

## RESOLUTION NO. 21790

**Background**

The Illinois State Toll Highway Authority ("Tollway"), pursuant to Resolution No. 21395 approved October 26, 2017, entered into an Agreement with HDR Engineering, Inc. on Contract I-17-4296 for Design Services, on the Tri-State Tollway (I-294), from Mile Post 17.8 (95th Street) to Mile Post 20.7 (LaGrange Road).

Per Tollway request, HDR Engineering, Inc. has submitted a proposal to provide Supplemental Design Services for Contract I-17-4296, increasing the contract upper limit by \$2,947,728.00, from \$16,010,435.51 to \$18,958,163.51. It is necessary and in the best interest of the Tollway to accept the proposal from HDR Engineering, Inc.

**Resolution**

The Chief Engineering Officer is authorized to negotiate a Supplemental Agreement with HDR Engineering, Inc. consistent with the aforementioned proposal to increase the contract upper limit by \$2,947,728.00, subject to the approval of the General Counsel. The Chairman or the Acting Executive Director is authorized to execute the Agreement and the Chief Financial Officer is authorized to issue warrants in payment thereof.

Approved by:

  
Chairman

DESIGN SECTION ENGINEER  
FIRST SUPPLEMENTAL AGREEMENT

The Board of Directors, on the 18<sup>th</sup> day of **April, 2019**, authorized this **FIRST SUPPLEMENTAL AGREEMENT** to be entered into by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY, an instrumentality and administrative agency of the State of Illinois, hereinafter sometimes referred to as "TOLLWAY", and **HDR ENGINEERING, INC.**, a **corporation** authorized and existing within the laws of the State of Illinois, hereinafter sometimes referred to as "DESIGN SECTION ENGINEER".

W I T N E S S E T H:

WHEREAS, the TOLLWAY selected the DESIGN SECTION ENGINEER from **PSB 17-3, Item 1**, and DESIGN SECTION ENGINEER entered into an agreement on **October 26<sup>th</sup>, 2017**, to provide design section engineering services (hereinafter "Services") for Contract No. **I-17-4296** for **Tri-State Tollway, Roadway Reconstruction, 95<sup>th</sup> Street (Mile Post 17.8) to LaGrange Road (Mile Post 20.7)**; and

WHEREAS, additional supplemental Services are necessary due to the increased scope of the work; and

WHEREAS, DESIGN SECTION ENGINEER has submitted a proposal dated **April 17, 2019**, a copy of which is attached hereto as Exhibit "1", to provide said additional Services, and it is in the best interest of the TOLLWAY to accept said proposal.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties hereto mutually covenant and agree as follows:

ARTICLE I

General Provisions

Except as modified or changed herein, all terms, provisions and conditions contained in the original agreement between the TOLLWAY and the DESIGN SECTION ENGINEER dated **October 26<sup>th</sup>, 2017** ("Original Agreement") and commonly referred to as Contract No. **I-17-4296**, shall govern this agreement and be in full force and effect, however, any changes to multipliers, unit costs, prices and/or rates of compensation shall only be applied to Services rendered solely under this Supplement pursuant to changes in the scope of work. The supplemental proposal attached as Exhibit "1" is hereby made a part of this Supplemental Agreement.

**Item # 1:** I-17-4296 This professional service contract supplement is for additional design services associated with the roadway reconstruction and widening on the Central Tri-State Tollway. This supplement provides additional design for necessary interchange revisions at Archer Ave via coordination with IDOT, reconstruction of bridges over 87th Street and Roberts Road to improve construction staging and reduce long term maintenance, additional retaining walls to minimize potential for construction delays, and noise abatement walls based on recent noise study. The original contract was solicited on PSB 17-3 on 3/28/17 IPB #22040482 and approved by the Tollway Board on 10/26/2017 via Board Resolution #21395. This 1st supplement will increase the contract upper limit by \$2947728.00. 2BA - Approved

NIGP Code: **912-00**  
CONSTRUCTION SERVICES, GENERAL, INCLUDING MAINTENANCE AND REPAIR SERVICES)

Qty	Unit Cost	UOM	Total Discount Amt.	Tax Rate	Tax Amount	Total Cost
1.0	\$2,947,728.00	EA - Each	\$0.00		\$0.00	\$2,947,728.00

Manufacturer: \_\_\_\_\_ Brand: \_\_\_\_\_ Model: \_\_\_\_\_  
 Make: \_\_\_\_\_ Packaging: \_\_\_\_\_  
 Additional NIGP Code: \_\_\_\_\_

Account Code	Amount
NOT APPLICABLE-----	\$2,947,728.00

Will Federal Funds be used? : If yes, please provide the CFDA # :  
 Will a Grant Funding Source be used? : No

Pre-Bid Approval Path:

**Approval Path - 557APO001 - ( APO/Sourcing )**

Delete	Order Sequence	Approver	Alternate Approver	Level	Date Requested	Date	Action	Comments
	1	John Donato		1	04/19/2019 11:37 AM	04/19/2019 06:00 PM	Approved (John Donato)	

**Approval Path - SPOBID014 - ( SPO Bid & Bid Tab Approval )**

Delete	Order Sequence	Approver	Alternate Approver	Level	Date Requested	Date	Action	Comments
	2	David Papp	Eleanor Curcuro	1	04/19/2019 06:00 PM	04/19/2019 08:22 PM	Approved (Eleanor Curcuro)	Notice of Award. ✓

Bid Award Approval Path:

**Approval Path - 557APO001 - ( APO/Sourcing )**

Delete	Order Sequence	Approver	Alternate Approver	Level	Date Requested	Date	Action	Comments
	1	John Donato		1	04/22/2019 09:39 AM	04/23/2019 10:03 AM	Approved (John Donato)	

**Approval Path - SPOBID014 - ( SPO Bid & Bid Tab Approval )**

Delete	Order Sequence	Approver	Alternate Approver	Level	Date Requested	Date	Action	Comments
	2	David Papp	Eleanor Curcuro	1	04/23/2019 10:03 AM	04/23/2019 10:12 AM	Approved (Eleanor Curcuro)	Bid tab approval for professional service contract supplement.

