROM RENEWABLE SOURCES (GJ)	134	24	0	0	0	157
Energía indirecta adquinda para consumo // Indirect energy purchased for consumption						
ELECTRICIDAD // ELECTRICITY (GJ)	213.900	30.145	982	2.035	1.577	248.640
Energía indirecta autogenerada para consumo // Self-generated indirect energy for consumption						
SOLAR (GJ)	0	101	0	0	0	101
CONSUMO TOTAL DE ENERGIA // TOTAL ENERGY CONSUMPTION (GJ)	1.558.495	129.626	25.423	6.410	2.679	1,722,634
302-2 **Consumo energético externo // Energy consumption outside of the organization**						
CONSUMO DE ENERGIA FUERA DE LA ORGANIZACIÓN // ENERGY CONSUMPTION OUTSIDE OF THE ORGANIZATION (GJ)	El consumo energético externo más relevante se produce por parte de los usuarios de las infraestructuras y por los proveedores y subcontratista//The most important external energy consumption is produced by the users of the infrastructures and by the suppliers and subcontractors					
302-3 **Intensidad energética // Energy intensity**						
MEDIDA DE LA ORGANIZACIÓN: VENTAS (Millones de euros) // MEASURED BY THE ORGANIZATION: SALES (Millions of euros)	1.533	270	238	48	-	2,088
INTENSIDAD ENERGÉTICA DE LAS VENTAS (GJ/Millones de euros) // ENERGY INTENSITY OF THE SALES (GJ/Millions of euros)	1.017	480	107	133	-	825
302-4 **Reducción del consumo energético // Reduction of energy consumption**	Ver Informe de Emisiones de GEI del Grupo OHL // See the GHG Emissions Report of the OHL Group					

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFOMANCE INDICATORS		CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
302-5	**Reducciones de los requisitos energéticos de los productos y servicios // Reductions in the energy requirements of the products and services**	Ver Informe de Emisiones de GEI del Grupo OHL // See the GHG Emissions Report of the OHL Group					
303-1	**Captación total de agua por fuentes // Total water withdrawal by source**						
	AGUAS SUPERFICIALES // SURFACE WATER (m^3)	513,004	199,544	0	0	0	712,547
	AGUAS SUBTERRANEAS // GROUND WATER (m^3)	526,203	423,510	0	5,378	0	955,091
	AGUAS PLUVIALES captadas y almacenadas por la organización // RAIN WATER collected and stored by the organization (m3)	0	0	0	0	0	0
	AGUAS RESIDUALES de otra organización // WASTEWATER from another organization (m^3)	0	0	0	0	0	0
	AGUAS DE SUMINISTRO PÚBLICO // MUNICIPAL WATER SUPPLIES OR OTHER WATER UTILITIES (m^3)	650,823	131,313	178,781	0	9,442	970,359
	TOTAL (m^3)	1,690,030	754,366	178,781	5,378	9,442	2,637,997
303-2	**Fuentes de agua que han sido afectadas significativamente por la captación de agua // Water sources significantly affected by withdrawal of water**	El Grupo OHL no realiza captaciones de agua que afecten significativamente a la biodiversidad y hábitats de los recursos hídricos afectados. Todas las captaciones son actividades autorizadas por la administración, garantizando que la toma de agua no influye en el caudal ecológico ni en las necesidades de consumo de la población. En las zonas de estrés hídrico se toman medidas especiales para reducir al máximo el impacto. // The OHL Group does not make extractions of water that significantly affect the biodiversity and habitats of the water resources affected. All of the collections/uses are activities approved by the authorities, guaranteeing that the intake of water does not influence the ecological abundance or the consumption needs of the population. Special measures are taken in water-stressed areas to reduce the impact as far as possible					
	Número de fuentes de agua afectadas por la captación (desglosadas por tamaño, por clasificación como área protegida, en términos de biodiversidad y según valor para las comunidades locales) // Number of sources of water affected by extraction (YYSize of water source; whether or not the source is designated as a protected area YYBiodiversity value; value or importance of water source to local communities and indigenous peoples)	Descripción recogida en el indicador EN11, EN12, EN13 y EN14 // Description set out in indicators EN11, EN12, EN13 and EN14.					

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFOMANCE INDICATORS		CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
303-3	**Porcentaje y volumen total de agua reciclada y reutilizada // Percentage and total volume of water recycled and reused**						
	VOLUMEN TOTAL DE AGUA RE RECICLADA O REUTILIZADA // TOTAL VOLUME OF RECYCLED OR REUSED WATER (m^3)	248,515	7,749	0,00	0,00	0,00	256,264
	PORCENTAJE DE AGUA REUTILIZADA O RECICLADA SOBRE EL TOTAL CONSUMIDO // PERCENTAGE OF REUSED OR RECYCLED WATER ON THE TOTAL CONSUMED (%)	15%	1%	0%	0%	0%	10%
304-1	**Instalaciones operativas propias, arrendadas, gestionadas que sean adyacentes o estén ubicadas en áreas protegidas y áreas no protegidas de gran valor para la biodiversidad // Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas**	Con actividades en 27 áreas. Ver más información en anexo sobre Actuaciones de Protección de la Biodiversidad // With activities in 28 areas. See more information in appendix on Biodiversity Protection Measures.	Con actividades en 1 área. Ver más información en anexo sobre Actuaciones de Protección de la Biodiversidad // With activities in 1 area. See more information in appendix on Biodiversity Protection Measures	Con actividades en 2 áreas. Ver más información en anexo sobre Actuaciones de Protección de la Biodiversidad // With activities in 1 area. See more information in appendix on Biodiversity Protection Measures	Con actividades en 0 áreas. Ver más información en anexo sobre Actuaciones de Protección de la Biodiversidad // With activities in 0 areas. See more information in appendix on Biodiversity Protection Measures	Sin actividades en áreas protegidas y áreas no protegidas de gran valor para la biodiversidad // No activities in protected and non-protected areas of high biodiversity value	Ver detalle para cada una de las divisiones // See details for each of the divisions
304-2	**Descripción de los impactos más significativos en la biodiversidad de áreas protegidas o áreas de alto valor en términos de biodiversidad no protegidas, derivados de las actividades, productos y servicios // Description of significant impacts of activities, products, and services on biodiversity in protected areas and areas of high biodiversity value outside protected areas**	Con caracter general, la actividad de OHL puede producir algunos impactos sobre las aguas, la atmósfera, el litoral costero, la flora y la fauna. Estos impactos son controlados mediante planes de seguimiento específicos y aplicando las correspondientes medidas preventivas, correctivas y compensatorias incluidas en cada Evaluación de Impacto Ambiental. Ver más información en anexo sobre Actuaciones de Protección de la Biodiversidad // On a general basis, OHL's business activity can bring about some impacts on the water, the air, coastal areas, plant and animal life. These impacts are controlled through specific monitoring plans and by applying appropriate preventive, corrective and compensatory measures included in each Environmental Impact Assessment. More information is available in the appendix on Biodiversity Protection Measures.					
304-3	**Hábitats protegidos o restaurados // Habitats protected or restored**						

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFORMANCE INDICATORS	CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) // TOTAL (without Concessions)
AREAS PROTEGIDAS DURANTE LAS OPERACIONES // PROTECTED AREAS DURING OPERATIONS (Ha)	192	0	9		0	201
AREAS RESTAURADAS // RESTORED AREAS (Ha)	51	6	9		0	66
Ubicación, verificación externa y estado al final del periodo de reporte // Location, external verification and status at the end of the reporting period	Ver más información en documento sobre Actuaciones de Protección de la Biodiversidad // See more information in appendix on Biodiversity Protection Measures					
VERIFICACIÓN EXTERNA Y ESTADO AL FINAL DEL PERIODO DE REPORTE // EXTERNAL VERIFICATION AND STATUS AT THE END OF THE REPORTING PERIOD	La verificación o control de habitats se realiza por organismos gubernamentales o por verificadores externos independientes. En el caso particular de OHL Desarrollos se dispone de verificación externa por parte de la autoridad ambiental PROFEPA y otros certificados ambientales voluntarios Rain Forest Alliance y Ecocheck de Cnstal. El estado de las áreas protegidas y restauradas al final del periodo de reporte se mantiene conforme con lo planificado // The verification or monitoring of habitats is carried out by government bodies or by external independent verifiers. In the particular case of OHL Desarrollos there is external verification by the environmental authority, PROFEPA, and through other voluntary environmental certificates, such as the Rain Forest Alliance and the Cnstal Ecocheck. The status of the protected and restored areas at the end of the reporting period is in consonance with the status planned					
304-4 **Número de especies, desglosadas en función de su peligro de extinción, incluidas en la Lista Roja de la IUCN y en listados nacionales y cuyos hábitats se encuentren en áreas afectadas por las operaciones según el grado de amenaza de la especie // Total number of IUCN Red List species and national conservation list species with habitats in areas affected by operations, by level of extinction risk**						
ESPECIES EN PELIGRO CRÍTICO // CRITICALLY ENDANGERED SPECIES (Nº)	0	2	0	0	0	2
ESPECIES EN PELIGRO // ENDANGERED SPECIES (Nº)	4	0	0	0	0	4
ESPECIES VULNERABLES // VULNERABLE SPECIES (Nº)	6	0	2	0	0	8
ESPECIES CASI AMENAZADAS // NEAR-THREATENED SPECIES (Nº)	5	0	1	0	0	6
ESPECIES DE PREOCUPACIÓN MENOR // LEAST CONCERN SPECIES (Nº)	61	0	20	0	0	81
OTRAS ESPECIES CON DATOS INSUFICIENTES // OTHER DATA DEFICIENT SPECIES (Nº)	55	0	2	0	0	57
OTRAS ESPECIES SIN GRADO DE VULNERABILIDAD DEFINIDO // OTHER SPECIES WITHOUT A DEFINED DEGREE OF VULNERABILITY (Nº)	3	0	0	0	0	3

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFOMANCE INDICATORS		CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) // TOTAL (without Concessions)
305-1	**Emisiones directas de gases de efecto invernadero (Alcance 1) // Direct greenhouse gas emissions (Scope 1)**	Ver Informe de Emisiones de GEI del Grupo OHL // See the GHG Emissions Report of the OHL Group					
	EMISIONES DIRECTAS DE ALCANCE 1 // DIRECT SCOPE 1 EMISSIONS (t CO_2 eq)	100,357.68	7,365.77	2,505.37	304.04	80.63	110,613.50
	OTRAS EMISIONES DIRECTAS BIOGÉNICAS - FUERA DE ALCANCE // OTHER DIRECT BIOGENIC EMISSIONS - OUTSIDE OF SCOPES (t CO_2 eq)						
305-2	**Emisiones indirectas de gases de efecto invernadero (Alcance 2) // Indirect greenhouse gas emissions (Scope 2)**	Ver Informe de Emisiones de GEI del Grupo OHL // See the GHG Emissions Report of the OHL Group					
	EMISIONES INDIRECTAS DE ALCANCE 2 // INDIRECT SCOPE 2 EMISSIONS (t CO_2 eq)	18,726.49	5,402.79	83.84	254.41	79.75	24,547.29
305-3	**Otras emisiones indirectas de gases de efecto invernadero (Alcance 3) // Other indirect greenhouse gas emissions (Scope 3)**	Ver Informe de Emisiones de GEI del Grupo OHL // See the GHG Emissions Report of the OHL Group					
	EMISIONES INDIRECTAS DE ALCANCE 3 // INDIRECT SCOPE 3 EMISSIONS (t CO_2 eq)	1,633,277.99	37,485.20	1,798.84	614.87	1,592.44	1,674,769.35
	OTRAS EMISIONES INDIRECTAS BIOGÉNICAS - FUERA DE ALCANCE // OTHER INDIRECT BIOGENIC EMISSIONS - OUTSIDE OF SCOPES (t CO_2 eq)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
305-4	**Intensidad de las emisiones de gases de efecto invernadero: Alcance 1 + 2 / Ventas (tCO2e / Millones de euros) // Greenhouse gas (GHG) emissions intensity: Scope 1 + 2 / Sales (t CO2 e / Millions of euros)**	77.69	47.33	10.89	11.59	N.A.	64.72
305-5	**Reducción de las emisiones de gases de efecto invernadero // Reduction of the greenhouse gas emissions**	Ver Informe de Emisiones de GEI del Grupo OHL // See the GHG Emissions Report of the OHL Group					
305-6	**Emisiones de sustancias que agotan el ozono (toneladas CFC-11 equivalente) // Emissions of ozone-depleting substances (ODS) (tons of CFC-11 equivalents)**	0.00	0.00	0.00	0.00	0.00	0.00

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFORMANCE INDICATORS	CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
SUSTANCIAS INCLUIDAS EN EL CÁLCULO // SUBSTANCES INCLUDED IN THE CALCULATION	La actividad del Grupo OHL no realiza emisiones significativas de sustancias destructoras de la capa de ozono // The business activity of the OHL Group does not produce significant emissions of substances that deplete the ozone layer					
305-7 **NOx, SOx y otras emisiones atmosféricas significativas por tipo y peso // NOX, SOX, and other significant air emissions**						
EMISIONES DE NOx // NOx EMISSIONS (t)	132.26	9.91	2.44	0.39	0.11	145.12
EMISIONES DE SOx // SOx EMISSIONS (t)	181.24	13.77	3.42	0.41	0.15	199.00
EMISIONES DE COV // COV EMISSIONS (t)	13.07	0.99	0.24	0.03	0.01	14.34
EMISIONES DE PARTÍCULAS PM // PM PARTICLES EMISSIONS (t)	27.83	2.11	0.53	0.06	0.02	30.56
306-1 **Vertidos totales de aguas residuales, según su naturaleza y destino // Total water discharge by quality and destination**						
AL SUELO // TO THE SOIL (m^3)	432,439.00	0	0	0	0	432,439
AL ALCANTARILLADO // TO THE SEWAGE SYSTEM (m^3)	706,524	801,211	0	350,954	0	1,858,689
AL AGUA SUPERFICIAL // TO SURFACE WATER (m^3)	263,699	58,009	0	0	0	321,708
AL MAR // TO THE SEA (m^3)	2,594	0	0	0	0	2,594
AL SUBSUELO // TO THE SUBSOIL (m3)	0	0	0	0	0	0
REUTILIZADA POR TERCERO // REUSED BY A THIRD PARTY (m^3)	0	0	0	0	0	0
TRATAMIENTO // TREATMENT	Vertido al alcantarillado general y posterior tratamiento (físico-químico y biológico como mínimo) en EDAR // Discharged to the general sewage and subsequent treatment physical-chemical and biological as a minimum) at WWTP					
PARÁMETROS // PARAMETERS	Según autorización y normativa del país // According to the approval and regulations of the country					
306-2 **Peso total de residuos, según tipo y método de tratamiento // Total weight of waste by type and disposal method**						

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFOMANCE INDICATORS	CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
RESIDUOS CONSTRUCCIÓN Y DEMOLICIÓN NO PELIGROSOS (RCD) // NON-HAZARDOUS CONSTRUCTION AND DEMOLITION WASTE (t)	32,148,439	1,649,261	29	144	0	33,797,873
Reciclado // Reused (%)	16%	4%	0%	50%	-	16%
Valorizados // Recovered (%)	23%	0%	0%	0%	-	22%
Vertedero // Landfill (%)	60%	96%	100%	50%	-	62%
OTROS RESIDUOS NO PELIGROSOS // OTHER NON-HAZARDOUS WASTE (t)	104,334	285	25	406	2	105,052
Compostaje // Compost (%)	7%	1%	0%	0%	0%	7%
Reutilización // Reuse (%)	6%	4%	0%	64%	0%	7%
Reciclaje // Recycling (%)	25%	2%	10%	2%	100%	25%
Recuperación // Recovery (%)	16%	0%	0%	0%	0%	15%
Agricultura // Agriculture (%)	0%	0%	0%	0%	0%	0%
Vertido // Depósito // Landfill (%)	44%	93%	90%	35%	0%	44%
Otros destinos // Other destinations (%)	2%	0%	0%	0%	0%	2%
RESIDUOS PELIGROSOS (t) (Gestores autorizados) // HAZARDOUS WASTE (t) (Authorized waste companies)	586	0	2	0	0	588
Reutilización // Reuse (%)	0%	0%	0%	0%	0%	0%
Reciclaje // Recycling (%)	4%	100%	8%	71%	100%	4%
Recuperación // Recovery (%)	0%	0%	0%	0%	0%	0%