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CLOSE WINDOW

1-17-4296

[Print](#)

### Business & Contact Information

BUSINESS NAME	<b>Orion Engineers, LLC</b>	
OWNER	MR. CHARLES FRANGOS	
ADDRESS	220 N Green Street Chicago, IL 60607	<a href="#">Map This Address</a>
PHONE	312-544-9108	
EMAIL	<a href="mailto:cfrangos@orionengineersllc.com">cfrangos@orionengineersllc.com</a>	
WEBSITE	<a href="http://www.orionengineersllc.com">http://www.orionengineersllc.com</a>	
ETHNICITY	Caucasian	
GENDER	Male	
COUNTY	Cook (IL)	

### Certification Information

CERTIFYING AGENCY	State of Illinois Central Management Services
CERTIFICATION TYPE	VOSB - Veteran Owned Small Business
RENEWAL DATE	7/16/2019
EXPIRATION DATE	7/16/2020
CERTIFIED BUSINESS DESCRIPTION	Civil Engineering, General Construction: Management, Scheduling, Cost Estimation - Engineering, Highways, Streets, Airport Pay-Parking Lots - Engineering, Land Development and Planning/Engineering, Municipal Engineering, Traffic and Transportation Engineering, Erosion Control Services

### Commodity Codes

Code	Description
NIGP 92517	Civil Engineering
NIGP 92544	General Construction: Management, Scheduling, Cost Estimation Engineering



1-17-4296

Orion

NIGP 92549	Highways, Streets, Airport Pay-Parking Lots Engineering
NIGP 92561	Land Development and Planning Engineering
NIGP 92570	Municipal Engineering
NIGP 92593	Traffic and Transportation Engineering
NIGP 98814	Erosion Control Services

<b>Additional Information</b>	
REGION	Metro Chicago

117-4296

# Unified Certification Program - Search

[Contractor Details](#)[Browse F.A.Q. Sheet \(/UCP/Search/Help\)](#)[Print](#)**American Surveying  
& Engineering, P.C.**

Coventine Fidis  
150 N. Wacker Dr., Ste.  
2650  
Chicago, IL 60606

**County:** Cook**Email:** [c.fidis@americansurvey.com](mailto:c.fidis@americansurvey.com)**Phone:** (312) 277-2000**Fax:** (312) 277-2002**Categories:** Architecture\Engineering, Construction,  
Professional

1-17-4296

*American Surveying*

NAICS	Speciality
238910-Site Preparation Contractors	238910- MISC: CONSTRUCTION LAYOUT AND STAKING
531210-Offices of Real Estate Agents and Brokers	531210- MISC: REAL ESTATE NEGOTIATOR
531320-Offices of Real Estate Appraisers	531320- REAL ESTATE APPRAISAL
541320-Landscape Architectural Services	541320- URBAN PLANNING
541330-Engineering Services	541330- CONSTRUCTION INSPECTION
541370-Surveying & Mapping (except Geophysical) Serv.	ROADS AND STREETS FREEWAYS LOCATION DRAINAGE
541620-Environmental Consultant Services	WATERWAYS: COMPLEX WATERWAYS: TYPICAL
541690-Other Scientific & Technical Consulting	SUBSURFACE UTILITY ENGINEERING 541370- SURVEYING 541620- ENVIRONMENTAL ASSESSMENT ENVIRONMENTAL IMPACT STATEMENTS SANITARY ENGINEERING 541690- TECHNICAL TRAINING

1-17-4296

# Unified Certification Program - Search

**Contractor Details**

[Browse F.A.Q. Sheet \(/UCP/Search/Help\)](#)

[Print](#)

**EFK Moen, LLC**      **Email:** llmoen@efkmoen.com  
 Linda Moen      **Phone:** (618) 206-4250  
 303 Fountains Pkwy., Ste. 240      **Fax:** (618) 206-4253  
 Fairview Heights, IL  
 62208

**County:**

Out-of-State

**Categories:** Architecture\Engineering

<b>NAICS</b>	<b>Speciality</b>
541330-Engineering Services	541330- HIGHWAY STRUCTURE: TYPICAL
541370-Surveying & Mapping (except Geophysical) Serv.	REHABILITATION STUDIES: FEASIBILITY STUDIES: SAFETY STUDIES: TRAFFIC FREEWAYS SUBSURFACE UTILITY ENGINEERING RECONSTRUCTION/MAJOR REHABILITATION LOCATION DRAINAGE HIGHWAY STRUCTURE: SIMPLE ROADS AND STREETS WATERWAYS: TYPICAL TRAFFIC SIGNALS CONSTRUCTION INSPECTION NEW CONSTRUCTION/MAJOR RECONSTRUCTION 541370- SURVEYING

1-17-4296

# Unified Certification Program - Search

**Contractor Details**

[Browse F.A.Q. Sheet \(/UCP/Search/Help\)](#)

Print

## **Quigg Engineering Inc.**

Mohammed Saleem  
2351 S. Dirksen Pkwy.  
Springfield, IL 62703

**County:** Sangamon

**Email:** [lquigg@quiggengineering.com](mailto:lquigg@quiggengineering.com)

**Phone:** (217) 670-0563

**Fax:** (217) 679-2204

**Categories:** Architecture\Engineering

1-17-4296  
Quigg

<b>NAICS</b>	<b>Speciality</b>
541330-Engineering Services	541330- FREEWAYS AERONAUTICS: DESIGN
541370-Surveying & Mapping (except Geophysical) Serv.	HYDRAULIC REPORTS - PUMP STATIONS TRAFFIC SIGNALS
541620-Environmental Consultant Services	RECONSTRUCTION/MAJOR REHABILITATION REHABILITATION STUDIES: FEASIBILITY STUDIES: TRAFFIC STUDIES: SAFETY LOCATION DRAINAGE ROADS AND STREETS NEW CONSTRUCTION/MAJOR RECONSTRUCTION AERONAUTICS: CONSTRUCTION INSPECTION AERONAUTICS: PLANNING & SPECIAL SERVICES WATERWAYS: TYPICAL HIGHWAY STRUCTURE: TYPICAL HIGHWAY STRUCTURE: ADVANCED TYPICAL HIGHWAY STRUCTURE: SIMPLE CONSTRUCTION INSPECTION
	541370- SURVEYING
	541620- ENVIRONMENTAL ASSESSMENT



1-17-4296

# Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

**SE3, LLC**

**Email:** vstewart@se3.us

Vernal Stewart

**Phone:** 630-641-9900

230 SW Main St. Ste. 213

**Fax:** 708-469-2566

Lee's Summit, MO

64063-0000

**County:** Jackson

**Categories:** Architecture\Engineering, Professional

**NAICS**

**Speciality**

541330 - Engineering services

541330 - Freeways, Roads and Streets, Traffic Signals,

541512 - Computer Systems Design Services

Studies: Traffic and Safety, Reconstruction/Major

541611 - Administrative Management and General

Rehabilitation, Rehabilitation and Construction Inspection

Management Consulting Services

541611 - Program Management, Program Controls

541512 - Systems Design/Deployment

1-17-4296

# Unified Certification Program - Search

Contractor Details

Browse F.A.Q. Sheet (/UCP/Search/Help)

Print

**Singh & Associates, Inc.** Email: hkaur@singhinc.com

**Phone:** (312)-629-0240

Sadhu Singh Rikhiraj **Fax:** (312)-629-8449

230 W. Monroe St., Ste.

1400

Chicago, IL 60606

**County:** Cook

**Categories:** Architecture\Engineering

**NAICS**

541330-Engineering Services

**Speciality**

- 541330- LOCATION
- DRAINAGE
- CONSTRUCTION
- INSPECTION
- FREEWAYS
- ROADS AND STREETS
- REHABILITATION
- STUDIES: TRAFFIC
- STUDIES: FEASIBILITY
- STUDIES: SAFETY
- WATERWAYS: COMPLEX
- WATERWAYS: TYPICAL
- LIGHTING: TYPICAL
- LIGHTING: COMPLEX
- ELECTRICAL ENGINEERING
- MECHANICAL ENGINEERING
- TRAFFIC SIGNALS

## OFFICE OF THE ILLINOIS SECRETARY OF STATE

**JESSE WHITE**  
SECRETARY OF STATE



## CORPORATION FILE DETAIL REPORT

File Number	53886078		
Entity Name	HDR ENGINEERING, INC.		
Status	ACTIVE		
Entity Type	CORPORATION	Type of Corp	FOREIGN BCA
Qualification Date (Foreign)	06/24/1985	State	NEBRASKA
Agent Name	C T CORPORATION SYSTEM	Agent Change Date	06/24/1985
Agent Street Address	208 SO LASALLE ST, SUITE 814	President Name & Address	CHARLES L O'REILLY 21 CARLSON WAY WOBURN MA 01801
Agent City	CHICAGO	Secretary Name & Address	JODY K DEBS 1142 S VINE ST DENVER CO 80210
Agent Zip	60604	Duration Date	PERPETUAL
Annual Report Filing Date	06/05/2018	For Year	2018
Old Corp Name	11/23/1987 - HDR INFRASTRUCTURE, INC.		

[Return to the Search Screen](#)
[Purchase Certificate of Good Standing](#)

**(One Certificate per Transaction)**

BACK TO CYBERDRIVEILLINOIS.COM HOME PAGE

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

13:03 04/12/19

ACTION: S

VENDOR NUMBER= \*\*\*\*

OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 04/12/19 AT 13:49 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER \*\*\*\* 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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VENDOR NAME: \*

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CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

## DISCLAIMER:

AS OF 04/12/19 AT 13:50 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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CLAIMING AGENCY NAME: \*

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DISCLAIMER:

AS OF 04/12/19 AT 13:50 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER \*\*\*\* 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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VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 04/12/19 AT 13:51 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER \*\*\* 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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VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 04/12/19 AT 13:52 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER \*\*\* 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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DISCLAIMER:

AS OF 04/12/19 AT 13:53 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER \*\*\* 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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CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 04/12/19 AT 13:53 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER \*\*\*\* 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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CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 04/12/19 AT 13:55 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER \*\*\*\* 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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VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 04/12/19 AT 13:55 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



DESIGN SECTION ENGINEER  
FIRST SUPPLEMENTAL AGREEMENT

The Board of Directors, on the **18<sup>th</sup>** day of **April, 2019**, authorized this **FIRST SUPPLEMENTAL AGREEMENT** to be entered into by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY, an instrumentality and administrative agency of the State of Illinois, hereinafter sometimes referred to as "TOLLWAY", and **HDR ENGINEERING, INC.**, a **corporation** authorized and existing within the laws of the State of Illinois, hereinafter sometimes referred to as "DESIGN SECTION ENGINEER".