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFORMANCE INDICATORS		CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
Agricultura // Agriculture (%)		0%	0%	0%	0%	0%	0%
Vertidos o relleno // Landfill (%)		88%	0%	92%	29%	0%	88%
Otros destinos // Other destinations (%)		9%	0%	0%	0%	0%	9%
306-3	**Número total y volumen de los derrames accidentales más significativos // Total number and volume of significant spills**	No se han producido derrames significativos de sustancias peligrosas (volumen inferior a 1500 litros distribuidos en 16 localizaciones) // No significant spills of hazardous substances have occurred (volume less than 1500 liters distributed in 16 locations)					
306-4	**Peso de los residuos transportados, importados, exportados o tratados que se consideran peligrosos según la clasificación del Convenio de Basilea, anexos I, II, III y VIII y porcentaje de residuos transportados internacionalmente // Weight of transported, imported, exported, or treated waste deemed hazardous under the terms of the Basel Convention2 Annex I, II, III, and VIII, and percentage of transported waste shipped internationally**	El Grupo OHL no realiza transporte de residuos fuera del ámbito interno de sus actividades // The OHL Group does not transport waste outside of the internal environment of its operations					
306-5	**Identificación, tamaño, estado de protección y valor de biodiversidad de las masas de agua y hábitats relacionados, afectados significativamente por vertidos de agua y aguas de escorrentía de la organización informante // Identity, size, protected status, and biodiversity value of water bodies and related habitats significantly affected by the organization's discharges of water and runoff**	El Grupo OHL no realiza vertidos de agua y aguas de escorrentía que afecten significativamente a la biodiversidad y hábitats de los recursos hídricos afectados // The OHL Group does not discharge water and runoff that would significantly affect the biodiversity and habitats of the water resources affected					
307-1	**Valor monetario de las multas significativas y número de sanciones no monetarias por incumplimiento de la normativa ambiental // Monetary value of significant fines and total number of non-monetary sanctions for non-compliance with environmental laws and regulations**						

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFORMANCE INDICATORS		CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
MULTAS SIGNIFICATIVAS // SIGNIFICANT FINES (Euros)		22,901 00	0,00	0,00	0,00	0,00	22,901.00
SANCIONES SIGNIFICATIVAS NO MONETARIAS // SIGNIFICANT NON-MONETARY PENALTIES (nº)		0	0	0	0	0	Ninguna // Zero
CASOS RESUELTOS POR OTROS MECANISMOS (Procedimientos planteados ante instituciones de arbitraje) // CASES BROUGHT THROUGH DISPUTE RESOLUTION MECHANISMS (Procedures brought before arbitration institutions)		0	0	0	0	0	Ninguna // Zero
308-1	**Porcentaje de nuevos proveedores que se examinaron en función de criterios ambientales // Percentage of new suppliers that were examined on the basis of environmental criteria**	A todos los proveedores en el proceso de homologación se les solicita información de gestión medioambiental // Environmental management information is requested from all suppliers in the approval process					
308-2	**Impactos ambientales negativos significativos, reales y potenciales, en la cadena de suministro y medidas al respecto // Significant actual and potential negative environmental impacts in the supply chain and actions taken**	**Impactos ambientales negativos significativos en la cadena de suministro:** Emisiones de gases de efecto invernadero, consumos-vertidos de agua y residuos **Proveedores cuyo impacto ambiental se ha evaluado:** OHL ha evaluado la materialidad de las emisiones GEI procedentes de los proveedores de su cadena de suministro a partir de un modelo de estimación indirecta basado en tablas "multi-regional input-output (MRIO)" elaboradas según datos del "Global Trade Analysis Project (GTAP)". **Proveedores que tienen impactos reales:** El modelo ha estimado que un 70% de las emisiones de GEI se producen a causa del 2,62% de la cadena de suministro. **Proveedores con los que se han acordado mejoras o se ha puesto fin a la relación como resultado de la evaluación:** 0%. Actualmente se están estableciendo las bases para una participación directa con los proveedores de la cadena de suministro // **Significant adverse environmental impacts in the supply chain:** Greenhouse gas emissions, consumption-discharge of water and waste **Suppliers whose environmental impact has been assessed:** OHL has assessed the materiality of the GHG emissions produced by the suppliers in its supply chain by using an indirect estimate model based on "multi-regional inputoutput (MRIO)" tables prepared according to data from the "Global Trade Analysis Project (GTAP)". **Suppliers who have real impacts:** The model has estimated that 70% of the GHG emissions are produced on account of 2.62% of the supply chain **Suppliers with which improvements have been agreed or with which the business relationship has been terminated as a result of the assessment:** 0%. At the present time the terms for establishing direct participation with the suppliers in the supply chain are being addressed					

INDICADORES DEL DESEMPEÑO AMBIENTAL // ENVIRONMENTAL PERFOMANCE INDICATORS		CONSTRUCCION // CONSTRUCTION	INDUSTRIAL // INDUSTRIAL	SERVICIOS // SERVICES	DESARROLLOS // DEVELOPMENTS	CORPORATIVO // CORPORATE	TOTAL (sin Concesiones) TOTAL (without Concessions)
103-2	**Número de reclamaciones ambientales que se han presentado, abordado y resuelto mediante mecanismos formales de reclamación // Number of grievances about environmental impacts filed, addressed, and resolved through formal grievance mechanisms**	El Grupo OHL no ha presentado ni abordado reclamaciones ambientales a través de mecanismos formales en el año de reporte ni en años previos // The OHL Group has not lodged or addressed environmental claims either through formal mechanisms, in the reporting year or in previous years					

GRI Tables

General GRI indicators

GENERAL CONTENTS	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
GRI 101 Foundation 2017					
101 Principles			-About this report (pages 79-82) -Generating value - e) Social and relationship value - V.- Relations with stakeholders and partnerships (page 68)	✓	
GRI 102 General disclosures 2017 - Organizational profile					
102-1 Name of the organization			- About this report - d) Contact data (page 82)	✓	
102-2 Activities, brands, products, and services		 	- Strategy - a) Business model - I.- Strategic Plan (pages 14 - 16)	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
102-3 Location of headquarters			- About this report - d) Contact data (page 82)	✓	
102-4 Location of operations			- OHL in a click - a) Group Profile - II.- Worldwide Presence (page 2) - About this report - a) Scope (page 79)	✓	
102-5 Ownership and legal form			- Good Governance - a) Good Governance - I.- Ownership structure (page 69)	✓	
102-6 Markets served			- OHL in a click - a) Group Profile - II.- Worldwide Presence (page 2) - Strategy - a) Business model - I.- Strategic Plan (pages 14 - 16)	✓	
102-7 Scale of the organization			- OHL in a click - a) Group Profile - II.- Worldwide Presence (page 2) OHL in a click - c) 2017 in figures - I.- Main aggregates (page 6) - Strategy - a) Business model - I.- Strategic Plan (pages 14 - 16)	✓	
102-8 Information on employees and other workers			- OHL in a click - a) Group Profile - II.- Worldwide Presence (page 2) - Generating value - d) The value of people (pages 49 - 50)	✓	(1) (2)
102-9 Supply chain			- Generating Value - b) Value for the Customer - IV.- Supply Chain (pages 47- 48)	✓	(1)
102-10 Significant changes to the organization and its supply chain			- OHL in a click - c) 2017 in figures (page 6) - About this report - a) Scope (page 79)	✓	
102-11 Precautionary Principle or approach			- Generating value - d) The value of people - I - Environmental risk management (page 58) - Good Governance - c) Effective risk management (pages 75-77)	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
102-12 External initiatives			- Generating Value - b) Value for the Customer - II.- Innovative culture and R&D+i (pages 45 - 46) - Generating value - d) The value of people - VII - Human rights (pages 56 & 57)	✓	
102-13 Membership of associations			- Generating Value - b) Value for the Customer - II - Innovative culture and R&D+i (pages 45 - 46) - Generating value - d) The value of people - VII.- Human rights (pages 56 - 57)	✓	
Strategy					
102-14 Statement from senior decision-maker			- Strategy - a) Business model - II.- Strategic Plan (pages 16 - 19)	✓	
102-15 Key impacts, risks, and opportunities			- Strategy - a) Business model - II.- CSR Management (pages 16 - 19) - Generating Value - d) Environmental Value - I.- Environmental risk management (page 58) - About this report - c) Materiality (pages 80-82)	✓	
Ethics and integrity					
102-16 Values, principles, standards, and norms of behavior			- Good Governance - b) Ethics and compliance (pages 73-75)	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
102-17 Mechanisms for advice and concerns about ethics		 	- Good Governance - b) Ethics and compliance - II - Ethical communications channel (pages 74-75)	✓	
Governance					
102-18 Governance structure		 	- Good Governance - a) Good Governance - II - Governance Bodies (pages 69-73)	✓	
102-19 Delegating authority		 	- Strategy - a) Business model - II - CSR Management (page 18) - Regulations of the Board of Directors - Mission of the Board	✓	
102-20 Executive-level responsibility for economic, environmental, and social topics		 	- Strategy - a) Business model - II - CSR Management (pages 18)	✓	
102-21 Consulting stakeholders on economic, environmental, and social topics		 	-Generating value - e) Social and relationship value - V - Relations with stakeholders and partnerships (page 68) - About this report - c) Materiality (pages 80-82)	✓	
102-22 Composition of the highest governance body and its committees		 	- Good Governance - a) Good Governance - II - Governance Bodies (pages 69-73)	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
102-23 Chair of the highest governance body			- Good Governance - a) Good Governance - II - Governance Bodies (page 69)	✓	
102-24 Nominating and selecting the highest governance body			- Annual Corporate Governance Report C.1.19	✓	
102-25 Conflicts of interest			- Good Governance - a) Good Governance - II - Governance Bodies (page 70) - Annual Corporate Governance Report D.6	✓	
102-26 Role of highest governance body in setting purpose, values, and strategy			- Good Governance - a) Ethics and Compliance- I.- Code of Ethics and Anti-Corruption Policy (pages 73 -74) - Regulations of the Board of Directors - Mission of the Board	✓	
102-27 Collective knowledge of highest governance body			- Regulations of the Board of Directors - Mission of the Board. - Annual Corporate Governance Report C.1.3	✓	
102-28 Evaluating the highest governance body's performance			Annual Corporate Governance Report C.1.19 and C.1.20	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
102-29 Identifying and managing economic, environmental, and social impacts		 	- Strategy - a) Business model - II.- CSR Management (pages 16 - 19) - Generating Value - d) Environmental Value - I.- Environmental risk management (page 58) - About this report - c) Materiality (pages 80-82)	✓	
102-30 Effectiveness of risk management processes			- Good Governance - c) Effective Risk Management (pages 75-77) - Generating Value - d) Environmental Value - I.- Environmental risk management (page 58) - Annual Corporate Governance Report E.5 and E.6	✓	
102-31 Review of economic, environmental, and social topics		 	- Good Governance - a) Good Governance - II.- Governance Bodies (pages 69-73)	✓	
102-32 Highest governance body's role in sustainability reporting		 	- Strategy - a) Business model - II.- CSR Management (page 18)	✓	
102-33 Communicating critical concerns		 	- Generating value - e) Social and relationship value - V.- Relations with stakeholders and partnerships (page 68)	✓	
102-34 Nature and total number of critical concerns		 	- Annual Corporate Governance Report E.3	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
102-35 Remuneration policies			- Directors Remuneration Report. - Financial Statements: 4.7 - Remuneration of directors and senior executives and conflicts of interest	✓	
102-36 Process for determining remuneration			- Directors Remuneration Report. - Financial Statements: 4.7 - Remuneration of directors and senior executives and conflicts of interest - Regulations of the Board of Directors of Obrascón Huarte Lain, S.A. Chapter VIII. Remuneration of the CEO.	✓	
102-37 Stakeholders' involvement in remuneration			- Directors Remuneration Report. - Financial Statements: 4.7 - Remuneration of directors and senior executives and conflicts of interest - Regulations of the Board of Directors of Obrascon Huarte Lain, S.A. Chapter VIII. Remuneration of the CEO.	✓	
102-38 Annual total compensation ratio			Confidential Information	x	(N.V.)
102-39 Percentage increase in annual total compensation ratio			Confidential Information	x	(N.V.)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
Stakeholder engagement					
102-40 List of stakeholder groups			- About this report - d) Materiality (pages 80-82)	✓	
102-41 Collective bargaining agreements	 		**70%** of the Group's workforce is covered by Collective Agreements. - Appendix III - Information on collective bargaining.	✓	(1)
102-42 Identifying and selecting stakeholders			- About this report - d) Materiality (pages 80-82)	✓	
102-43 Approach to stakeholder engagement			- Strategy - a) Business model - II.- CSR Management (pages 16 - 19) - Generating Value - e) Social and relationship value - V.- Relations with stakeholders (page 69) - About this report - c) Materiality (pages 81 - 83)	✓	
102-44 Key topics and concerns raised			- About this report - d) Materiality (pages 81-82)	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
Reporting practice					
102-45 Entities included in the consolidated financial statements			- About this report - a) Scope (page 79) - Financial Statements. Appendix I and Appendix II.	✓	
102-46 Defining report content and topic Boundaries			- About this report - a) Scope (page 79 - 82)	✓	
102-47 List of material topics			- About this report - d) Materiality (pages 81-82)	✓	
102.-48 Restatements of information			- OHL in a click - b) Group performance and main milestones in 2017 (pages 2 - 5)	✓	
102-49 Changes in reporting			- Strategy - a) Business model - II - Director's Report by division (page 19) - About this report - a) Scope (page 79)	✓	
102-50 Reporting period			2017.	✓	
102-51 Date of most recent report			2016.	✓	
102-52 Reporting cycle			Annual.	✓	
102-53 Contact point for questions regarding the report			- About this report - d) Contact data (page 82)	✓	
102-54 Claims of reporting in accordance with the GRI Standards			- About this report - d) Preparation methodology (pages 79-80)	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
102-55 GRI content index			- About this report - d) Preparation methodology (pages 79-80)	✓	
102-56 External verification			- About this report - d) Preparation methodology (pages 79-80) - Appendix of GRI Tables	✓	

Economic GRI indicators

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
GRI 103 Management approach 2017: Economic Performance (201), Market Presence (202), Indirect Economic Impacts (203), Procurement Practices (204), Anti-corruption (205) and Anti-competitive Behavior (206)					
103-1 Explanation of the material topic and its Boundary			- About this report - d) Materiality (pages 80 - 82)	✓	
103-2 The management approach and its components			- Strategy - a) Business model - II - Strategic Plan - II - CSR Management (pages 16 - 19)	✓	
103-3 Evaluation of the management approach			- Strategy - a) Business model - II - Strategic Plan - II - CSR Management (pages 16 - 19)	✓	
GRI 201 Economic Performance 2017					
201-1 Direct economic value generated and distributed			- Generating value - e) Social and relationship value - V - Distribution of generated and distributed value (page 63)	✓	
201-2 Financial implications and other risks and opportunities due to climate change			- Generating Value - d) Environmental Value - II.- Climate Change and energy (pages 60-61) - CDP Climate Change Disclosure Project of the OHL Group - CC2.1 and CC2.2.	✓	(3)
201-3 Defined benefit plan obligations and other retirement plans			The Group does not have any post-employment benefit obligations in the form of pension plans or other benefits.	✓	
201-4 Financial assistance received from government			- Consolidated financial statements - Note 3.21	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
GRI 202 Market Presence 2017					
202-1 Ratios of standard entry level wage by gender compared to local minimum wage	Principle 6		The Group offers its employees an initial compensation package equal to or higher than the legal minimum established in each country.	✓	(4)
202-2 Proportion of senior management hired from the local community	Principle 6		**85.1%** of the Group's executives abroad are nationals of the same country	✓	(5)
GRI 203 Indirect Economic Impacts 2017					
203-1 Infrastructure investments and services supported			- Generating Value - e) Social and relationship value - III.- Social investment (pages 65-67)	✓	
203-2 Significant indirect economic impacts			- Generating Value - f) Social and relationship value. (Pages 62-69)	✓	
GRI 204 Procurement Practices 2017					
204-1 Proportion of spending on local suppliers			- Generating Value - b) Value for the Customer - IV.- Supply Chain (pages 47- 48)	✓	(1)
GRI 205 Anti-corruption 2017					
205-1 Operations assessed for risks related to corruption			- Good Governance - b) Ethics and Compliance - I - Code of Ethics and Anti-Corruption Policy (pages 73-74) - Good Governance - c) Effective risk management (pages 75-77) - Good Governance - d) Internal Audit (pages 77-79)	✓	(3)

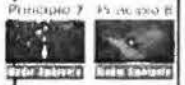
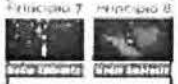
	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
205-2 Communication and training about anti-corruption policies and procedures			- Good Governance - b) Ethics and compliance - I.- Code of Ethics and Anti-Corruption Policy (pages 73-74) - Annual Corporate Governance Report F.1.2.	✓	
205-3 Confirmed incidents of corruption and actions taken			- Good Governance - b) Ethics and compliance - I - Code of Ethics and Anti-Corruption Policy (pages 73-74) - Annual Corporate Governance Report F.1.2.	✓	(6)
GRI 206 Anti-competitive Behavior 2017					
206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices			In 2017 no significant legal actions were initiated against OHL for monopolistic or anti-trust practices.	✓	

Environmental GRI indicators

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
GRI 103 Management approach 2017: Linked to: Materials (301), Energy (302), Water (303), Biodiversity (304), Emissions (305), Effluents and Waste (306), Environmental Compliance (307), Supplier Environmental Assessment (308)					
103-1 Explanation of the material topic and its Boundary			- About this report - d) Materiality (pages 80-82)	✓	
103-2 The management approach and its components			- Generating Value - d) Environmental Value (pages 57-62)	✓	
103-3 Evaluation of the management approach			- Generating Value - d) Environmental Value (pages 57-62)	✓	
GRI 301 Materials 2017					
301-1 Materials used by weight or volume			- Generating Value - d) Environmental Value - III.- Circular economy and water management (pages 61-62) - GRI Table - Environmental performance indicators.	✓	(7) (8)
301-2 Recycled input materials used			- Generating Value - d) Environmental Value - III.- Circular economy and water management. (pages 61-62) - Table of GRI Environmental performance indicators.	✓	(7) (8)
301-3 Reclaimed products and their packaging materials			The activity of the OHL Group does not produce goods with packaging intended for sale or capable of being reused	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
GRI 302 Energy 2017					
302-1 Energy consumption within the organization			- Table of GRI Environmental performance indicators.	✓	(7) (8)
302-2 Energy consumption outside of the organization			The most significant external energy consumption relates to infrastructure users, suppliers and subcontractors. This information is not currently available.	-	Not verified (N.V.)
302-3 Energy intensity			- Table of GRI Environmental performance indicators.	✓	(7) (8)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
302-4 Reduction of energy consumption	Principio 7 Principio 8 Principio 9		- Generating Value - d) Environmental Value - II.- Climate Change and energy. (Pages 60-61)	✓	(3)
302-5 Reductions in energy requirements of products and services	Principio 7 Principio 8 Principio 9		- Generating Value - d) Environmental Value - II.- Climate Change and energy. (pages 60- 61)	✓	(3)
GRI 303 Water 2017					
303-1 Water withdrawal by source	Principio 7		- Table of GRI Environmental performance indicators.	✓	(7) (8)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
303-2 Water sources significantly affected by withdrawal of water			- Table of GRI Environmental performance indicators.	✓	(3) (7)
303-3 Water recycled and reused			- Table of GRI Environmental performance indicators	✓	(7) (8)
GRI 304 Biodiversity 2017					
304-1 Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas			- Table of GRI Environmental performance indicators.	✓	(3) (7)
304-2 Significant impacts of activities, products, and services on biodiversity			- Table of GRI Environmental performance indicators.	✓	(3) (7)
304-3 Habitats protected or restored			- Table of GRI Environmental performance indicators.	✓	(3) (9)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
304-4 IUCN Red List species and national conservation list species with habitats in areas affected by operations			- Table of GRI Environmental performance indicators.	✓	(3) (9)
GRI 305 Emissions 2017					
305-1 Direct (Scope 1) GHG emissions			- Table of GRI Environmental performance indicators.	✓	(7) (8) (10)
305-2 Energy indirect (Scope 2) GHG emissions			- Table of GRI Environmental performance indicators.	✓	(7) (8) (10)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
305-3 Other indirect (Scope 3) GHG emissions			- Table of GRI Environmental performance indicators.	✓	(7) (8) (10) (11)
305-4 GHG emissions intensity			- Table of GRI Environmental performance indicators	✓	(7) (8)
305-5 Reduction of GHG emissions			- Table of GRI Environmental performance indicators.	✓	(3) (7)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
305-6 Emissions of ozone-depleting substances (ODS)			No significant emissions of this type were identified	✓	
305-7 Nitrogen oxides (NO_X), sulfur oxides (SO_X), and other significant air emissions			- Table of GRI Environmental performance indicators.	✓	(7) (8)
GRI 306 Effluents and Waste 2017					
306-1 Water discharge by quality and destination			- Table of GRI Environmental performance indicators.	✓	(7) (8)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
306-2 Waste by type and disposal method			- Table of GRI Environmental performance indicators.	✓	(7) (8)
306-3 Significant spills			There were no significant spills of hazardous substances (volume under 1,500 litres distributed in 16 locations)	✓	(7) (8)
306-4 Transport of hazardous waste			Not material. The OHL Group has not transported any significant hazardous wastes.	-	
306-5 Water bodies affected by water discharges and/or runoff			Not material. The OHL Group has not made any water discharges or runoffs to water bodies that significantly affect the biodiversity and habitats of the water resources in question.	-	
GRI 307 Environmental Compliance 2017					

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
307-1 Non-compliance with environmental laws and regulations			- Table of GRI Environmental performance indicators.	✓	
GRI 308 Supplier Environmental Assessment 2017					
308-1 New suppliers that were screened using environmental criteria			All suppliers in the accreditation process are asked for environmental management information.	✓	
308-2 Negative environmental impacts in the supply chain and actions taken			- Table of GRI Environmental performance indicators.	✓	(3)

Social GRI indicators

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
GRI 103 Management approach 2017: Linked to: Employment (401), Labour/Management Relations (402), Occupational Health and Safety (403), Training and Education (404), Diversity and Equal Opportunity (405), Non-discrimination (406), Freedom of Association and Collective Bargaining (407), Forced or Compulsory Labor (409), Security Practices (410), Human Rights Assessment (412), Local Communities (413), Supplier Social Assessment(414), Public Policy (415), Customer Health and Safety (416), Marketing and Labeling (417), Customer Privacy (418), Socioeconomic Compliance (419)					
103-1 Explanation of the material topic and its Boundary			- About this report - d) Materiality (pages 80-82)	✓	
103-2 The management approach and its components			- Generating Value - b) Value for the Customer (pages 44-48) - Generating value - d) The value of people (pages 49-57) - Generating Value - e) Social and relationship value (pages 62-69) - Good Governance - b) Ethics and Compliance (pages 73-75)	✓	
103-3 Evaluation of the management approach			- Generating Value - b) Value for the Customer (pages 44-48) - Generating value - d) The value of people (pages 49-57) - Generating Value - e) Social and relationship value (pages 62-69) - Good Governance - b) Ethics and Compliance (pages 73-75)	✓	
GRI 401 Employment 2017					
401-1 New employee hires and employee turnover	Principio 6		Average turnover rate **5.26 %**	✓	(1) (12)
401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	Principio 1 Principio 6		- Appendices: OHL Group employee benefits.	✓	(1)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
401-3 Parental leave			The OHL Group does not currently have sufficient information to provide a representative rate for this indicator	-	
GRI 402 Labor/Management Relations 2017					
402-1 Minimum notice periods regarding operational changes			There are no minimum notice periods at OHL Group level. In any case, these are given pursuant to the legislation in each country	✓	(3)
GRI 403 Occupational Health and Safety 2017					
403-1 Workers representation in formal joint management–worker health and safety committees			The Group's Human Rights Policy expressly demonstrates its commitment to respecting and protecting the human rights of the people at the Company, those in its supply chain and those in the communities affected by the activity of OHL. Furthermore, in Spain, in the search for active management of respect for human rights, this aspect has been taken into account in the selection criteria for security service providers and their adherence to the Global Compact	✓	
403-2 Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities			- Generating Value - c) The value of people - VI. Health and safety (Pages 54-56)	✓	(13)
403-3 Workers with high incidence or high risk of diseases related to their occupation			The OHL Group states that there is no proof of the existence of workers whose profession has a high incidence or risk of disease.	✓	

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
403-4 Health and safety topics covered in formal agreements with trade unions			The formal health and safety obligations of employees are covered by the various collective labour agreements entered into by the Group. In 2017 the OHL Group did not enter into new formal agreements covering matters relating to employee health and safety.	✓	
GRI 404 Training and Education 2017					
404-1 Average hours of training per year per employee			- Generating Value - c) The value of people - IV - Training and development (pages 51 - 54) - Generating value - c) The value of people - VII - Health and Safety (pages 54 - -56)	✓	(14)
404-2 Programs for upgrading employee skills and transition assistance programs			- Generating Value - c) The value of people - IV - Training and development (pages 53 - 54)	✓	
404-3 Percentage of employees receiving regular performance and career development reviews			- Generating Value - c) The value of people - IV - Training and development (pages 53 - 54)	✓	(3) (14)
GRI 405 Diversity and Equal Opportunity 2017					
405-1 Diversity of governance bodies and employees			- Good Governance - a) Good Governance - II - Governance Bodies (page 69) - Annual Corporate Governance Report C.1.2 At 31 December 2017, **7.23%** of the employees of the OHL Group belonged to an ethnic minority. At 31 December 2017, **2.50%** of the employees were disabled.	✓	(1)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
405-2 Ratio of basic salary and remuneration of women to men			Base salaries are linked to professional categories and are the same for all persons, irrespective of sex, nationality or any other personal charactenstic.	✓	(3)
GRI 406 Non-discrimination 2017					
406-1 Incidents of discrimination and corrective actions taken			OHL states its absolute rejection and zero tolerance of any behaviour or action that constitutes any form of sexual, moral or gender-based harassment and undertakes to cooperate actively, effectively and firmly in order to prevent, detect, correct and punish any such conduct. The Group has a Protocol for Prevention and Action in cases of Harassment, which is governed by the principles of speed, confidentiality, transparency, objectivity, impartiality and respect for the privacy and dignity of employees. - Good Governance - b) Ethics and Compliance - II.- Ethical Communications Channel (page 75)	✓	(6)
GRI 407 Freedom of Association and Collective Bargaining 2017					
407-1 Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk			- Generating Value - b) Value for the Customer - IV - Supply Chain (pages 47-48)	✓	(3)
GRI 408 Child Labor 2017					
408-1 Operations and suppliers at significant risk for incidents of child labor			- Generating Value - b) Value for the Customer - IV - Supply Chain (pages 47-48)	✓	(3)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
GRI 409 Forced or Compulsory Labor 2017					
409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor			- Generating Value - b) Value for the Customer - IV.- Supply Chain (pages 47-48)	✓	(3)
GRI 410 Security Practices 2017					
410-1 Security personnel trained in human rights policies or procedures			The Group's Human Rights Policy expressly demonstrates its commitment to respecting and protecting the human rights of the people at the Company, those in its supply chain and those in the communities affected by the activity of OHL Furthermore, in Spain, in the search for active management of respect for human rights, this aspect has been taken into account in the selection criteria for security service providers and their adherence to the Global Compact	✓	(3)
GRI 411 Rights of Indigenous Peoples 2017					
411-1 Incidents of violations involving rights of indigenous peoples			The OHL Group did not identify any violations of the rights of indigenous peoples in 2017.	✓	
GRI 412 Human Rights Assessment 2017					

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
412-1 Operations that have been subject to human rights reviews or impact assessments			- Generating Value - c) The value of people - IV - Human rights (page 57)	✓	(3)
412-2 Employee training on human rights policies or procedures			In 2017 no human rights training was given due to the need to adapt and update the contents of the corporate human rights course Since its launch in 2013, up to 2016 a total of 5,037 participants had attended formal human rights training sessions	✓	
412-3 Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening			- Generating Value - b) Value for the Customer - IV.- Supply Chain (pages 47-48)	✓	(3)
GRI 413 Local Communities 2017					
413-1 Operations with local community engagement, impact assessments, and development programs			- Generating Value - e) Social and relationship value - III.- Social investment (pages 65 - 67)	✓	(3)
413-2 Operations with significant actual and potential negative impacts on local communities			- Generating Value - e) Social and relationship value - III - Social investment (pages 65 - 67) - Generating value - c) The value of people - VII Human Rights (pages 56-57)	✓	(3)

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
GRI 414 Supplier Social Assessment 2017					
414-1 New suppliers that were screened using social criteria	Principio 6		- Generating Value - b) Value for the Customer - IV.- Supply Chain (pages 47-48)	✓	(3)
414-2 Negative social impacts in the supply chain and actions taken			- Generating Value - b) Value for the Customer - IV.- Supply Chain (pages 47-48)	✓	(3)
GRI 415 Public Policy 2017					
415-1 Political contributions			The Code of Ethics prohibits any gift, invitation or hospitality to authorities, public officials or individuals that exceeds the criteria set out in the Anti-Corruption Policy	✓	(15)
GRI 416 Customer Health and Safety 2017					
416-1 Assessment of the health and safety impacts of product and service categories			- Generating Value - b) Value for the Customer - III.- Quality Management (pages 46 - 47)	✓	(3)
416-2 Incidents of non-compliance concerning the health and safety impacts of products and services			No significant incidents have been identified as a result of non-compliance with regulations or voluntary codes relating to the impacts of products and services on health and safety during their lifecycle	✓	
GRI 417 Marketing and Labeling 2017					

	GLOBAL COMPACT PRINCIPLES	SDG	References	Verification	Verification notes
417-1 Requirements for product and service information and labeling			Not material due to the Group's activities.	-	(N.V.)
417-2 Incidents of non-compliance concerning product and service information and labeling			Not material due to the Group's activities.	-	(N.V.)
417-3 Incidents of non-compliance concerning marketing communications			Not material due to the Group's activities.	-	(N.V.)
GRI 418 Customer Privacy 2017					
418-1 Substantiated complaints regarding concerning breaches of customer privacy and losses of customer data			No significant complaints or economic penalties have been received in this connection.	✓	
GRI 419 Socioeconomic Compliance 2017					
419-1 Non-compliance with laws and regulations in the social and economic area			- 2017 consolidated financial statements of the OHL Group (Note 4.6.2 Contingent liabilities and guarantees	✓	

✓ Content relating to 2017 revised considering the scope of information described and the verification notes.

- Not verified (V.N.)

(1) The review of this information consisted of checking the process of compiling and consolidating the data reported by OHL Group companies and its consistency with the accounting data.

(2) The induced jobs were estimated on the basis of the information available on the number and type of subcontractors and the average number of employees of companies of that type in each geographical area, per public data available in each country. The induced employment corresponds to 100% of the estimated workforce of the subcontractors without weighting the volume of transactions with the OHL Group

(3) Indicator for which only partially or qualitatively reported.

(4) The rate is not reported

(5) Not broken down by country.

(6) Only reports received through the Ethical Communications Channel are reported, with no breakdown by type

(7) U S information for 2017 is not included and therefore the information is not comparable with the previous year.

(8) The review of this information consisted of checking the process of compiling, consolidating and translating the data reported by OHL Group companies and analysing the changes therein compared with the previous year. A review was also carried out of a sample of the evidence of the most significant company data in relation to indicators 302-1,305-1 and 305-2

(9) Species and protected areas are only reported for certain projects.

(10) The emission factors used for the calculation of CO_2eq emissions are as follows: for electricity, the factor published by IEA (International Energy Agency 2011); for fuels IPCC 2006 and DEFRA 2016 (Department for Environment, Food and Rural Affairs); for travel DEFRA 2016; for materials DEFRA 2016 and the Construction Technology Institute of Catalonia 2015

(11) Excludes issues arising from the activities of subcontractors and hauliers of the OHL Group.

(12) The rate of new hires is not reported. Average employee turnover is reported with no breakdown of age group, gender or region

(13) Excludes data on fatalities or information by region or information concerning contractors and subcontractors.

(14) The scope of the information is limited to Spain

(15) Only the approved internal policy is reported

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Translation of a report originally issued in Spanish. In the event of a discrepancy, the Spanish-language version prevails.

Independent Assurance Report on the Corporate Responsibility Information included in the 2017 Consolidated Directors´ Report of OHL Group

To the Shareholders of Obrascón Huarte Lain, S.A.,

Scope of our engagement

We have performed the review, with a scope of limited assurance, of the Corporate Responsibility Information (CRI) included in the 2017 Consolidated Directors´ Report ("CDR" or "Report") of Obrascón Huarte Lain, S.A. and subsidiaries ("OHL Group"), the scope of which is defined in the chapter "About this report". Our engagement consisted of reviewing:

- The adherence of the CRI included in the CRM to the Global Reporting Initiative Sustainability Reporting Standards ("GRI-SRSs or GRI"), including the reliability and adequacy of the contents.

Verification standards and procedures

We conducted a limited assurance engagement in accordance with the International Standard on Assurance Engagements (ISAE) 3000, Assurance Engagements Other than Audits or Reviews of Historical Financial Information issued by the International Auditing and Assurance Standards Board (IAASB) of the International Federation of Accountants (IFAC) and with Guidelines for engagements relating to the review of Corporate Responsibility Reports issued by the Spanish Institute of Certified Public Accountants for the issuance of limited assurance reports.

Our review work consisted of making inquiries to management and the various areas and business units of OHL, reviewing the processes for gathering and validating of the GRI contents presented in the CDR, and carrying out the following analytical procedures and sample-based review tests:

- Meetings with OHL Group´s personnel to ascertain the principles, systems and approaches applied in corporate social responsibility management.
- Review of the minutes of the meetings held in 2017 by the Board of Directors and its Commissions.
- Review of the steps taken in relation to the identification and consideration of stakeholders during the year and of the stakeholder participation processes, based on the analysis of the internal information and third-party reports available.
- Analysis of the coverage, materiality and completeness of the CRI on the basis OHL's understanding of the requirements of its stakeholders in relation to the material issues identified by the organization and described in the epigraph "Materiality" of the section "About this Report" of the CDR.
- Review of the information relating to the management approaches applied and verification of the existence and scope of policies, systems and procedures in corporate social responsibility areas.
- Analysis of the adherence of the CRI to the GRI standards and verification that the contents disclosed agree with those required by such standards.
- Review on a sample basis, of the quantitative and qualitative information relating to the GRI contents and the adequate compilation thereof based on the data provided by the information sources of OHL Group.