W I T N E S S E T H:

WHEREAS, the TOLLWAY selected the DESIGN SECTION ENGINEER from **PSB 17-3, Item 1**, and DESIGN SECTION ENGINEER entered into an agreement on **October 26<sup>th</sup>, 2017**, to provide design section engineering services (hereinafter "Services") for Contract No. **I-17-4296** for **Tri-State Tollway, Roadway Reconstruction, 95<sup>th</sup> Street (Mile Post 17.8) to LaGrange Road (Mile Post 20.7)**; and

WHEREAS, additional supplemental Services are necessary due to the increased scope of the work; and

WHEREAS, DESIGN SECTION ENGINEER has submitted a proposal dated **April 17, 2019**, a copy of which is attached hereto as Exhibit "1", to provide said additional Services, and it is in the best interest of the TOLLWAY to accept said proposal.

NOW, THEREFORE, in consideration of the mutual covenants hereinafter contained, the parties hereto mutually covenant and agree as follows:

ARTICLE I

General Provisions

Except as modified or changed herein, all terms, provisions and conditions contained in the original agreement between the TOLLWAY and the DESIGN SECTION ENGINEER dated **October 26<sup>th</sup>, 2017** ("Original Agreement") and commonly referred to as Contract No. **I-17-4296**, shall govern this agreement and be in full force and effect, however, any changes to multipliers, unit costs, prices and/or rates of compensation shall only be applied to Services rendered solely under this Supplement pursuant to changes in the scope of work. The supplemental proposal attached as Exhibit "1" is hereby made a part of this Supplemental Agreement.

## ARTICLE II

### Time of Performance

The DESIGN SECTION ENGINEER shall perform the services herein in accordance with the schedule included at Exhibit "A" in the attached proposal.

## ARTICLE III

### Reaffirmation of Original Agreement

All covenants and agreements contained in the Original Agreement made and entered into by and between the TOLLWAY and DESIGN SECTION ENGINEER and all prior Supplemental Agreements, if any, to provide Services for Contract No. **I-17-4296** for **Tri-State Tollway, Roadway Reconstruction, 95<sup>th</sup> Street (Mile Post 17.8) to LaGrange Road (Mile Post 20.7)** are reaffirmed and shall govern this Agreement as if fully set forth herein, it being the intent that this Agreement shall be a supplement to said agreement(s).

## ARTICLE IV

### Record Retention and Audit

In compliance with the Illinois Procurement Code (30 Ill. Comp. Stat. 500/20-65) and rules promulgated thereunder, every CONTRACT for goods and services shall provide that the contractor shall maintain certain records, books and documents.

The DESIGN SECTION ENGINEER shall maintain in the State of Illinois, for a minimum of five 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 year record maintenance period shall be extended for the duration of any audit in progress at the time of that period's expiration. The DESIGN SECTION ENGINEER 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, the Chief Procurement Officer for General Services, the Illinois Department of Transportation, and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents at all reasonable times and without prior notice. For purposes of this section, "timeliness" will be considered production within the time period specified by the Auditor General and other State Auditors, the Chief Procurement Officer for General Services, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, but no later than thirty days after a request for records being made unless otherwise agreed to by the parties. The DESIGN SECTION ENGINEER agrees to cooperate fully with any audit conducted by the Auditor General and other State Auditors, the Chief Procurement Officer for General Services, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, and to provide full access

to all relevant materials. The auditors reserve the right to enter the DESIGN SECTION ENGINEER's place of business in order to audit the records. If they are not produced in a timely manner by the DESIGN SECTION ENGINEER, then the DESIGN SECTION ENGINEER shall reimburse the TOLLWAY or other State agency for the travel expenses of its auditors in the event that this right is invoked.

The obligations of this Section shall be explicitly included in any subcontracts or agreements formed between the DESIGN SECTION ENGINEER and any subcontractors or suppliers of goods and services to the extent that those subcontracts or agreements relate to fulfillment of the DESIGN SECTION ENGINEER'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 DESIGN SECTION ENGINEER or its subcontractors. The DESIGN SECTION ENGINEER shall promptly reimburse the TOLLWAY for any overpayment, or the TOLLWAY at its option may deduct any overpayment from any funds due the DESIGN SECTION ENGINEER, whether those funds are due under this contract or other contracts to which the DESIGN SECTION ENGINEER is a party either directly with the TOLLWAY or as a subcontractor. In the event the DESIGN SECTION ENGINEER fails or refuses to reimburse the TOLLWAY for an overpayment, the DESIGN SECTION ENGINEER 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 DESIGN SECTION ENGINEER 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 DESIGN SECTION ENGINEER fails to comply with these requirements, the DESIGN SECTION ENGINEER may be disqualified or suspended from bidding on or working on future contracts.

## ARTICLE V

### Compensation

The upper limit of compensation for said supplemental Services for Contract No. **I-17-4296 for Tri-State Tollway, Roadway Reconstruction, 95<sup>th</sup> Street (Mile Post 17.8) to LaGrange Road (Mile Post 20.7)** performed by the DESIGN SECTION ENGINEER under the Original Agreement and including the services set forth herein, is hereby increased from \$ **16,010,435.51** by \$ **2,947,728.00** to \$ **18,958,163.51**.

## ARTICLE VI

### Report of a Change in Circumstances

The DESIGN SECTION ENGINEER 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 DESIGN SECTION ENGINEER'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 DESIGN SECTION ENGINEER's Certification/Disclosure Forms, the DESIGN SECTION ENGINEER's IDOT pre-qualification, or any certification or licensing required for this project. Additionally, the DESIGN SECTION ENGINEER agrees to report to the Tollway within the above timeframe any arrests, indictments, convictions or other matters involving the DESIGN SECTION ENGINEER, 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 DESIGN SECTION ENGINEER agrees to incorporate substantially similar reporting requirements into the terms of any and all subcontracts relating to work performed under this agreement. The DESIGN SECTION ENGINEER agrees to forward or relay to the Tollway any reports received from subcontractors pursuant to this paragraph within 21 days.

Finally, the DESIGN SECTION ENGINEER acknowledges and agrees that the failure of the DESIGN SECTION ENGINEER to comply with this reporting requirement shall constitute a material breach of contract which may result in this contract being declared void.