Responsibilities of the Directors of OHL Group and of Deloitte

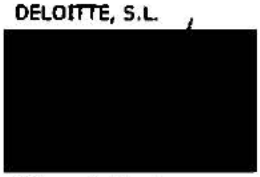
- The preparation and contents of the Consolidated Management Report are the responsibility of the administrators of OHL Group. OHL Group management is responsible for defining, adopting and maintaining the management systems and internal control from which the information is obtained.
- Our responsibility is to issue an independent limited assurance report based on the work performed.
- Since a limited assurance is substantially less in scope than a reasonable assurance engagement, we do not provide reasonable assurance on the CRI and, accordingly, this report may not be considered an auditor's report.
- This report has been prepared solely in the interest of OHL in accordance with the terms and conditions of our engagement letter.
- We conducted our work in accordance with the independence standards required by the Code of Ethics issued by the International Ethics Standards Board for Accountants (IESBA), based on the fundamental principles of integrity, objectivity, professional competence, due care, confidentiality and professional behavior.
- In accordance with International Standard on Quality Control (ISQC) 1, Deloitte has in place a global system of quality control that includes documented policies and procedures in relation to compliance with ethical requirements, professional standards and applicable legislation.
- Our team consisted of professionals with assurance on Corporate Responsibility Reports qualifications and, specifically, on economic, social and environmental performance and stakeholders' participation processes.

Conclusions

The GRI Tables in the Appendix to the 2017 CDR provides details of the content reviewed and the scope limitations of the review, and identifies any contents that does not cover all the areas required by GRI-SRSs. As a result of the procedures applied and the evidence obtained, except for the matters identified in the aforementioned GRI Table of Contents, nothing came to our attention that might lead us to believe that the CRI was not prepared, in all material respects (including the reliability and adequacy of the reviewed information), in accordance with GRI-SRSs.

In addition, we presented to the Management of the OHL Group our recommendations relating to the areas of improvement to consolidate processes, programs, and systems associate with Corporate Responsibility Management.

DELOITTE, S.L.



Helena Redondo

28th February 2018

Illinois Department of Transportation

Certificate of Eligibility

Judlau Contracting, Inc.
26-15 Ulmer Street College Point, NY 11354

Contractor No 3042
(1st Revision)

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED SUPER UNLIMITED

001	EARTHWORK	Unlimited	I
005	HMA PAVING	Unlimited	I
012	DRAINAGE	$20,450,000	I
014	ELECTRICAL	$5,125,000	I
017	CONCRETE CONSTRUCTION	Unlimited	I
031	PAVT. TEXTUR. & SURF. REM.	$1,225,000	I
034	DEMOLITION	$11,150,000	I
08A	AGGREGATE BASES & SURF. (A)	$14,250,000	I
09C	HWY., R.R. & WATERWAY STR.	Unlimited	I

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 5/9/2019 TO 4/30/2020 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION.
ISSUED AT SPRINGFIELD, ILLINOIS ON 5/9/2019.

I Applicable to Illinois work only

[redacted]
Engineer of Construction

IL 494-0645

PART III: CONTRACT REQUIREMENTS

Contract Bond Agreement

Performance Bond

Payment Bond

Insurance

AGREEMENT

CONTRACT NO: I-19-4464

THIS AGREEMENT, authorized by the Board of Directors to be entered into in duplicate this day of **5th**, **December** **2019** by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY (hereinafter referred to as the "AUTHORITY"), and **Judlau Contracting, Inc.**

* a corporation organized and existing under the laws of the State of **Illinois** and authorized to do business in Illinois. {Attach Secretary of State certification}
* a partnership consisting of
* an individual doing business as
* a joint venture consisting of no more than three (3) members.

with principal office in the City of **College Point**, in the State of **New York** (hereinafter referred to as the "CONTRACTOR").

WITNESSETH:

In consideration of the premises and of the mutual covenants herein contained, the parties hereto mutually covenant and agree as follows:

DESCRIPTION AND SCOPE OF WORK

The CONTRACTOR shall perform all of the services and furnish all of the transportation, labor, materials, equipment and any other incidentals necessary or required to construct and complete the project described in this contract, also called The Work.

CONTRACT

The following documents, taken as a whole, constitute the Contract:

1. This executed Agreement and any supplement thereto.
2. The Contract Bonds.
3. The Addenda.
4. The Special Provisions.
5. The Plans.
6. The Tollway Supplemental Specifications.
7. The IDOT Supplemental Specifications and Recurring Special Provisions.
8. The IDOT Standard Specifications for Road and Bridge Construction.
9. The Bid.
10. The Instructions and Information to Bidders.
11. The Advertisement for Sealed Bids.

The terms and provisions of each and every one of the above documents are a part of this contract. In the event that any provision in any of the foregoing documents conflicts with any provisions in any other of the contract documents, the provisions in the contract document first above enumerated shall govern over the provisions of any other contract document which follows it.

CONTRACT NO: I-19-4464

CONTRACT BOND AGREEMENT

The CONTRACTOR shall simultaneously herewith furnish and deliver to the Authority a Performance Bond, agreeing to perform the work in accordance with all of the provisions of the contract, as in said Performance Bond provided, and a Payment Bond, agreeing to pay not less than prevailing wages for the work to be performed in accordance with the contract and the laws of the State of Illinois and agreeing to pay all sums of money due for any labor, materials, apparatus, fixtures or machinery and transportation with respect thereto, as in said Payment Bond provided, each dated the same date as this Agreement, in the forms prescribed by the AUTHORITY, and each in an amount equal to the contract price with a corporate surety or sureties acceptable to the AUTHORITY authorized to do business in the State of Illinois.

The CONTRACTOR agrees that said Bonds shall be maintained in full force and effect until final acceptance of the work by the AUTHORITY and thereafter, as provided in Article 103.05 of the Tollway Supplemental Specifications. The CONTRACTOR agrees and will cause the surety to agree to be bound by each and every provision of all of the contract documents.

If any surety upon any bond furnished in connection with this contract becomes unacceptable to the AUTHORITY, or if any such surety fails to furnish reports as to its financial condition from time to time as requested by the AUTHORITY, the CONTRACTOR shall promptly furnish such additional security as may be required from time to time to protect the interests of the AUTHORITY and all persons supplying labor or materials in the prosecution of the work contemplated by this contract.

In the event the surety shall make any assignment for the benefit of creditors or commit any act of bankruptcy, or if it shall be declared bankrupt, or if it shall file a voluntary petition in bankruptcy, or shall in the opinion of the AUTHORITY be insolvent, the CONTRACTOR agrees forthwith upon request of the AUTHORITY to furnish and maintain other corporate surety with respect to said Bonds satisfactory to the AUTHORITY.

DEFINITIONS

As used in this Agreement, the terms set forth shall have the meanings attributed to them in the Tollway Supplemental Specifications for THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY issued by the AUTHORITY.

TIME OF PERFORMANCE

The duration of this contract shall commence with the Executive Director's signature and shall continue until November 24, 2021, in accordance with the contract book schedule.

CONTRACT END DATE

The contract End Date is two (2) years from the Completion Date. Based on the Completion Date stated in the contract at the time of award the End Date November 24, 2023.

This contract maybe renewed for two (2) additional one (1) year terms or one (1) additional two (2) year term, the length of any renewal is to be determined and agreed upon by the Parties.

CONTRACT NO: I-19-4464

LIABILITY OF JOINT VENTURE

In the event the successful Bidder (CONTRACTOR) of this Contract is a joint venture, then each individual, partnership, or corporation comprising such joint venture, shall be individually, personally, severally and jointly liable and responsible, financially, legally, and in all other respects, for the full and proper performance of each and every provision and requirement of this Contract, notwithstanding any arrangement, understanding or agreement to the contrary, if any, whether disclosed to the Authority or not, entered into by and between the individual, partnership, joint venture, or corporation comprising such joint venture.

PERFORMANCE OF THE WORK

The CONTRACTOR shall perform all work under the direct supervision, and to the satisfaction of the Construction Manager . The Construction Manager shall decide all questions which arise as to the quality and acceptability of work performed, manner of performance, rate of progress of the work and interpretation of the specifications, and the Construction Manager's decision shall be final.

Any dispute between the Construction Manager and the CONTRACTOR with respect to any matter shall be decided by the Chief Engineering Officer of The Authority and his decision shall be final.

In the event that the quantity of any item of work as given in the Bid shall be greater or less than estimated, payment shall be made by the AUTHORITY on the basis of the actual quantity completed at the unit price for such item named in the Bid, subject to the provisions of the Article 104.02 of the Tollway Supplemental Specifications.

Notwithstanding anything contained in this contract, all payments to be made pursuant to this contract shall be subject to approval by the Chief Engineering Officer.

CONSIDERATION

The Authority shall pay the Contractor for the performance of the work, subject to any additions or deductions therein as provided for in the Specifications, in current funds, at the prices for the respective items of work shown in the Bid. Payments are to be made to the Contractor in accordance with and subject to the provisions of the contract documents.

ASSIGNMENT

This contract may not be assigned, transferred in whole or in part by the Vendor without prior written consent of the Illinois Tollway.

CONTRACT NO: I-19-4464

COVENANT AGAINST CONTINGENT FEES

The CONTRACTOR warrants that no person or selling agency has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the CONTRACTOR for the purpose of securing business. For breach or violation of this warranty, the AUTHORITY shall have the right to annul this contract without liability or in its discretion to deduct from the contract price or consideration the full amount of such commission, percentage, brokerage or contingent fee.

TERMINATION / CANCELLATION FOR NON-APPROPRIATION OF FUNDS

This contract is subject to termination and cancellation in any year for which the General Assembly fails to make an appropriation (if such an appropriation is required) to make payments under the terms of the contract. Currently, the Authority is not required to obtain a yearly appropriation of its funds. However, the Authority cannot and does not make any representations or warranties concerning future appropriation requirements.

COMPTROLLER REQUIREMENTS FOR CONTRACTS

Contractor and any and all subcontractors under this contract agrees to maintain books and records related to the performance of the contract and necessary to support amounts charged to the State under the contract for a minimum of five (5) years from the last action on the contract. Contractor further agrees to cooperate fully with any audit and to make the books and records available to the Auditor General, Chief Procurement Officer, Internal Auditor, Inspector General, and the Purchasing Agency.

The State requires a fee of $15 to cover expenses related to the administration of the Minority Contractor Opportunity Initiative. Any Contractor awarded a contract under Section 20-10, 20-15, 20-25 or 20-30 of the Illinois Procurement Code (30 ILCS 500) of $1,000 or more is required to pay a fee of $15. The Comptroller shall deduct the fee from the first check issued to the Vendor under the contract and deposit the fee in the Comptroller's Administrative Fund.

FREEDOM OF INFORMATION ACT

This contract and all related public records maintained by, provided to or required to be provided to the State are subject to the Illinois Freedom of Information Act (FOIA) (50 ILCS 140) notwithstanding any provision to the contrary that may be found in this contract.

GOVERNING LAW; EXCLUSIVE JURISDICTION

This Agreement, and all the rights and duties of the parties arising from or relating in any way to the subject matter of this Agreement or the transaction(s) contemplated by it, shall be governed by, construed and enforced only in accordance with the laws of the United States and the State of Illinois (excluding any conflict of laws provisions that would refer to and apply the substantive laws of another jurisdiction). Any suit or proceeding relating to this Agreement, including arbitration proceedings, shall be brought only in DuPage County, Illinois. ***THE CONTRACTOR CONSENTS TO THE EXCLUSIVE JURISDICTION AND VENUE OF THE COURTS LOCATED IN DUPAGE COUNTY, STATE OF ILLINOIS.***

CONTRACT NO: I-19-4464
NOTICE

Notices or documents to be given or delivered shall be deemed given or delivered if delivered personally or by registered or certified mail to **Judlau Contracting, Inc.** at:

26-15 Ulmer Street

College Point, New York 11354

or to the AUTHORITY at 2700 Ogden Avenue, Downers Grove, Illinois, 60515. Either party may change the place to which notices hereunder may be addressed, by written notice to the other party from time to time or at any time.

Addendum, if any, referred to on Page P-1 hereof, and attached hereto, is a part of this Agreement as if fully set forth hereon.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on the day and year first above written.*

Agreed By [redacted]

Executive Vice President — January 9, 2020 (Date)

Amav Amin

Printed Name as Signed Above

ATTEST: [redacted]

Secretary — (Seal)

Cesar Pereira

Printed Name as Signed Above

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

APPROVED: [redacted]

Willard S. Evans, Jr., Chairman/CEO — January 28, 2020 (Date)

APPROVED: [redacted]

José Alvarez, Executive Director — 1/30/2020 (Date)

APPROVED: [redacted]

Michael Colsch, Chief Financial Officer — 1/28/20 (Date)

APPROVED: [redacted]

Kathleen Pasulka-Brown, General Counsel — 1/27/2020 (Date)

Approved as to Form and Constitutionality [redacted]

Attorney General, State of Illinois — 1-24-2020 (Date)

CONTRACT NO: I-19-4464
NOTICE

Notices or documents to be given or delivered shall be deemed given or delivered if delivered personally or by registered or certified mail to . at:

26-15 Ulmer Street

College Point, New York 11354

or to the AUTHORITY at 2700 Ogden Avenue, Downers Grove, Illinois, 60515. Either party may change the place to which notices hereunder may be addressed, by written notice to the other party from time to time or at any time.

Addendum, if any, referred to on Page P-1 hereof, and attached hereto, is a part of this Agreement as if fully set forth hereon.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on the day and year first above written.*

Agreed By: [redacted] 12/6/19

~~President~~ EXECUTIVE VICE PRESIDENT Date

ARNAV AMIN

Printed Name as Signed Above

ATTEST: [redacted]

(Seal)

Secretary

CESAR PEREIRA

Printed Name as Signed Above

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

APPROVED:

Willard S. Evans, Jr., Chairman/CEO Date

APPROVED:

Jose Alvarez, Executive Director Date

APPROVED:

Michael Colsch, Chief Financial Officer Date

APPROVED:

Kathleen Pasulka-Brown, General Counsel Date

Approved as to Form and Constitutionality

Attorney General, State of Illinois Date

CORPORATION SIGNATURE FORM

At a meeting on December 5, 2019 **, the Board of Directors**

of Judlau Contracting, Inc. **adopted the following Resolution:**
(Name of Corporation)

"BE IT RESOLVED that Arnav Amin
(Name of Individual)

is hereby authorized, directed and empowered, on behalf of

Judlau Contracting, Inc.
(Name of Corporation)

to execute the contract and any and all contract modifications or documentation in connection with The Illinois State Toll Highway Authority's Contract No. I-19-4464**."**

I, Cesar Pereira**, Secretary of the aforesaid corporation, do hereby certify that the foregoing is a true and correct copy of a Resolution adopted as above set forth.**

(Corporate Seal)

12.05.2019
Date

[redacted]
Secretary

Corporation Signature Form (104.2) 06-18-2014

Illinois Tollway

Illinois State Toll Highway Authority
State Exemption Number

The undersigned certifies that they are purchasing goods for use by, or to be included in projects of the Illinois State Toll Highway Authority. The Illinois State Toll Highway Authority is exempt from sales and use taxes in the state of Illinois for the following reason:

X Government Entity

The tax exemption number issued 1/1/15 by the Illinois Department of Revenue is:

Tax Exempt # [redacted]

Business Name: Judlau Contracting, Inc.

Address: 26-15 Ulmer St.

City: College Point State: NY Zip: 11354

Contract Number: I-19-4464

Estimated Contract Start Date: 01/15/20

Estimated Contract End Date: 11/24/21

Other:

This form is intended for use by the prime contractor on the above referenced contract number.
The prime contractor may provide a copy of this form to associated subcontractors and suppliers.

Note: Keep copy with vendor file

3/5/15 Ver 2.0

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-19-4464

PERFORMANCE BOND

015207811 (Liberty)
47-SUR-300018-01-0089 (Berkshire)
Bond No. PRF09323014 (Zurich)

KNOW ALL PERSONS BY THESE PRESENTS, That we, Judlau Contracting, Inc.,
(Name of Principal)

- ☒ a corporation organized and existing under the laws of the State of New York and authorized to do business in the State of Illinois,
- ☐ a limited liability company admitted to transact business in the State of Illinois and in good standing with the State of Illinois,
- ☐ a partnership consisting of _____,
- ☐ an individual doing business as _____,
- ☐ a joint venture consisting of _____,

("X" ONE AND COMPLETE REMAINING INFORMATION)

as Principal, and Liberty Mutual Insurance Company / Berkshire Hathway Specialty Insurance Company / Zurich American Insurance Company
(Name of Surety)

a corporation organized and existing under the laws of the State of MA (Liberty) / NE (Berkshire) / NY (Zurich) with authority to do business in the State of Illinois, as Surety, are held and firmly bound unto The Illinois State Toll Highway Authority in the penal sum of Sixty-Four Million Three Hundred Fifty-Two Thousand Five Hundred Fifty-Nine Dollars and Twenty Cents ($64,352,559.20), lawful money of the United States, well and truly to be paid unto said The Illinois State Toll Highway Authority, for the payment to which we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that whereas, Principal has entered into a written contract with The Illinois State Toll Highway Authority for the work designated as

Contract No. I-19-4464; I-57 Roadway and Bridge Widening (Kedzie Ave to CSX RR)
(Insert Contract Number and Description)

CD Roads A & C I-294 Ramp Construction and Ramp L Toll Plaza

which contract is by reference made a part hereof and is hereinafter referred to as "the Contract".