## ARTICLE VII

### 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.

IN WITNESS WHEREOF, the parties hereto have executed this **FIRST SUPPLEMENTAL AGREEMENT** for **I-17-4296** the day and year first above written.

THE ILLINOIS STATE TOLL  
HIGHWAY AUTHORITY

**HDR ENGINEERING, INC.**

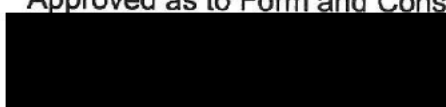
By  6-7-19  
Chair/Executive Director-Signature Date  
Will Evans/José Alvarez

 4/22/19  
President-Signature Date  
Vice President

Thomas Hein  
Printed Name as Signed Above

APPROVED:  
 5/31/19  
Chief Financial Officer - Signature Date  
Michael Colsch

APPROVED:  
 5/24/19  
General Counsel - Signature Date  
Kathleen Pasulka-Brown

Approved as to Form and Constitutionality  
 5-23-19  
Attorney General, State of Illinois - Signature Date



**PROPOSAL  
TO THE  
ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
FOR SUPPLEMENTAL DESIGN SECTION ENGINEER SERVICES**

**FOR CONTRACT NUMBER I-17-4296**

This proposal, dated April 17, 2019, is submitted by HDR Engineering, Inc. of Rosemont, Illinois for Design Section Engineer's Service.

**DESCRIPTION/LOCATION OF DESIGN SECTION**

The location of the construction Contract I-17-4296 for which we propose to provide Design Section Engineering Services is Tri-State Tollway, Roadway Reconstruction, 95th Street (MP 17.8) to LaGrange Road (MP 20.7), in Cook County (Counties), Illinois.

**REAFFIRMATION OF ORIGINAL AGREEMENT**

All terms of the original agreement and any amendments thereto are hereby reaffirmed except as herein modified.

**SCOPE OF SUPPLEMENTAL DESIGN ENGINEERING SERVICES**

The Supplemental Engineering Services, more fully detailed in *Exhibit F*, attached hereto, will be executed in conformance with the terms contained in the original agreement for DESIGN SECTION ENGINEER'S Services except where herein modified.

**FEE PROPOSAL**

The DESIGN SECTION ENGINEER shall be compensated for these Supplemental Engineering Services on the following basis:

**PAYROLL COST TIMES A MULTIPLIER, PLUS REIMBURSEMENT OF  
CERTAIN DIRECT EXPENSES, WITH AN UPPER LIMIT OF COMPENSATION.**

**PAYROLL COSTS AND MULTIPLIER** - During the course of the project, compensation shall be equal to Actual Direct Labor Costs (less overtime premium) multiplied by a factor of 2.80 to compensate for **Payroll Burden and Fringe Costs, Overhead and Miscellaneous Indirect Costs, and Profit**. This factor shall be used for periodic invoicing during the project.



AGREEMENT LIMITS

The following limits contained in the existing agreement are amended as follows:

The Upper Limit Compensation shall be increased

from \$ 16,010,435.51 by \$ 2,947,728.00 to \$ 18,958,163.51.

**RECORD RETENTION AND AUDIT** - In compliance with the Illinois Procurement Code (30 Ill. Comp. Stat. 500/20-65) and rules promulgated thereunder, every CONTRACT for goods and services shall provide that the contractor shall maintain certain records, books and documents.

The DESIGN SECTION ENGINEER shall maintain in the State of Illinois, for a minimum of five 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 year record maintenance period shall be extended for the duration of any audit in progress at the time of that period's expiration. The DESIGN SECTION ENGINEER 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 Illinois Department of Transportation, and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents at all reasonable times and without prior notice. For purposes of this section, "timeliness" will be considered production within the time period specified by the Auditor General and other State Auditors, Chief Procurement Officer, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, but no later than thirty days after a request for records being made unless otherwise agreed to by the parties. The DESIGN SECTION ENGINEER agrees to cooperate fully with any audit conducted by the Auditor General and other State Auditors, Chief Procurement Officer, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, and to provide full access to all relevant materials. The auditors reserve the right to enter the DESIGN SECTION ENGINEER's place of business in order to audit the records. If they are not produced in a timely manner by the DESIGN SECTION ENGINEER, then the DESIGN SECTION ENGINEER shall reimburse the TOLLWAY or other State agency for the travel expenses of its auditors in the event that this right is invoked.

The obligations of this Section shall be explicitly included in any subcontracts or agreements formed between the DESIGN SECTION ENGINEER and any subcontractors or suppliers of goods and services to the extent that those subcontracts or agreements relate to fulfillment of the DESIGN SECTION ENGINEER'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 DESIGN SECTION ENGINEER or its subcontractors. The DESIGN SECTION ENGINEER shall promptly reimburse the TOLLWAY for any overpayment, or the TOLLWAY at its option may deduct any overpayment from any funds due the DESIGN SECTION ENGINEER, whether those funds are due under this contract or other contracts to which the DESIGN SECTION ENGINEER is a party either directly with the TOLLWAY or as a subcontractor. In the event the DESIGN SECTION ENGINEER fails or refuses to reimburse the TOLLWAY for an overpayment, the DESIGN SECTION ENGINEER 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 DESIGN SECTION ENGINEER 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 DESIGN SECTION ENGINEER fails to comply with these requirements, the DESIGN SECTION ENGINEER may be disqualified or suspended from bidding on or working on future contracts.

INVOICES - INVOICES will be submitted monthly on forms provided to the DESIGN SECTION ENGINEER at the start of the project. The invoice cutoff date will coincide with the Monthly Progress Report. All payroll documentation and costs relating to this project will be available for audit by the TOLLWAY upon request.