NOW, THEREFORE, if Principal promptly and faithfully performs said work in accordance with the provisions of the Contract and any authorized changes in the Contract that are subsequently made during the original term of the Contract and any extensions thereof that may be granted by the Authority, with or without notice to the Surety, and complies with all the provisions, conditions and requirements of the Contract and any authorized changes in the Contract that are subsequently made, with or without notice to the Surety, then this obligation for Surety's performance of the Contract shall be void; otherwise it shall remain in full force and effect.

Surety hereby waives notice of any changes in the Contract, including extensions of time for the performance thereof.

IN WITNESS WHEREOF, we have duly executed the foregoing obligation and affixed our seals

this 5th day of December, 2019.

Surety Liberty Mutual Insurance Company
Berkshire Hathaway Specialty Insurance Company
Zurich American Insurance Company

Address 175 Berkeley Street, Boston, MA 02116 (Liberty)
1314 Douglas Street, Suite 1400, Omaha, NE 68102 (BH)
1299 Zurich Way, Schaumburg, IL 60196 (Zurich)

By [redacted]
(Seal) Attorney in Fact Anne Potter

Agent for Surety Aon

Address One Liberty Plaza, 165 Broadway, 33rd Floor
New York, New York 10006

Principal Judlau Contracting, Inc.

Address 26-15 Ulmer Street
College Point, NY 11354

By [redacted]
(Signature) (Seal)
ARJAN AMIN, EVP
(Name & Title)

Attest [redacted]
Corporate Secretary

(Attach Surety's Power of Attorney)

(Attach Notary Certificate authenticating Signature of Attorney-In-Fact)

(Attach Notary Certificate authenticating Signature of Representative of Principal if not attested by Corporate Secretary)

ACKNOWLEDGEMENT OF CONTRACTOR, IF A CORPORATION

STATE OF ILLINOIS ,)
COUNTY OF DUPAGE ,)

ON THE 5TH DAY OF DECEMBER 2019, BEFORE ME PERSONALLY CAME ARNAV AMIN TO ME KNOWN, WHO, BEING BY ME DULY SWORN, DID DEPOSE AND SAY THAT (S)HE RESIDES AT AURORA, IL , THAT (S)HE IS THE EXECUTIVE VICE PRESIDENT OF **Judlau Contracting, Inc.** THE CORPORATION DESCRIBED IN AND WHICH EXECUTED THE ABOVE INSTRUMENT; AND THAT (S)HE SIGNED HIS/HER NAME THERETO BY ORDER OF THE BOARD OF DIRECTORS OF SAID CORPORATION.

[redacted]

Notary Public

MARIA CACUCCIOLO
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
June 13, 2023

ACKNOWLEDGEMENT OF SURETY

STATE OF NEW YORK,)
COUNTY OF NEW YORK,)

ON THE **5th** DAY OF **December** 2019, BEFORE ME PERSONALLY CAME **Anne Potter** TO ME KNOWN, WHO, BEING BY ME DULY SWORN, DID DEPOSE AND SAY THAT (S)HE RESIDES AT **Queens County, NY** THAT (S)HE IS THE ATTORNEY-IN-FACT OF **Liberty Mutual Insurance Company, Berkshire Hathaway Specialty Insurance Company and Liberty Mutual Insurance Company** THE CORPORATION DESCRIBED IN AND WHICH EXECUTED THE ABOVE INSTRUMENT; THAT (S)HE KNOWS THE SEAL OF SAID CORPORATION; THAT ONE OF THE SEALS AFFIXED TO THE FOREFGOING INSTRUMENT IS SUCH SEAL; THAT IT WAS SO AFFIXED BY ORDER OF THE BOARD OF DIRECTORS OF SAID CORPORATION; AND THAT (S)HE SIGNED HIS/HER NAME THERETO BY LIKE ORDER.

[redacted]

Notary Public

ALICIA P MCKAY
NOTARY PUBLIC-STATE OF NEW YORK
No. 01MC6394083
Qualified in New York County
My Commission Expires 07-01-2023

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: **8201321-015001**

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Jennifer L. Jakaitis; Anne Potter; Nancy Schnee; Valorie Spates; Susan A. Welsh; Beverly A. Woolford

all of the city of Garden City state of NY each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 29th day of May, 2019.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: [redacted]
David M. Carey, Assistant Secretary

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 29th day of May, 2019 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: [redacted]
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.
Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts: Section 5. Surety Bonds and Undertakings.
Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this _____ day of _____, _____.

DEC 05 2019

By: [redacted]
Renee C. Llewellyn, Assistant Secretary

LMS-12873 LMIC OCIC WAIC Multi Co_062018

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

Berkshire Hathaway Specialty Insurance

Power Of Attorney

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY
NATIONAL INDEMNITY COMPANY / NATIONAL LIABILITY & FIRE INSURANCE COMPANY

Know all men by these presents, that **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY**, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at One Lincoln Street, 23rd Floor, Boston, Massachusetts 02111, **NATIONAL INDEMNITY COMPANY**, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at 3024 Harney Street, Omaha, Nebraska 68131 and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, a corporation existing under and by virtue of the laws of the State of Connecticut and having an office at 100 First Stamford Place, Stamford, Connecticut 06902 (hereinafter collectively the "Companies"), pursuant to and by the authority granted as set forth herein, do hereby name, constitute and appoint: **Valorie Spates, Beverly A. Woolford, Anne Potter, Nancy Schnee, 900 Stewart Avenue, 3rd Floor, Suite 300 of the city of Garden City, State of New York,** their true and lawful attorney(s)-in-fact to make, execute, seal, acknowledge, and deliver, for and on their behalf as surety and as their act and deed, any and all undertakings, bonds, or other such writings obligatory in the nature thereof, in pursuance of these presents, the execution of which shall be as binding upon the Companies as if it has been duly signed and executed by their regularly elected officers in their own proper persons. **This authority for the Attorney-in-Fact shall be limited to the execution of the attached bond(s) or other such writings obligatory in the nature thereof.**

In witness whereof, this Power of Attorney has been subscribed by an authorized officer of the Companies, and the corporate seals of the Companies have been affixed hereto this date of December 20, 2018. This Power of Attorney is made and executed pursuant to and by authority of the Bylaws, Resolutions of the Board of Directors, and other Authorizations of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, which are in full force and effect, each reading as appears on the back page of this Power of Attorney, respectively. **The following signature by an authorized officer of the Company may be a facsimile, which shall be deemed the equivalent of and constitute the written signature of such officer of the Company for all purposes regarding this Power of Attorney, including satisfaction of any signature requirements on any and all undertakings, bonds, or other such writings obligatory in the nature thereof, to which this Power of Attorney applies.**

BERKSHIRE HATHAWAY SPECIALTY IN[redacted]

By [redacted]

David Fields, Executive Vice President

NATIONAL INDEMNITY COMPANY,
NATIONAL LIABILITY & FIRE INSURANCE COMPANY,

By: [redacted]

David Fields, Vice President

NOTARY

State of Massachusetts, County of Suffolk, ss:

On this 20th day of December, 2018, before me appeared David Fields, Executive Vice President of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY and Vice President of NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, who being duly sworn, says that his capacity is as designated above for such Companies; that he knows the corporate seals of the Companies; that the seals affixed to the foregoing instrument are such corporate seals; that they were affixed by order of the board of directors or other governing body of said Companies pursuant to its Bylaws, Resolutions and other Authorizations, and that he signed said instrument in that capacity of said Companies.

[Notary Seal]

GEOFFERY A. DELISIO
Notary Public
Commonwealth of Massachusetts
My Comm. Expires November 28, 2024

[redacted]

Notary Public

I, Ralph Tortorella, the undersigned, Officer of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies which is in full force and effect and has not been revoked. IN TESTIMONY WHEREOF, see hereunto affixed the seals of said Companies this December 5, 2019.

[redacted]

Officer

[redacted]

To verify the authenticity of this Power of Attorney please contact us at: BHSI Surety Department, Berkshire Hathaway Specialty Insurance Company, One Lincoln Street, 23rd Floor Boston, MA 02111 | (770) 625-2516 or by email at Jennifer.Porter@bhspecialty.com *THIS POWER OF ATTORNEY IS VOID IF ALTERED*

To notify us of a claim please contact us on our 24-hour toll free number at (855) 453-9675, via email at claimsnotice@bhspecialty.com, via fax to (617) 507-4258, or via mail.

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY (BYLAWS)

ARTICLE V.

CORPORATE ACTIONS

. . . .

EXECUTION OF DOCUMENTS:

. . . .

Section 6.(b) The President, any Vice President or the Secretary, shall have the power and authority:

(1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company bonds and other undertakings, and

(2) To remove at any time any such Attorney-in-fact and revoke the authority given him.

NATIONAL INDEMNITY COMPANY (BY-LAWS)

Section 4. Officers, Agents, and Employees:

A. The officers shall be a President, one or more Vice Presidents, a Secretary, one or more Assistant Secretaries, a Treasurer, and one or more Assistant Treasurers none of whom shall be required to be shareholders or Directors and each of whom shall be elected annually by the Board of Directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the Board of Directors, and shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the Board of Directors; and the Board of Directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the corporation.

NATIONAL INDEMNITY COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BY-LAWS)

ARTICLE IV

Officers

Section 1. Officers, Agents and Employees:

A. The officers shall be a president, one or more vice presidents, one or more assistant vice presidents, a secretary, one or more assistant secretaries, a treasurer, and one or more assistant treasurers, none of whom shall be required to be shareholders or directors, and each of whom shall be elected annually by the board of directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the board of directors. The president and secretary shall be different individuals. Election or appointment of an officer or agent shall not create contract rights. The officers of the Corporation shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the board of directors; and the board of directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the Corporation.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

Liberty Mutual. SURETY

LIBERTY MUTUAL INSURANCE COMPANY

FINANCIAL STATEMENT — DECEMBER 31, 2018

Assets

Cash and Bank Deposits	$464,341,712
*Bonds — U.S Government	2,259,714,810
*Other Bonds	11,864,776,740
*Stocks	16,527,715,226
Real Estate	255,809,551
Agents' Balances or Uncollected Premiums	5,817,927,234
Accrued Interest and Rents	108,139,840
Other Admitted Assets	11,532,139,744
Total Admitted Assets	**$48,830,564,857**

Liabilities

Unearned Premiums		$7,851,429,449
Reserve for Claims and Claims Expense		20,165,209,300
Funds Held Under Reinsurance Treaties		384,795,327
Reserve for Dividends to Policyholders		1,111,529
Additional Statutory Reserve		62,866,000
Reserve for Commissions, Taxes and Other Liabilities		3,999,822,802
Total		**$32,465,234,407**
Special Surplus Funds	$43,108,583	
Capital Stock	10,000,000	
Paid in Surplus	10,044,912,727	
Unassigned Surplus	6,267,309,139	
Surplus to Policyholders		**16,365,330,449**
Total Liabilities and Surplus		**$48,830,564,856**

LIBERTY MUTUAL INSURANCE COMPANY INCORPORATED 1912 MASSACHUSETTS

* Bonds are stated at amortized or investment value; Stocks at Association Market Values.
The foregoing financial information is taken from Liberty Mutual Insurance Company's financial statement filed with the state of Massachusetts Department of Insurance.

I, TIM MIKOLAJEWSKI, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the foregoing is a true, and correct statement of the Assets and Liabilities of said Corporation, as of December 31, 2018, to the best of my knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at Seattle, Washington, this 22nd day of March, 2019.

[redacted]

Assistant Secretary

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY

1314 Douglas Street, Suite 1400, Omaha, Nebraska 68102

ADMITTED ASSETS*

	12/31/2018	9/30/2018	12/31/2017
Total invested assets	$ 4,313,185,189	$ 4,690,203,484	$ 4,516,104,907
Premium & agent balances (net)	301,849,144	311,427,850	297,141,264
All other assets	140,930,406	151,665,559	137,220,394
Total Admitted Assets	$ 4,755,964,739	$ 5,153,296,893	$ 4,950,466,565

LIABILITIES & SURPLUS*

	12/31/2018	9/30/2018	12/31/2017
Loss & loss exp. unpaid	$ 463,103,223	$ 439,336,367	$ 327,823,391
Unearned premiums	241,835,588	236,336,863	209,113,536
All other liabilities	570,628,148	723,445,065	663,892,150
Total Liabilities	1,275,566,959	1,399,118,295	1,200,829,077
Total Policyholders' Surplus	3,480,397,780	3,754,178,598	3,749,637,488
Total Liabilities & Surplus	$ 4,755,964,739	$ 5,153,296,893	$ 4,950,466,565

* Assets, liabilities and surplus are presented on a Statutory Accounting Basis as promulgated by the NAIC and/or the laws of the company's domiciliary state.

A.M. Best: A++ Rating **Standard & Poor's: AA+ Rating**

ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Nancy SCHNEE, Valorie SPATES, Beverly A. WOOLFORD, Anne POTTER and Susan A. WELSH, all of Garden City, New York,** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings,** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND**, this 17th day of July, A.D. 2019.





ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

[redacted]

By: Robert D. Murray
Vice President

[redacted]

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 17th day of July, A.D. 2019, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



[redacted]

Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2023

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this _____ day of _____, _____. DEC 05 2019



[redacted]

By: Brian M. Hodges
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
www.reportsfclaims@zurichna.com
800-626-4577

ZURICH AMERICAN INSURANCE COMPANY
COMPARATIVE BALANCE SHEET
4 WORLD TRADE CENTER, 150 GREENWICH STREET, NEW YORK, NY 10007
As of December 31, 2018 and December 31, 2017

	12/31/2018	12/31/2017
Assets		
Bonds	$ 17,540,109,648	$ 17,304,611,032
Preferred Stock	-	-
Common Stock	3,132,639,174	3,336,061,932
Real Estate	1,373,151,270	1,169,333,479
Other Invested Assets	1,113,225,492	1,398,151,991
Derivatives	642,656	34,100
Short-term Investments	24,895,313	122,752,224
Receivable for securities	75,504,004	216,911,554
Cash and cash equivalents	(38,621,060)	623,989,513
Securities lending reinvested collateral assets	47,379,583	142,251,002
Employee Trust for Deferred Compensation Plan	142,053,861	154,184,004
Total Cash and Invested Assets	$ 23,410,979,940	$ 24,468,290,836
Premiums Receivable	$ 4,800,865,144	$ 4,853,380,227
Funds Held with Reinsurers	371,693	289,784
Reinsurance Recoverable	1,298,188,705	648,465,014
Accrued Investment Income	126,363,306	132,373,174
Federal Income Tax Recoverable	503,312,859	477,481,046
Due from Affiliates	205,170,893	407,583,927
Other Assets	602,852,006	594,138,939
Total Assets	$ 30,948,104,546	$ 31,581,955,729
Liabilities and Policyholders' Surplus		
Liabilities:		
Loss and LAE Reserves	$ 13,849,911,195	$ 14,125,301,895
Unearned Premium Reserve	3,819,936,876	4,274,053,819
Funds Held with Reinsurers	559,639,569	637,809,938
Loss in Course of Payment	959,528,132	888,528,099
Commission Reserve	120,056,749	112,790,522
Federal Income Tax Payable	-	88,988,756
Remittances and Items Unallocated	19,668,701	161,295,880
Payable to parent, subs and affiliates	106,578,289	221,304,753
Provision for Reinsurance	213,799,231	169,995,451
Ceded Reinsurance Premiums Payable	1,939,296,998	1,000,276,567
Securities Lending Collateral Liability	47,379,583	142,251,002
Other Liabilities	2,136,803,941	2,140,323,174
Total Liabilities	$ 23,772,599,265	$ 23,962,919,856
Policyholders' Surplus:		
Common Capital Stock	$ 5,000,000	$ 5,000,000
Paid-In and Contributed Surplus	4,394,131,321	4,394,131,321
Surplus Notes	-	-
Special Surplus Funds	5,106,000	49,899,000
Cumulative Unrealized Gain	52,396,417	283,695,517
Unassigned Surplus	2,718,871,543	2,886,310,035
Total Policyholders' Surplus	$ 7,175,505,281	$ 7,619,035,873
Total Liabilities and Policyholders' Surplus	$ 30,948,104,546	$ 31,581,955,729

I, Dennis F. Kerrigan, Corporate Secretary of ZURICH AMERICAN INSURANCE COMPANY do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company, on the 31st day of December, 2018, according to the best of my information, knowledge and belief.

[redacted]

Corporate Secretary

State of Illinois
County of Cook } SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 20th day of March, 2019.