INVOICES for services performed and expenses incurred through December 31<sup>st</sup> must be submitted to the TOLLWAY no later than February 28<sup>th</sup> of the subsequent year. The DESIGN SECTION ENGINEER expressly acknowledges that the TOLLWAY, at its discretion, reserves the right not to honor any delinquent INVOICE if the DESIGN SECTION ENGINEER fails to obtain prior written approval from the Chief Engineering Officer for an alternative INVOICE submission date. DESIGN SECTION ENGINEER will request such approval or an INVOICE submittal extension no later than February 15<sup>th</sup>.

#### PARTIAL PAYMENTS

Partial payments to the DESIGN SECTION ENGINEER shall be made in accordance with

the terms of the original agreement except that reference to the Total Estimated Fee and Upper Limit of Compensation, shall be interpreted to be the Amended Total Estimated Fee and Amended Upper Limit of Compensation.

REVISIONS TO SUPPLEMENTAL SCOPE OF WORK

The scope of supplemental work shall be as detailed in *Exhibit F*. All requirements of the SCOPE OF WORK contained in the original agreement for services shall apply to this supplemental work as well.

**THIS PROPOSAL FOR SUPPLEMENTAL DESIGN SECTION ENGINEERING  
SERVICES FOR**

**CONTRACT I-17-4296**

**SUBMITTED BY:**

**FIRM NAME:** HDR Engineering, Inc.

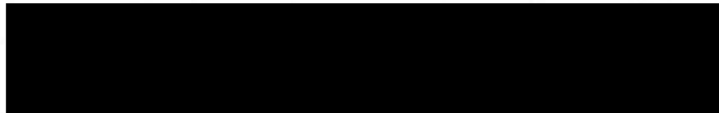
**ADDRESS:** 9450 W. Bryn Mawr Ave, Suite 400

**CITY, STATE &  
ZIP CODE:** Rosemont, IL 60018

**TELEPHONE:** 773-380-7900

**FACSIMILE:** 773-380-7979

**SIGNED BY:**



**PRINTED NAME:** Thomas M. Hein

**TITLE:** Vice President



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/1/2019

4/16/2019

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 Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000	CONTACT NAME:	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL ADDRESS:	
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A: Lexington Insurance Company		19437
INSURER B:		
INSURER C:		
INSURER D:		
INSURER E:		
INSURER F:		

**COVERAGES** CERTIFICATE NUMBER: 15020769 REVISION NUMBER: XXXXXXXX

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.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	<b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR  GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX DAMAGE TO RENTED PREMISES (Ea occurrence) \$ XXXXXXXX MED EXP (Any one person) \$ XXXXXXXX PERSONAL & ADV INJURY \$ XXXXXXXX GENERAL AGGREGATE \$ XXXXXXXX PRODUCTS - COMP/OP AGG \$ XXXXXXXX \$
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident) \$ XXXXXXXX BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX \$
	<b>UMBRELLA LIAB</b> <input type="checkbox"/> OCCUR <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input type="checkbox"/> RETENTIONS			NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX AGGREGATE \$ XXXXXXXX \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	NOT APPLICABLE			PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ XXXXXXXX E.L. DISEASE - EA EMPLOYEE \$ XXXXXXXX E.L. DISEASE - POLICY LIMIT \$ XXXXXXXX
A	ARCH & ENG PROFESSIONAL LIABILITY	N	N	061853691	6/1/2018	6/1/2019	PER CLAIM: \$2,000,000 AGGREGATE: \$2,000,000.

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
I-17-4296 TRI STATE TOLLWAY ROADWAY CONSTRUCTION 95TH STREET MILE POST 17.8 TO LAGRANGE ROAD MILE POST 20.7

**CERTIFICATE HOLDER****CANCELLATION**

15020769  
ILLINOIS STATE TOLL HIGHWAY AUTHORITY  
ATTENTION: E CURCURO  
2700 OGDEN AVE  
DOWNERS GROVE IL 60515

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





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
04/17/2019

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).

<b>PRODUCER</b> Willis Towers Watson Midwest, Inc. fka Willis of Minnesota, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): 1-877-945-7378      FAX (A/C, No): 1-888-467-2378 E-MAIL ADDRESS: certificates@willis.com	
	<b>INSURER(S) AFFORDING COVERAGE</b> NAIC # INSURER A: Liberty Mutual Fire Insurance Company      23035 INSURER B: Liberty Insurance Corporation      42404 INSURER C: INSURER D: INSURER E: INSURER F:	

**COVERAGES**      **CERTIFICATE NUMBER:** W10921769      **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.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY	Y	Y	TB2-641-444950-038	06/01/2018	06/01/2019	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000
	<input checked="" type="checkbox"/> Contractual Liability						MED EXP (Any one person) \$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC						PERSONAL & ADV INJURY \$ 2,000,000
	OTHER:						GENERAL AGGREGATE \$ 4,000,000
							PRODUCTS - COMP/OP AGG \$ 4,000,000
							\$
A	<b>AUTOMOBILE LIABILITY</b>	Y	Y	AS2-641-444950-048	06/01/2018	06/01/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000
	<input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> HIRE D AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY						BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB	Y	Y	TH7-641-444950-068	06/01/2018	06/01/2019	EACH OCCURRENCE \$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$ 2,000,000
	DED RETENTION \$						\$
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>	N/A	Y	WA7-64D-444950-018	06/01/2018	06/01/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate Holder is named as Additional Insured on General Liability, Automobile Liability and Umbrella/Excess Liability on a Primary, Non-contributory basis where required by written contract. Waiver of Subrogation applies on General Liability, Automobile Liability, Umbrella/Excess Liability and Workers Compensation where required by written contract. Umbrella/Excess policy is Follows Form over General Liability, Auto Liability and Employers Liability.