[redacted]

KATHERINE R SCHULTZ
Official Seal
Notary Public - State of Illinois
My Commission Expires Nov 18, 2019

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-19-4464

PAYMENT BOND

015207811 (Liberty)
47-SUR-300018-01-0089 (Berkshire)
Bond No. PRF09323014 (Zurich)

KNOW ALL PERSONS BY THESE PRESENTS, That we, Judlau Contracting, Inc.,
(Name of Principal)

- ☒ a corporation organized and existing under the laws of the State of New York and authorized to do business in the State of Illinois,
- ☐ a limited liability company admitted to transact business in the State of Illinois and in good standing with the State of Illinois,
- ☐ a partnership consisting of _____,
- ☐ an individual doing business as _____,
- ☐ a joint venture consisting of _____,

("X" ONE AND COMPLETE REMAINING INFORMATION)

as Principal, and Liberty Mutual Insurance Company / Berkshire Hathway Specialty Insurance Company / Zurich American Insurance Company
(Name of Surety) MA (Liberty) NE (Berkshire) NY (Zurich)

a corporation organized and existing under the laws of the State of _____ with authority to do business in the State of Illinois, as Surety, are held and firmly bound unto The Illinois State Toll Highway Authority in the penal sum of Sixty-Four Million Three Hundred Fifty-Two Thousand Five Hundred Fifty-Nine Dollars and Twenty Cents ($64,352,559.20), lawful money of the United States, well and truly to be paid unto said The Illinois State Toll Highway Authority, for the payment to which we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that whereas, Principal has entered into a written contract with The Illinois State Toll Highway Authority for the work designated as

Contract No. I-19-4464; I-57 Roadway and Bridge Widening (Kedzie Ave to CSX RR)
(Insert Contract Number and Description)
CD Roads A & C I-294 Ramp Construction and Ramp L Toll Plaza

which contract is by reference made a part hereof and is hereinafter referred to as "the Contract".

NOW, THEREFORE, if Principal promptly pays not less than the prevailing wages for the work to be performed in accordance with the Contract and the laws of the State of Illinois, and promptly pays all sums of money due or to become due for any labor, materials, apparatus, fixtures or machinery, and transportation with respect thereto, furnished to said Principal for the purpose of performing said work in accordance with the provisions of the Contract and any authorized changes in the Contract that are subsequently made during the original term of the Contract and any extensions thereof that may be granted by the Authority, with or without notice to the Surety, then this obligation shall be void; otherwise it shall remain in full force and effect.

Surety hereby waives notice of any changes in the Contract, including extensions of time for the performance thereof.

IN WITNESS WHEREOF, we have duly executed the foregoing obligation and affixed our seals

this 5th day of December, 2019.

Surety Liberty Mutual Insurance Company
Berkshire Hathaway Specialty Insurance Company
Zurich American Insurance Company

Address 175 Berkeley Street, Boston, MA 02116 (Liberty)
1314 Douglas Street, Suite 1400, Omaha, NE 68102 (BH)
1299 Zurich Way, Schaumburg, IL 60196 (Zurich)

By [redacted]
(Seal) Attorney in Fact Anne Potter

Agent for
Surety Aon

Address One Liberty Plaza, 165 Broadway, 33rd Floor
New York, New York 10006

Principal Judlau Contracting, Inc.

Address 26-15 Ulmer Street
College Point, NY 11354

By [redacted]
(Signature) (Seal)
ARNAV AMIN, EVP
(Name & Title)

Attest [redacted]
Corporate Secretary

(Attach Surety's Power of Attorney)

(Attach Notary Certificate authenticating Signature of Attorney-In-Fact)

(Attach Notary Certificate authenticating Signature of Representative of Principal if not attested by Corporate Secretary)

ACKNOWLEDGEMENT OF CONTRACTOR, IF A CORPORATION

STATE OF ILLINOIS ,)
COUNTY OF DUPAGE ,)

ON THE 5TH DAY OF DECEMBER 2019, BEFORE ME PERSONALLY CAME ARNAV AMIN TO ME KNOWN, WHO, BEING BY ME DULY SWORN, DID DEPOSE AND SAY THAT (S)HE RESIDES AT AURORA, IL , THAT (S)HE IS THE EXECUTIVE VICE PRESIDENT OF **Judlau Contracting, Inc.** THE CORPORATION DESCRIBED IN AND WHICH EXECUTED THE ABOVE INSTRUMENT; AND THAT (S)HE SIGNED HIS/HER NAME THERETO BY ORDER OF THE BOARD OF DIRECTORS OF SAID CORPORATION.

[redacted]

Notary Public

MARIA CACUCCIOLO
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires
June 13, 2023

ACKNOWLEDGEMENT OF SURETY

STATE OF NEW YORK,)
COUNTY OF NEW YORK,)

ON THE **5th** DAY OF **December** 2019, BEFORE ME PERSONALLY CAME **Anne Potter** TO ME KNOWN, WHO, BEING BY ME DULY SWORN, DID DEPOSE AND SAY THAT (S)HE RESIDES AT **Queens County, NY** THAT (S)HE IS THE ATTORNEY-IN-FACT OF **Liberty Mutual Insurance Company, Berkshire Hathaway Specialty Insurance Company and Liberty Mutual Insurance Company** THE CORPORATION DESCRIBED IN AND WHICH EXECUTED THE ABOVE INSTRUMENT; THAT (S)HE KNOWS THE SEAL OF SAID CORPORATION; THAT ONE OF THE SEALS AFFIXED TO THE FOREFGOING INSTRUMENT IS SUCH SEAL; THAT IT WAS SO AFFIXED BY ORDER OF THE BOARD OF DIRECTORS OF SAID CORPORATION; AND THAT (S)HE SIGNED HIS/HER NAME THERETO BY LIKE ORDER.

[redacted]

Notary Public

ALICIA P MCKAY
NOTARY PUBLIC-STATE OF NEW YORK
No. 01MC6394083
Qualified in New York County
My Commission Expires 07-01-2023

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: **8201321-015001**

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Jennifer L. Jakaitis; Anne Potter; Nancy Schnee; Valorie Spates; Susan A. Welsh; Beverly A. Woolford

all of the city of Garden City state of NY each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 29th day of May, 2019.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: [redacted]
David M. Carey, Assistant Secretary

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 29th day of May, 2019 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: [redacted]
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.
Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other suraty obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts: Section 5. Surety Bonds and Undertakings.
Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this _____ day of _____, _____. DEC 05 2019

By: [redacted]
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

Liberty Mutual. SURETY

LIBERTY MUTUAL INSURANCE COMPANY

FINANCIAL STATEMENT — DECEMBER 31, 2018

Assets

Cash and Bank Deposits	$464,341,712
*Bonds — U.S Government	2,259,714,810
*Other Bonds	11,864,776,740
*Stocks	16,527,715,226
Real Estate	255,809,551
Agents' Balances or Uncollected Premiums	5,817,927,234
Accrued Interest and Rents	108,139,840
Other Admitted Assets	11,532,139,744
Total Admitted Assets	**$48,830,564,857**

Liabilities

Unearned Premiums		$7,851,429,449
Reserve for Claims and Claims Expense		20,165,209,300
Funds Held Under Reinsurance Treaties		384,795,327
Reserve for Dividends to Policyholders		1,111,529
Additional Statutory Reserve		62,866,000
Reserve for Commissions, Taxes and Other Liabilities		3,999,822,802
Total		**$32,465,234,407**
Special Surplus Funds	$43,108,583	
Capital Stock	10,000,000	
Paid in Surplus	10,044,912,727	
Unassigned Surplus	6,267,309,139	
Surplus to Policyholders		**16,365,330,449**
Total Liabilities and Surplus		**$48,830,564,856**

LIBERTY MUTUAL INSURANCE COMPANY INCORPORATED 1912 MASSACHUSETTS

* Bonds are stated at amortized or investment value; Stocks at Association Market Values.
The foregoing financial information is taken from Liberty Mutual Insurance Company's financial statement filed with the state of Massachusetts Department of Insurance.

I, TIM MIKOLAJEWSKI, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the foregoing is a true, and correct statement of the Assets and Liabilities of said Corporation, as of December 31, 2018, to the best of my knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at Seattle, Washington, this 22nd day of March, 2019.

[redacted]

Assistant Secretary

Berkshire Hathaway Specialty Insurance

Power Of Attorney

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY
NATIONAL INDEMNITY COMPANY / NATIONAL LIABILITY & FIRE INSURANCE COMPANY

[redacted]

To verify the authenticity of this Power of Attorney please contact us at: BHSI Surety Department, Berkshire Hathaway Specialty Insurance Company, One Lincoln Street, 23rd Floor Boston, MA 02111 | (770) 625-2516 or by email at Jennifer.Porter@bhspecialty.com THIS POWER OF ATTORNEY IS VOID IF ALTERED

To notify us of a claim please contact us on our 24-hour toll free number at (855) 455-9675, via email at claimsnotice@bhspecialty.com, via fax to (617) 507-8258, or via mail.

Know all men by these presents, that **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY**, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at One Lincoln Street, 23rd Floor, Boston, Massachusetts 02111, **NATIONAL INDEMNITY COMPANY**, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at 3024 Harney Street, Omaha, Nebraska 68131 and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, a corporation existing under and by virtue of the laws of the State of Connecticut and having an office at 100 First Stamford Place, Stamford, Connecticut 06902 (hereinafter collectively the "Companies"), pursuant to and by the authority granted as set forth herein, do hereby name, constitute and appoint: **Valorie Spates, Beverly A. Woolford, Anne Potter, Nancy Schnee, 900 Stewart Avenue, 3rd Floor, Suite 300 of the city of Garden City, State of New York,** their true and lawful attorney(s)-in-fact to make, execute, seal, acknowledge, and deliver, for and on their behalf as surety and as their act and deed, any and all undertakings, bonds, or other such writings obligatory in the nature thereof, in pursuance of these presents, the execution of which shall be as binding upon the Companies as if it has been duly signed and executed by their regularly elected officers in their own proper persons. **This authority for the Attorney-in-Fact shall be limited to the execution of the attached bond(s) or other such writings obligatory in the nature thereof.**

In witness whereof, this Power of Attorney has been subscribed by an authorized officer of the Companies, and the corporate seals of the Companies have been affixed hereto this date of December 20, 2018. This Power of Attorney is made and executed pursuant to and by authority of the Bylaws, Resolutions of the Board of Directors, and other Authorizations of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, which are in full force and effect, each reading as appears on the back page of this Power of Attorney, respectively. **The following signature by an authorized officer of the Company may be a facsimile, which shall be deemed the equivalent of and constitute the written signature of such officer of the Company for all purposes regarding this Power of Attorney, including satisfaction of any signature requirements on any and all undertakings, bonds, or other such writings obligatory in the nature thereof, to which this Power of Attorney applies.**

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY,

[redacted]

By: _____
David Fields, Executive Vice President

NATIONAL INDEMNITY COMPANY, NATIONAL LIABILITY & FIRE INSURANCE COMPANY,

[redacted]

By: _____
David Fields, Vice President

NOTARY
State of Massachusetts, County of Suffolk, ss:
On this 20th day of December, 2018, before me appeared David Fields, Executive Vice President of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY and Vice President of NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, who being duly sworn, says that his capacity is as designated above for such Companies; that he knows the corporate seals of the Companies; that the seals affixed to the foregoing instrument are such corporate seals; that they were affixed by order of the board of directors or other governing body of said Companies pursuant to its Bylaws, Resolutions and other Authorizations, and that he signed said instrument in that capacity of said Companies.

[Notary Seal]

GEOFFERY A. DELISIO
Notary Public
Commonwealth of Massachusetts
My Comm. Expires November 29, 2024

[redacted]
Notary Public

I, Ralph Tortorella, the undersigned, Officer of **BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY** and **NATIONAL LIABILITY & FIRE INSURANCE COMPANY**, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies which is in full force and effect and has not been revoked. IN TESTIMONY WHEREOF, see hereunto affixed the seals of said Companies this December 5, 2019.

[redacted]
Officer

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY (BYLAWS)

ARTICLE V.

CORPORATE ACTIONS

. . . .

EXECUTION OF DOCUMENTS:

. . . .

Section 6.(b) The President, any Vice President or the Secretary, shall have the power and authority:

(1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company bonds and other undertakings, and

(2) To remove at any time any such Attorney-in-fact and revoke the authority given him.

NATIONAL INDEMNITY COMPANY (BY-LAWS)

Section 4. Officers, Agents, and Employees:

A. The officers shall be a President, one or more Vice Presidents, a Secretary, one or more Assistant Secretaries, a Treasurer, and one or more Assistant Treasurers none of whom shall be required to be shareholders or Directors and each of whom shall be elected annually by the Board of Directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the Board of Directors, and shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the Board of Directors; and the Board of Directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the corporation.

NATIONAL INDEMNITY COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BY-LAWS)

ARTICLE IV

Officers

Section 1. Officers, Agents and Employees:

A. The officers shall be a president, one or more vice presidents, one or more assistant vice presidents, a secretary, one or more assistant secretaries, a treasurer, and one or more assistant treasurers, none of whom shall be required to be shareholders or directors, and each of whom shall be elected annually by the board of directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the board of directors. The president and secretary shall be different individuals. Election or appointment of an officer or agent shall not create contract rights. The officers of the Corporation shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the board of directors; and the board of directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the Corporation.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY

1314 Douglas Street, Suite 1400, Omaha, Nebraska 68102

ADMITTED ASSETS*

	12/31/2018	9/30/2018	12/31/2017
Total invested assets	$ 4,313,185,189	$ 4,690,203,484	$ 4,516,104,907
Premium & agent balances (net)	301,849,144	311,427,850	297,141,264
All other assets	140,930,406	151,665,559	137,220,394
Total Admitted Assets	$ 4,755,964,739	$ 5,153,296,893	$ 4,950,466,565

LIABILITIES & SURPLUS*

	12/31/2018	9/30/2018	12/31/2017
Loss & loss exp. unpaid	$ 463,103,223	$ 439,336,367	$ 327,823,391
Unearned premiums	241,835,588	236,336,863	209,113,536
All other liabilities	570,628,148	723,445,065	663,892,150
Total Liabilities	1,275,566,959	1,399,118,295	1,200,829,077
Total Policyholders' Surplus	3,480,397,780	3,754,178,598	3,749,637,488
Total Liabilities & Surplus	$ 4,755,964,739	$ 5,153,296,893	$ 4,950,466,565

* Assets, liabilities and surplus are presented on a Statutory Accounting Basis as promulgated by the NAIC and/or the laws of the company's domiciliary state.

A.M. Best: A++ Rating **Standard & Poor's: AA+ Rating**

ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by **Robert D. Murray, Vice President**, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint **Nancy SCHNEE, Valorie SPATES, Beverly A. WOOLFORD, Anne POTTER and Susan A. WELSH, all of Garden City, New York,** its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings,** and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said **ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND,** this 17th day of July, A.D. 2019.

ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

[redacted]

By: Robert D. Murray
Vice President

[redacted]

By: Dawn E. Brown
Secretary

State of Maryland
County of Baltimore

On this 17th day of July, A.D. 2019, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

[redacted]

Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2023

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this _____ day of _____, _____.

DEC 05 2019



[redacted]

By: Brian M. Hodges
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
www.reportsfclaims@zurichna.com
800-626-4577

ZURICH AMERICAN INSURANCE COMPANY
COMPARATIVE BALANCE SHEET
4 WORLD TRADE CENTER, 150 GREENWICH STREET, NEW YORK, NY 10007
As of December 31, 2018 and December 31, 2017

	12/31/2018	12/31/2017
Assets		
Bonds	$ 17,540,109,648	$ 17,304,611,032
Preferred Stock	-	-
Common Stock	3,132,639,174	3,336,061,932
Real Estate	1,373,151,270	1,169,333,479
Other Invested Assets	1,113,225,492	1,398,151,991
Derivatives	642,656	34,100
Short-term Investments	24,895,313	122,752,224
Receivable for securities	75,504,004	216,911,554
Cash and cash equivalents	(38,621,060)	623,989,513
Securities lending reinvested collateral assets	47,379,583	142,251,002
Employee Trust for Deferred Compensation Plan	142,053,861	154,154,004
Total Cash and Invested Assets	$ 23,410,979,940	$ 24,468,250,829
Premiums Receivable	$ 4,800,865,144	$ 4,853,380,227
Funds Held with Reinsurers	371,693	289,784
Reinsurance Recoverable	1,298,188,705	648,465,014
Accrued Investment Income	126,363,306	132,373,174
Federal Income Tax Recoverable	503,312,859	477,481,846
Due from Affiliates	205,170,893	407,585,927
Other Assets	602,852,006	594,128,929
Total Assets	$ 30,948,104,546	$ 31,581,955,729
Liabilities and Policyholders' Surplus		
Liabilities:		
Loss and LAE Reserves	$ 13,849,911,195	$ 14,125,301,895
Unearned Premium Reserve	3,819,936,876	4,274,053,819
Funds Held with Reinsurers	559,639,569	637,809,938
Loss in Course of Payment	959,528,132	888,528,099
Commission Reserve	120,056,749	112,790,522
Federal Income Tax Payable	-	88,988,756
Remittances and Items Unallocated	19,668,701	161,295,880
Payable to parent, subs and affiliates	106,578,289	221,304,753
Provision for Reinsurance	213,799,231	169,995,451
Ceded Reinsurance Premiums Payable	1,939,296,998	1,000,276,567
Securities Lending Collateral Liability	47,379,583	142,251,002
Other Liabilities	2,136,803,941	2,140,323,174
Total Liabilities	$ 23,772,599,265	$ 23,962,919,856
Policyholders' Surplus:		
Common Capital Stock	$ 5,000,000	$ 5,000,000
Paid-in and Contributed Surplus	4,394,131,321	4,394,131,321
Surplus Notes	-	-
Special Surplus Funds	5,106,000	49,899,000
Cumulative Unrealized Gain	52,396,417	283,695,517
Unassigned Surplus	2,718,871,543	2,886,310,035
Total Policyholders' Surplus	$ 7,175,505,281	$ 7,619,035,873
Total Liabilities and Policyholders' Surplus	$ 30,948,104,546	$ 31,581,955,729

I, Dennis F. Kerrigan, Corporate Secretary of ZURICH AMERICAN INSURANCE COMPANY do hereby certify that the foregoing statement is a correct exhibit of the assets and liabilities of the said Company, on the 31st day of December, 2018, according to the best of my information, knowledge and belief.

[redacted]

Corporate Secretary

State of Illinois
County of Cook } SS:

Subscribed and sworn to, before me, a Notary Public of the State of Illinois, in the City of Schaumburg, this 20th day of March, 2019.

[redacted]

Notary Public

KATHERINE R SCHULTZ
Official Seal
Notary Public - State of Illinois
My Commission Expires Nov 16, 2019

CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY) 01/09/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
Aon Risk Services Northeast, Inc. New York NY Office One Liberty Plaza 165 Broadway, Suite 3201 New York NY 10006 USA	PHONE (A/C. No. Ext): (866) 283-7122	FAX (A/C. No.): (800) 363-0105
	E-MAIL ADDRESS:	

INSURED	INSURER(S) AFFORDING COVERAGE		NAIC #
Judlau Contracting, Inc. 26-15 Ulmer Street College Point NY 11354 USA	INSURER A:	XL Insurance America Inc	24554
	INSURER B:	Indian Harbor Insurance Company	36940
	INSURER C:	ACE Property & Casualty Insurance Co.	20699
	INSURER D:	The Charter Oak Fire Insurance Company	25615
	INSURER E:	The Travelers Indemnity Co.	25658
	INSURER F:	Travelers Property Cas Co of America	25674

COVERAGES **CERTIFICATE NUMBER:** 570080150753 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. **Limits shown are as requested**

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
E	X COMMERCIAL GENERAL LIABILITY			VTC2KCO3K992299IND19	12/31/2019	12/31/2020	EACH OCCURRENCE	$2,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$500,000
							MED EXP (Any one person)	$10,000
							PERSONAL & ADV INJURY	$2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$4,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$4,000,000
	OTHER:							
F	AUTOMOBILE LIABILITY			VTC2J-CAP-3K992423-TIL-19	12/31/2019	12/31/2020	COMBINED SINGLE LIMIT (Ea accident)	$2,000,000
	X ANY AUTO						BODILY INJURY (Per person)	
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	
E	X UMBRELLA LIAB X OCCUR			CUP4P2300151925	12/31/2019	12/31/2020	EACH OCCURRENCE	$3,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$3,000,000
	DED X RETENTION $10,000							
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N			UB0L8858411925D	12/31/2019	12/31/2020	X PER STATUTE OTH-ER	
	ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? N	N/A		WC AOS				
E	(Mandatory in NH)			UB0L8857001925R	12/31/2019	12/31/2020	E.L. EACH ACCIDENT	$1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below			WC MA			E.L. DISEASE-EA EMPLOYEE	$1,000,000
							E.L. DISEASE-POLICY LIMIT	$1,000,000
B	Env Contr Prof			CE0742057005	12/31/2019	12/31/2020	Each Loss/Aggr	$10,000,000
				SIR applies per policy terms & conditions			SIR	$250,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

RE: Contract #: I-19-4464, I-57 Widening at I-294 Interchange
The Illinois State Toll Highway Authority together with its officials, directors and employees, the Consulting Engineer, the Program Management Office (PMO), Project Manager, Design Section Engineer, Design Corridor Manager, Construction Manager, and Construction Corridor Manager, Illinois Department of Transportation (IDOT), the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC), the Village of Posen, the Village of Dixmoor, the Mount Prospect Park District and the City of Harvey, are included as additional insured under the General Liability, Auto Liability and Pollution Liability policies. A Waiver of Subrogation is granted in favor of The Illinois State Toll Highway Authority together with its officials, directors

CERTIFICATE HOLDER

The Illinois State Toll
Highway Authority
Attention: Risk Management
2700 Ogden Avenue
Downers Grove IL 60515 USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

[redacted]

Holder Identifier :

Certificate No : 570080150753

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AGENCY CUSTOMER ID: 570000065622
LOC #:

ACORD

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
Aon Risk Services Northeast, Inc.	Judlau Contracting, Inc.
POLICY NUMBER: See Certificate Number: 570080150753	
CARRIER: See Certificate Number: 570080150753 / NAIC CODE	EFFECTIVE DATE:

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER G: Starr Indemnity & Liability Company	38318
INSURER	
INSURER	
INSURER	

ADDITIONAL POLICIES If a policy below does not include limit information, refer to the corresponding policy on the ACORD certificate form for policy limits.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
	EXCESS LIABILITY							
A				US00082012LI19A Excess 1st 5M Master	12/31/2019	12/31/2020	Aggregate	$5,000,000
C				XCQG46851560003 Excess 2nd 20M x 8M	12/31/2019	12/31/2020	Aggregate	$20,000,000
G				1000585492191 Excess 3rd 25M x 28M	12/31/2019	12/31/2020	Aggregate	$25,000,000
							Each Occurrence	$25,000,000
	OTHER							
B	Env Contr Poll			CEO742057005 SIR applies per policy terms & conditions	12/31/2019	12/31/2020	PerClaim/Aggr	$10,000,000
							SIR	$50,000

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AGENCY CUSTOMER ID: 570000065622

LOC #:

ADDITIONAL REMARKS SCHEDULE

AGENCY	NAMED INSURED
Aon Risk Services Northeast, Inc.	Judlau Contracting, Inc.
POLICY NUMBER	
See Certificate Number: 570080150753	
CARRIER / NAIC CODE	EFFECTIVE DATE:
See Certificate Number: 570080150753	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

Additional Description of Operations / Locations / Vehicles:

and employees, the Consulting Engineer, the Program Management Office (PMO), Project Manager, Design Section Engineer, Design Corridor Manager, Construction Manager, and Construction Corridor Manager, Illinois Department of Transportation (IDOT), the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC), the Village of Posen, the Village of Dixmoor, the Mount Prospect Park District and the City of Harvey in accordance with the policy provisions of the General Liability and Auto Liability policies. General Liability and Auto Liability evidenced herein is Primary/Non-contributory to other insurance available to an The Illinois State Toll Highway Authority together with its officials, directors and employees, the Consulting Engineer, the Program Management Office (PMO), Project Manager, Design Section Engineer, Design Corridor Manager, Construction Manager, and Construction Corridor Manager, Illinois Department of Transportation (IDOT), the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC), the Village of Posen, the Village of Dixmoor, the Mount Prospect Park District and the City of Harvey are to be included as Addl. Insured on General Liab.

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POLICY NUMBER: VTC2K-CO-3K992299-IND-19

COMMERCIAL GENERAL LIABILITY
ISSUE DATE: 01/03/2020

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Names of Additional Insured Person(s) or Organization(s):

Illinois State Toll Highway Authority together with its officials, directors and all employees, including its officials and employees and any other person or organization, except any architect, engineer or surveyor, that you agree in a written contract with Illinois State Toll Highway Authority together with its officials, directors and employees, including its officials and employees, to include as an additional insured on this coverage part, provided that such written contract was signed and executed by you before, and is in effect when, the "bodily injury" or "property damage" occurs or the "personal injury" or "advertising injury" offense is committed.

Location of Covered Operations:

Any project to which an applicable written contract described in the Name of Additional Insured Person(s) or Organization(s) section of this Schedule applies.

(Information required to complete this Schedule, if not shown above, will be shown in the Declarations.)

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring, or "personal injury" or "advertising injury" arising out of an offense committed, after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

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POLICY NUMBER:VTC2K-CO-3K99299-IND-19

COMMERCIAL GENERAL LIABILITY
ISSUE DATE: 12-27-19

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):

Illinois State Toll Highway Authority together with its officials, directors and all employees, including its officials and employees and any other person or organization, except any architect, engineer or surveyor, that you agree in a written contract with Illinois State Toll Highway Authority together with its officials, directors and employees, including its officials and employees, to include as an additional insured on this coverage part, provided that such written contract was signed and executed by you before, and is in effect when, the "bodily injury" or "property damage" occurs or the "personal injury" or "advertising injury" offense is committed.

Location And Description Of Completed Operations

Any project to which an applicable written contract described in the Name of Additional Insured Person(s) or Organization(s) section of this Schedule applies.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

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LOCATION AND DESCRIPTION OF COMPLETED OPERATIONS:

POLICY NUMBER: VTC2K-CO-3K992299-IND-19

COMMERCIAL GENERAL LIABILITY
ISSUE DATE: 01/03/2019

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – ENGINEERS, ARCHITECTS OR SURVEYORS NOT ENGAGED BY THE NAMED INSURED

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Engineers, Architects Or Surveyors Not Engaged By The Named Insured:

Any architect, engineer or surveyor that you agree in a written contract with Illinois State Toll Highway Authority to include as an additional insured on this Coverage Part, provided that such written contract was signed and executed by you before, and is in effect when, the "bodily injury" or "property damage" occurs or the "personal injury" or "advertising injury" offense is committed.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

A. **Section II – Who Is An Insured** is amended to include as an additional insured the architects, engineers or surveyors shown in the Schedule, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" caused, in whole or in part by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations performed by you or on your behalf.

Such architects, engineers or surveyors, while not engaged by you, are contractually required to be added as an additional insured to your policy.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusion applies:

This insurance does not apply to "bodily injury", "property damage", "personal injury" or "advertising injury" arising out of the rendering of or the failure to render any professional services, including:

1. The preparing, approving, or failing to prepare or approve maps, drawings, opinions, reports, surveys, change orders, designs or specifications; or
2. Supervisory, inspection or engineering services.

POLICY NUMBER: VTC2K-CO-3K992299-IND-19

COMMERCIAL GENERAL LIABILITY
ISSUE DATE: 01/03/2020

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Additional Insured Person(s) or Organization(s):

ILLINOIS DEPARTMENT OF TRANSPORTATION, the Metropolitan Water Reclamation District of Greater Chicago (MWRDGC), the Village of Posen, the village of Dixmoor, the Mount Prospect Park District and City of Harvey.

Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:

A. In the performance of your ongoing operations; or

B. In connection with your premises owned by or rented to you.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED – PRIMARY AND NON-CONTRIBUTORY WITH OTHER INSURANCE

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

PROVISIONS

1. The following is added to Paragraph **A.1.c., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

   This includes any person or organization who you are required under a written contract or agreement between you and that person or organization, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to name as an additional insured for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent of that person's or organization's liability for the conduct of another "insured".

2. The following is added to Paragraph **B.5., Other Insurance** of **SECTION IV – BUSINESS AUTO CONDITIONS**:

   Regardless of the provisions of paragraph a. and paragraph d. of this part **5. Other Insurance,** this insurance is primary to and non-contributory with applicable other insurance under which an additional insured person or organization is the first named insured when the written contract or agreement between you and that person or organization, that is signed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, requires this insurance to be primary and non-contributory.

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ENDORSEMENT #005

This endorsement, effective 12:01 a.m., December 31, 2019, forms a part of Policy No. CEO742057005 issued to OHL USA, INC. by Indian Harbor Insurance Company.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

MANUSCRIPT ENDORSEMENT – ADDITIONAL INSUREDS

This endorsement modifies insurance provided under the following:

PA/CE Plus: Professional Activities/Complete Execution + Pollution (Occurrence)

PROFESSIONAL & POLLUTION LIABILITY FOR CONSTRUCTION CONTRACTORS AND CONSTRUCTION SUPPORT SERVICES PROVIDERS

In consideration of the premium charged, it is hereby understood and agreed that the following are additional insured(s), but only with respect to **Claim(s)** arising out of **Contracting Activities** performed by or on behalf of the **Named Insured**:

Schedule

Re 301 E69th Street

MacArthur Properties, LLC
140 East 56th Street, Suite D
New York, NY 10022

MacArthur Management Corp.
140 East 56th Street, Suite D
New York, NY 10022

Berkadia Commercial Mortgage LLC.
Master Service for Wells Fargo Bank, NA Trustee for
Deutsche Mortgage & Assets Receiving Corp. Comm. Mtg. Pass Thru
Cert Series 2005-C6
C/O Berkadia Commercial Mortgage LLC
P.O. Box 1687
Horsham, PA 19044

The 301/69 Condominium
301 East 69th Street
New York, NY 10021

301/69 Owners Corp.
301 East 69th Street
New York, NY 10021

The New York City Transit Authority ("NYCT"), the Manhattan and Bronx Surface Transit Operating Authority ("MaBSTOA"), the Staten Island Rapid Transit Operating Authority ("SIRTOA"), the Metropolitan Transportation Auhtority ("MTA") including its subsidiaries and affiliates, MTA Capital Construction ("MTACC"), MTA Bus Company ("MTA Bus"), and the City of New York ("City" as Owner) and the respective affiliates and subsidiaries existing currently or in the future of and successors to each Indemnified Party listed herein. Long Island Rail Road (LIRR), Metropolitan Transportation Authority (MTA) and its subsidiaries and affiliates and New York & Atlantic Railway Company (when applicable) Anacostia Rail Holdings and the respective affiliates and subsidiaries existing currently or in the future of and successors to each Indemnified Parties listed herein. National Railroad Passenger

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Corp. (Amtrak), NJ Transit Corporation, and NJ Transit Rail Operations, Inc
Metro-North Commuter Railroad Company
Midtown Trackage Ventures, LLC
Midtown TDR Ventures, LLC
Argent Ventures LLC
Connecticut Department of Transportation (CDOT) and the State of Connecticut
National Railroad Passenger Corp (AMTRAK)
CSX Transportation, Inc. & New York Central Lines, LLC
Delaware & Hudson Railway Company Inc. (D&H)
BNS International, Inc.
Illinois State Toll Highway Authority together with its officials, directors and employees. The City of New York, including its officials and employees. Triborough Bridge & Tunnel Authority (B&T), Metropolitan Transportation Authority (MTA), and its subsidiaries and affiliates and the State of New York and the respective affiliates and subsidiaries existing currently or in the future of and successors."

All other terms, conditions and exclusions of this policy remain unchanged.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

XTEND ENDORSEMENT FOR CONTRACTORS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to this Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

A. Who Is An Insured – Unnamed Subsidiaries

B. Blanket Additional Insured – Governmental Entities – Permits Or Authorizations Relating To Operations

C. Incidental Medical Malpractice

D. Blanket Waiver Of Subrogation

E. Contractual Liability – Railroads

F. Damage To Premises Rented To You

PROVISIONS

A. WHO IS AN INSURED – UNNAMED SUBSIDIARIES

The following is added to **SECTION II – WHO IS AN INSURED**:

Any of your subsidiaries, other than a partnership, joint venture or limited liability company, that is not shown as a Named Insured in the Declarations is a Named Insured if:

a. You are the sole owner of, or maintain an ownership interest of more than 50% in, such subsidiary on the first day of the policy period; and

b. Such subsidiary is not an insured under similar other insurance.

No such subsidiary is an insured for "bodily injury" or "property damage" that occurred, or "personal and advertising injury" caused by an offense committed:

a. Before you maintained an ownership interest of more than 50% in such subsidiary; or

b. After the date, if any, during the policy period that you no longer maintain an ownership interest of more than 50% in such subsidiary.

For purposes of Paragraph **1.** of Section **II** – Who Is An Insured, each such subsidiary will be deemed to be designated in the Declarations as:

a. An organization other than a partnership, joint venture or limited liability company; or

b. A trust;

as indicated in its name or the documents that govern its structure.

B. BLANKET ADDITIONAL INSURED – GOVERNMENTAL ENTITIES – PERMITS OR AUTHORIZATIONS RELATING TO OPERATIONS

The following is added to **SECTION II – WHO IS AN INSURED**:

Any governmental entity that has issued a permit or authorization with respect to operations performed by you or on your behalf and that you are required by any ordinance, law, building code or written contract or agreement to include as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" arising out of such operations.

The insurance provided to such governmental entity does not apply to:

a. Any "bodily injury", "property damage" or "personal and advertising injury" arising out of operations performed for the governmental entity; or

b. Any "bodily injury" or "property damage" included in the "products-completed operations hazard".

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C. INCIDENTAL MEDICAL MALPRACTICE

1. The following replaces Paragraph **b.** of the definition of "occurrence" in the **DEFINITIONS** Section:

   b. An act or omission committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to a person, unless you are in the business or occupation of providing professional health care services.

2. The following replaces the last paragraph of Paragraph **2.a.(1)** of **SECTION II – WHO IS AN INSURED**:

   Unless you are in the business or occupation of providing professional health care services, Paragraphs **(1)(a)**, **(b)**, **(c)** and **(d)** above do not apply to "bodily injury" arising out of providing or failing to provide:

   (a) "Incidental medical services" by any of your "employees" who is a nurse, nurse assistant, emergency medical technician or paramedic; or

   (b) First aid or "Good Samaritan services" by any of your "employees" or "volunteer workers", other than an employed or volunteer doctor. Any such "employees" or "volunteer workers" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.

3. The following replaces the last sentence of Paragraph **5.** of **SECTION III – LIMITS OF INSURANCE**:

   For the purposes of determining the applicable Each Occurrence Limit, all related acts or omissions committed in providing or failing to provide "incidental medical services", first aid or "Good Samaritan services" to any one person will be deemed to be one "occurrence".