Re: I-17-4296 Tri State Tollway Roadway Construction 95th street mile post 17.8 to LaGrange Road mile post 20.7.

**CERTIFICATE HOLDER**      **CANCELLATION**

Illinois State Toll Highway Authority  
 Attn: E Curcuro  
 2700 Ogden Ave  
 Downers Grove, IL 60515

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

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## DESIGNATED LOCATION(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

### SCHEDULE

Designated Location(s):

**All locations owned by or rented to the Named Insured**

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage A, and for all medical expenses caused by accidents under Section I – Coverage C, which can be attributed only to operations at a single designated "location" shown in the Schedule above:
1. A separate Designated Location General Aggregate Limit applies to each designated "location", and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
  2. The Designated Location General Aggregate Limit is the most we will pay for the sum of all damages under Coverage A, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage C regardless of the number of:
    - a. Insureds;
    - b. Claims made or "suits" brought; or
    - c. Persons or organizations making claims or bringing "suits".
  3. Any payments made under Coverage A for damages or under Coverage C for medical expenses shall reduce the Designated Location General Aggregate Limit for that designated "location". Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Location General Aggregate Limit for any other designated "location" shown in the Schedule above.
  4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Location General Aggregate Limit.

- B. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage A, and for all medical expenses caused by accidents under Section I – Coverage C, which cannot be attributed only to operations at a single designated "location" shown in the Schedule above:
1. Any payments made under Coverage A for damages or under Coverage C for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
  2. Such payments shall not reduce any Designated Location General Aggregate Limit.
- C. When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Location General Aggregate Limit.
- D. For the purposes of this endorsement, the **Definitions** Section is amended by the addition of the following definition:
- "Location" means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway, waterway or right-of-way of a railroad.
- E. The provisions of Section III – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.



THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

## DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

### SCHEDULE

**Designated Construction Project(s):**

**All construction projects not located at premises owned, leased or rented by a Named Insured**

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage A, and for all medical expenses caused by accidents under Section I – Coverage C, which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
  2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under Coverage A, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage C regardless of the number of:
    - a. Insureds;
    - b. Claims made or "suits" brought; or
    - c. Persons or organizations making claims or bringing "suits".
  3. Any payments made under Coverage A for damages or under Coverage C for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.
  4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.

- B. For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage A, and for all medical expenses caused by accidents under Section I – Coverage C, which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. Any payments made under Coverage A for damages or under Coverage C for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
  2. Such payments shall not reduce any Designated Construction Project General Aggregate Limit.
- C. When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.
- D. If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.
- E. The provisions of Section III – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

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

**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" or "personal and 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.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

**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 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.

**C.** With respect to the insurance afforded to these additional insureds, the following is added to **Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

POLICY NUMBER: TB2-641-444950-038

**SCHEDULE**

<b>Name Of Additional Insured Person(s) Or Organization(s)</b>	<b>Location(s) Of Covered Operations</b>
Any person or organization with whom you have agreed, through written contract, agreement or permit to provide additional insured coverage.	Any location where you have agreed, through written contract, agreement or permit, to provide additional insured coverage
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

**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  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

**SCHEDULE**

Name Of Additional Insured Person(s) Or Organization(s)	Location And Description Of Completed Operations
Any person or organization to whom or to which you are required to provide additional insured status in a written contract, agreement or permit except where such contract or agreement is prohibited.	Any location where you have agreed, through written, contract, agreement or permit, to provide additional insured coverage for completed operations.
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" 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".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

**B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:**

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable Limits of Insurance shown in the Declarations;

whichever is less.

This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.

Policy Number TB2-641-444950-038  
Issued by

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**OTHER INSURANCE AMENDMENT – SCHEDULED ADDITIONAL INSURED**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART  
LIQUOR LIABILITY COVERAGE PART

**Schedule**

**Person or Organization:** Where required by written contract.

If you are obligated under a written agreement to provide liability insurance on a primary, excess, contingent, or any other basis for any person or organization shown in the Schedule of this endorsement that qualifies as an additional insured on this policy, this policy will apply solely on the basis required by such written agreement and Paragraph 4. Other Insurance of Section IV - Conditions will not apply. If the applicable written agreement does not specify on what basis the liability insurance will apply, the provisions of Paragraph 4. Other Insurance of Section IV - Conditions will govern. However, this insurance is excess over any other insurance available to the additional insured for which it is also covered as an additional insured by attachment of an endorsement to another policy providing coverage for the same "occurrence", claim or "suit".



**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM  
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 this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

### **SCHEDULE**

**Name Of Person(s) Or Organization(s):**

As required by written contract

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph **A.1.** of Section **II** – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph **D.2.** of Section **I** – Covered Autos Coverages of the Auto Dealers Coverage Form.

Policy Number: AS2-641-444950-048  
Issued by: Liberty Mutual Fire Insurance Co.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**DESIGNATED INSURED - NONCONTRIBUTING**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM  
GARAGE COVERAGE FORM  
MOTOR CARRIERS COVERAGE FORM  
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" under the Who Is An Insured Provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage form.

**Schedule**

**Name of Person(s) or Organizations(s):**

Any person or organization where the Named insured has agreed by written contract to include such person or organization

**Regarding Designated Contract or Project:**

Any

Each person or organization shown in the Schedule of this endorsement is an "insured" for Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured Provision contained in Section II of the Coverage Form.

**The following is added to the Other Insurance Condition:**

If you have agreed in a written agreement that this policy will be primary and without right of contribution from any insurance in force for an Additional Insured for liability arising out of your operations, and the agreement was executed prior to the "bodily injury" or "property damage", then this insurance will be primary and we will not seek contribution from such insurance.