4. The following exclusion is added to Paragraph **2.**, **Exclusions**, of **SECTION I – COVERAGES – COVERAGE A – BODILY INJURY AND PROPERTY DAMAGE LIABILITY**:

   Sale Of Pharmaceuticals

   "Bodily injury" or "property damage" arising out of the violation of a penal statute or ordinance relating to the sale of pharmaceuticals committed by, or with the knowledge or consent of, the insured.

5. The following is added to the **DEFINITIONS** Section:

   "Incidental medical services" means:

   a. Medical, surgical, dental, laboratory, x-ray or nursing service or treatment, advice or instruction, or the related furnishing of food or beverages; or

   b. The furnishing or dispensing of drugs or medical, dental, or surgical supplies or appliances.

6. The following is added to Paragraph **4.b.**, **Excess Insurance**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

   This insurance is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to any of your "employees" for "bodily injury" that arises out of providing or failing to provide "incidental medical services" to any person to the extent not subject to Paragraph **2.a.(1)** of Section II – Who Is An Insured.

D. BLANKET WAIVER OF SUBROGATION

The following is added to Paragraph **8.**, **Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

If the insured has agreed in a contract or agreement to waive that insured's right of recovery against any person or organization, we waive our right of recovery against such person or organization, but only for payments we make because of:

a. "Bodily injury" or "property damage" that occurs; or

b. "Personal and advertising injury" caused by an offense that is committed;

subsequent to the execution of the contract or agreement.

E. CONTRACTUAL LIABILITY – RAILROADS

1. The following replaces Paragraph **c.** of the definition of "insured contract" in the **DEFINITIONS** Section:

   c. Any easement or license agreement;

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2. Paragraph **f.(1)** of the definition of "insured contract" in the **DEFINITIONS** Section is deleted.

F. DAMAGE TO PREMISES RENTED TO YOU

The following replaces the definition of "premises damage" in the **DEFINITIONS** Section:

"Premises damage" means "property damage" to:

a. Any premises while rented to you or temporarily occupied by you with permission of the owner; or

b. The contents of any premises while such premises is rented to you, if you rent such premises for a period of seven or fewer consecutive days.

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BUSINESS AUTO EXTENSION ENDORSEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

GENERAL DESCRIPTION OF COVERAGE – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to the Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

A. BROAD FORM NAMED INSURED
B. BLANKET ADDITIONAL INSURED
C. EMPLOYEE HIRED AUTO
D. EMPLOYEES AS INSURED
E. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS
F. HIRED AUTO – LIMITED WORLDWIDE COVERAGE – INDEMNITY BASIS
G. WAIVER OF DEDUCTIBLE – GLASS
H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT
I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT
J. PERSONAL PROPERTY
K. AIRBAGS
L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS
M. BLANKET WAIVER OF SUBROGATION
N. UNINTENTIONAL ERRORS OR OMISSIONS

PROVISIONS

A. BROAD FORM NAMED INSURED

The following is added to Paragraph **A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

Any organization you newly acquire or form during the policy period over which you maintain 50% or more ownership interest and that is not separately insured for Business Auto Coverage. Coverage under this provision is afforded only until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier.

B. BLANKET ADDITIONAL INSURED

The following is added to Paragraph c. in **A.1., Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

C. EMPLOYEE HIRED AUTO

1. The following is added to Paragraph A.1., **Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

   An "employee" of yours is an "insured" while operating an "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

2. The following replaces Paragraph b. in **B.5., Other Insurance**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

   b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

      (1) Any covered "auto" you lease, hire, rent or borrow; and

      (2) Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your

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permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

D. EMPLOYEES AS INSURED

The following is added to Paragraph **A.1., Who Is An Insured,** of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

E. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS

1. The following replaces Paragraph **A.2.a.(2),** of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

   (2) Up to $3,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.

2. The following replaces Paragraph **A.2.a.(4),** of **SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

   (4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to $500 a day because of time off from work.

F. HIRED AUTO – LIMITED WORLDWIDE COVERAGE – INDEMNITY BASIS

The following replaces Subparagraph **(5)** in Paragraph **B.7., Policy Period, Coverage Territory,** of **SECTION IV – BUSINESS AUTO CONDITIONS:**

(5) Anywhere in the world, except any country or jurisdiction while any trade sanction, embargo, or similar regulation imposed by the United States of America applies to and prohibits the transaction of business with or within such country or jurisdiction, for Covered Autos Liability Coverage for any covered "auto" that you lease, hire, rent or borrow without a driver for a period of 30 days or less and that is not an "auto" you lease, hire, rent or borrow from any of your "employees", partners (if you are a partnership), members (if you are a limited liability company) or members of their households.

(a) With respect to any claim made or "suit" brought outside the United States of America, the territories and possessions of the United States of America, Puerto Rico and Canada:

   (i) You must arrange to defend the "insured" against, and investigate or settle any such claim or "suit" and keep us advised of all proceedings and actions.

   (ii) Neither you nor any other involved "insured" will make any settlement without our consent.

   (iii) We may, at our discretion, participate in defending the "insured" against, or in the settlement of, any claim or "suit".

   (iv) We will reimburse the "insured" for sums that the "insured" legally must pay as damages because of "bodily injury" or "property damage" to which this insurance applies, that the "insured" pays with our consent, but only up to the limit described in Paragraph C., Limits Of Insurance, of SECTION II – COVERED AUTOS LIABILITY COVERAGE.

   (v) We will reimburse the "insured" for the reasonable expenses incurred with our consent for your investigation of such claims and your defense of the "insured" against any such "suit", but only up to and included within the limit described in Paragraph C., Limits Of Insurance, of SECTION II – COVERED AUTOS LIABILITY COVERAGE, and not in addition to such limit. Our duty to make such payments ends when we have used up the applicable limit of insurance in payments for damages, settlements or defense expenses.

(b) This insurance is excess over any valid and collectible other insurance available to the "insured" whether primary, excess, contingent or on any other basis.

(c) This insurance is not a substitute for required or compulsory insurance in any country outside the United States, its territories and possessions, Puerto Rico and Canada.

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You agree to maintain all required or compulsory insurance in any such country up to the minimum limits required by local law. Your failure to comply with compulsory insurance requirements will not invalidate the coverage afforded by this policy, but we will only be liable to the same extent we would have been liable had you complied with the compulsory insurance requirements.

(d) It is understood that we are not an admitted or authorized insurer outside the United States of America, its territories and possessions, Puerto Rico and Canada. We assume no responsibility for the furnishing of certificates of insurance, or for compliance in any way with the laws of other countries relating to insurance.

G. WAIVER OF DEDUCTIBLE – GLASS

The following is added to Paragraph **D., Deductible**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

No deductible for a covered "auto" will apply to glass damage if the glass is repaired rather than replaced.

H. HIRED AUTO PHYSICAL DAMAGE – LOSS OF USE – INCREASED LIMIT

The following replaces the last sentence of Paragraph **A.4.b., Loss Of Use Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

However, the most we will pay for any expenses for loss of use is $65 per day, to a maximum of $750 for any one "accident".

I. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT

The following replaces the first sentence in Paragraph **A.4.a., Transportation Expenses**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

We will pay up to $50 per day to a maximum of $1,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type.

J. PERSONAL PROPERTY

The following is added to Paragraph **A.4., Coverage Extensions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

Personal Property

We will pay up to $400 for "loss" to wearing apparel and other personal property which is:

(1) Owned by an "insured"; and

(2) In or on your covered "auto".

This coverage applies only in the event of a total theft of your covered "auto".

No deductibles apply to this Personal Property coverage.

K. AIRBAGS

The following is added to Paragraph **B.3., Exclusions**, of **SECTION III – PHYSICAL DAMAGE COVERAGE:**

Exclusion **3.a.** does not apply to "loss" to one or more airbags in a covered "auto" you own that inflate due to a cause other than a cause of "loss" set forth in Paragraphs **A.1.b.** and **A.1.c.**, but only:

a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;

b. The airbags are not covered under any warranty; and

c. The airbags were not intentionally inflated.

We will pay up to a maximum of $1,000 for any one "loss".

L. NOTICE AND KNOWLEDGE OF ACCIDENT OR LOSS

The following is added to Paragraph **A.2.a.**, of **SECTION IV – BUSINESS AUTO CONDITIONS:**

Your duty to give us or our authorized representative prompt notice of the "accident" or "loss" applies only when the "accident" or "loss" is known to:

(a) You (if you are an individual);

(b) A partner (if you are a partnership);

(c) A member (if you are a limited liability company);

(d) An executive officer, director or insurance manager (if you are a corporation or other organization); or

(e) Any "employee" authorized by you to give notice of the "accident" or "loss".

M. BLANKET WAIVER OF SUBROGATION

The following replaces Paragraph **A.5., Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – BUSINESS AUTO CONDITIONS:**

5. Transfer Of Rights Of Recovery Against Others To Us

We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract signed and executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of operations contemplated by

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such contract. The waiver applies only to the person or organization designated in such contract.

N. UNINTENTIONAL ERRORS OR OMISSIONS

The following is added to Paragraph **B.2., Concealment, Misrepresentation, Or Fraud**, of **SECTION IV – BUSINESS AUTO CONDITIONS:**

The unintentional omission of, or unintentional error in, any information given by you shall not prejudice your rights under this insurance. However this provision does not affect our right to collect additional premium or exercise our right of cancellation or non-renewal.

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TRAVELERS

WORKERS COMPENSATION
AND
EMPLOYERS LIABILITY POLICY

ENDORSEMENT WC 00 03 13 (00) -

POLICY NUMBER: UB-0L885841-19-25-D

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit any one not named in the Schedule.

SCHEDULE

DESIGNATED PERSON:

DESIGNATED ORGANIZATION:

ANY PERSON OR ORGANIZATION FOR WHICH THE INSURED HAS AGREED BY WRITTEN CONTRACT EXECUTED PRIOR TO LOSS TO FURNISH THIS WAIVER.

DATE OF ISSUE: 12-27-19 ST ASSIGN:

POLICY NUMBER: VTC2K-CO-3K992299-IND-19

COMMERCIAL GENERAL LIABILITY
ISSUE DATE: 12-23-2019

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

OTHER INSURANCE – DESIGNATED ADDITIONAL INSURED

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE OF DESIGNATED ADDITIONAL INSURED

Designated Additional Insured:

Any person or organization that qualifies as an additional insured under such other endorsement to this Coverage Part, if you agree in a written contract to include such person or organization as an additional insured on this Coverage Part and such written contract:

a. Specifically requires that this insurance apply on a primary basis or a primary and non-contributory basis; and

b. Was signed and executed by you before, and is in effect when, the "bodily injury" or "property damage" occurs or the "personal injury" or "advertising injury" offense is committed.

PROVISIONS

The insurance provided by another endorsement to this Coverage Part to the designated additional insured shown in the Schedule Of Designated Additional Insured is primary to other insurance available to that person or organization under which that person or organization qualifies as a named insured, and we will not share with that other insurance. However, the insurance provided to such designated additional insured by that

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THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

POLLUTION LIABILITY – BROADENED COVERAGE FOR COVERED AUTOS – BUSINESS AUTO AND MOTOR CARRIER COVERAGE FORMS

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

A. Covered Autos Liability Coverage is changed as follows:

1. Paragraph **a.** of the **Pollution** Exclusion applies only to liability assumed under a contract or agreement.
2. With respect to the coverage afforded by Paragraph **A.1.** above, Exclusion **B.6. Care, Custody Or Control** does not apply.

B. Changes In Definitions

For the purposes of this endorsement, Paragraph **D.** of the **Definitions** Section is replaced by the following:

D. "Covered pollution cost or expense" means any cost or expense arising out of:

1. Any request, demand, order or statutory or regulatory requirement that any "insured" or others test for, monitor, clean up, remove, contain, treat, detoxify or neutralize, or in any way respond to, or assess the effects of "pollutants"; or
2. Any claim or "suit" by or on behalf of a governmental authority for damages because of testing for, monitoring, cleaning up, removing, containing, treating, detoxifying or neutralizing, or in any way responding to or assessing the effects of "pollutants".

"Covered pollution cost or expense" does not include any cost or expense arising out of the actual, alleged or threatened discharge, dispersal, seepage, migration, release or escape of "pollutants":

a. Before the "pollutants" or any property in which the "pollutants" are contained are moved from the place where they are accepted by the "insured" for movement into or onto the covered "auto"; or

b. After the "pollutants" or any property in which the "pollutants" are contained are moved from the covered "auto" to the place where they are finally delivered, disposed of or abandoned by the "insured".

Paragraphs **a.** and **b.** above do not apply to "accidents" that occur away from premises owned by or rented to an "insured" with respect to "pollutants" not in or upon a covered "auto" if:

(1) The "pollutants" or any property in which the "pollutants" are contained are upset, overturned or damaged as a result of the maintenance or use of a covered "auto"; and

(2) The discharge, dispersal, seepage, migration, release or escape of the "pollutants" is caused directly by such upset, overturn or damage.

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other endorsement is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to that person or organization which covers that person or organization as an additional insured or as any other insured that does not qualify as a named insured.

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CONSTRUCTION INSURANCE
CERTIFICATE OF INSURANCE

TYPE:	Construction "All Risks" and Existing Property, Handed-over Property, Property in the Care, Custody or Control of the Insured.
POLICY NUMBER:	CAR700155
INSURED:	The Illinois State Toll Highway Authority (ISTHA)
PRINCIPAL/OWNER:	Judlau Contracting Inc.
PERIOD:	January 23, 2020 to November 23, 2021, 12:01 AM, both days Local Standard Time at Insured Contract Site.
INTEREST:	
LIMITS:	SECTION I – BUILDERS' "ALL RISK" $64,352,559 being the Estimated Contract Value. SECTION II – EXISTING PROPERTY Not Applicable SECTION III – CONTRACTORS PARTS AND MACHINERY Not Applicable
SITUATION:	Contract #: 1-19-4464; I-57 Roadway and Bridge Widening (Kedzie Ave to CSX RR) CD Roads A & C I-294 Ramp Construction and Ramp L Toll Plaza Road
DESCRIPTION OF PROJECT:	Improvements to be Constructed under this contract shall be performed along the I-294 Tollway Between Mile Post 7.0 and Mile Post 8.5 and along Interstate 57 (IDOT Jurisdiction), Between Mile post 349.2 and Mile Post 350.6 Cook County, Illinois.

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12.) All other appurtenant and miscellaneous construction shown on the plans and within these special provisions.

The following work will require design by the contractor as it is included in this contract as a performance specification:

1.) Mechanically Stabilized Earth Retaining Wall
2.) Mechanically Stabilized Earth Retaining Wall, Special

SUB-LIMIT(S):

FLOOD: Annual aggregate of: TBA

NAMED WINDSTORM: Annual aggregate limit: TBA

DEBRIS REMOVAL: $TBA any one occurrence and in the aggregate (as per contractual requirement)

DEDUCTIBLES:

SECTION I – BUILDERS' "ALL RISK"

A) $40,000 with relevance to Flood;
B) $40,000 with relevance to storm, tempest, and water damage, subsidence, collapse, earthquake and faulty design, and workmanship or materials;
C) $16,500 each and every other loss for others.

SECTION II – EXISTING PROPERTY

Not Applicable

SECTION III – CONTRACTORS PARTS AND MACHINERY

Not Applicable

CHOICE OF LAW AND JURISDICTION:

In the event of a dispute between the insured and the insurer the Policy will be subject to Law and Jurisdiction of Illinois.

NOMINATED LOSS ADJUSTER(S):

To be agreed by Generali

NON-ADMITTED PROVISION:

Please be advised that this insurance will be issued by a surplus lines Insurer. You warrant that a properly licensed Surplus Lines Broker is involved in the transaction as required by state law and below is responsible for adding the quoted and bound premium any state taxes or fees as required by such law. Any surplus lines taxes or fees are in addition to the premium quoted above. The Surplus Lines Broker may also add reasonable fees for services provided by them, which shall be separately shown and described on any quotation to an Insured and not to exceed 10% of premium inclusive of commissions noted elsewhere in this proposal. The Broker is further responsible for all filings with any state regulatory body, including but not limited to copies of quotations, binders or policy declarations or policies; procurement affidavits or other affidavits; tax summaries; taxes; and fees. The Non-Admitted and Reinsurance

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Reform Act requires the determinations of the Named Insured's home state. Please sign and return the attached Statement of Producer form.

PREMIUM: TBD



UNDERWRITER SIGNATURE

12/26/19
DATE

AON RISK SERVICES

January 9, 2020

Illinois Tollway
2700 Ogden Avenue
Downers Grove, IL 60515

REF: ISTHA I-19-4464 Roadway Rehabilitation and Widening

To whom it may concern,

As the authorized insurance broker for Judlau Contracting, Inc. and as the binding broker for the insurance company; Aon Risk Services Northeast, Inc. can confirm the following;

- All provisions of the accepted certificates of insurance and policy binders have been obtained.
- All endorsements indicated have been secured from the insurance carrier.

If you have any questions regarding or require additional information, please feel free to contract us.

Sincerely,

AON RISK SOLUTIONS

[redacted]

Brian Pearsall
Senior Vice President
Construction Services Group

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