POLICY NUMBER: TB2-641-444950-038

## WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

### SCHEDULE

<b>Name Of Person Or Organization: As required by written contract or agreement</b>
---

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.
--

The following is added to Paragraph 8. **Transfer Of Rights Of Recovery Against Others To Us** of Section IV – Conditions:

We waive any right of recovery we may have against the person or organization shown in the Schedule above because of payments we make for injury or damage arising out of your ongoing operations or "your work" done under a contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule above.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

## **WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM  
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.

### **SCHEDULE**

**Name(s) Of Person(s) Or Organization(s):**

Any person or organization for whom you perform work under a written contract of the contract requires you to obtain this agreement from us but only if the contract is executed prior to the injury or damage occurring.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a contract with that person or organization.

## 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 anyone not named in the Schedule.

Schedule

Where required by contract or written agreement prior to loss.

Issued by:

For attachment to Policy No WA7-64D-444950-018  
\$

Effective Date 6/01/2018

Premium

Issued to:

Policy Number TB2-641-444950-038  
 Issued by LIBERTY MUTUAL FIRE INSURANCE COMPANY

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**NOTICE OF CANCELLATION OR MATERIAL REDUCTION IN COVERAGE TO THIRD PARTIES**

This endorsement modifies insurance provided under the following:

- BUSINESS AUTO COVERAGE PART
- MOTOR CARRIER COVERAGE PART
- GARAGE COVERAGE PART
- TRUCKERS COVERAGE PART
- EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART
- SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART
- COMMERCIAL GENERAL LIABILITY COVERAGE PART
- EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART
- PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
- LIQUOR LIABILITY COVERAGE PART
- COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
As required by written contract or written agreement	As required by written contract or written agreement	30

- A. If we cancel this policy for any reason other than nonpayment of premium, or make a material reduction in coverage, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B. This advance notification of a pending cancellation or material reduction of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

Policy Number AS2-641-444950-048  
Issued by LIBERTY MUTUAL FIRE INSURANCE COMPANY

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**NOTICE OF CANCELLATION OR MATERIAL REDUCTION IN COVERAGE TO THIRD PARTIES**

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART  
MOTOR CARRIER COVERAGE PART  
GARAGE COVERAGE PART  
TRUCKERS COVERAGE PART  
EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART  
SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART  
COMMERCIAL GENERAL LIABILITY COVERAGE PART  
EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART  
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART  
LIQUOR LIABILITY COVERAGE PART  
COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
Per Schedule on File		30

- A. If we cancel this policy for any reason other than nonpayment of premium, or make a material reduction in coverage, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B. This advance notification of a pending cancellation or material reduction of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

**THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.**

**NOTICE OF MATERIAL CHANGE**

We will not make changes that reduce the insurance afforded by this policy until written notice of such reduction has been delivered to those scheduled below at least 30 days before the effective date of the material change to the insurance afforded by this policy.

Our failure to provide notice under this endorsement will not affect the validity of the changes except as it relates to the person or organization listed below.

<u>NAME</u>	<u>ADDRESS</u>
As required by written contract or written agreement	

In no event will the notification be less than the minimum days required for notification by state statute. Notification will be provided to all parties in a manner as required by state statute, if any.

This endorsement is executed by the Liberty Insurance Corporation

Premium:

Effective Date: 6/1/2018 Expiration Date: 6/1/2019

For attachment to Policy No: WA7-64D-444950-018

Countersigned by  Authorized Representative

End. Serial No.

**WC 99 20 15**  
Page 1 of 1  
Ed. 09/01/2010

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**EXHIBIT "1"**  
**Page 24 of 175**

NOTICE OF CANCELLATION TO THIRD PARTIES

- A. If we cancel this policy for any reason other than nonpayment of premium, we will notify the persons or organizations shown in the Schedule below by email as soon as practical after notifying the first Named Insured.
- B. This advance email notification of a pending cancellation of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

SCHEDULE

Name of Other Person(s) / Organization(s):

As required by written contract  
or written agreement

30 Days

All other terms and conditions of this policy remain unchanged.

Issued by

For attachment to Policy No. WA7-64D-444950-018 Effective Date 6/01/2018 Premium \$

Issued to

# Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: HDR Engineering, Inc.

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website



Contract Number: I-17-4296

Consultant: HDR Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												TOTAL HOURS			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Concept Design Verification																
Roadway Plan Production					220	215	210	203	200	200	200	200	200	200	1648	
Proposed Cross Sections/3-D Modeling					40	40	40	40	40	40	40	40	40	40	320	
Barrier Warrant Analysis					16	16	16	16	16	16	16	16	16	16	128	
Maintenance of Traffic Bridge Type Study					16	16	16	16	16	16	16	16	16	16	128	
TSL					68	68	68	68	68	68	68	68	68	68	544	
Bridge Final Design & Plan Production					34	34	34	34	34	34	34	34	34	34	272	
Drainage					272	262	253	253	253	253	253	253	253	253	2052	
Environmental and Invest					20	10	10	10	10	10	10	10	10	10	90	
Agency/GA					8	8	8	8	8	8	8	8	8	8	64	
Meetings & Coordination					16	16	16	16	16	16	16	16	16	16	128	
Project Management					30	30	30	30	30	30	30	30	30	30	240	
QA/QC					29	29	29	29	29	29	29	29	29	29	232	
<b>TOTALS</b>					769	744	730	723	720	720	720	720	720	720	5846	

Grand Total Exhibit A Hours 10,883

Contract Number: I-17-4296

Consultant: HDR Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2020												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Concept Design Verification															
Roadway Plan Production	200	200	200	200	200	200	200								1400
Proposed Cross Sections/3-D Modeling	40	40	40	40	40	40	40								280
Barrier Warrant Analysis	16	16	16	16	16	16	16								112
Maintenance of Traffic Bridge Type Study	16	16	16	16	16	16	16								112
Bridge Type Study	68	68	68	68	68	68	68								476
TSL	34	34	34	34	34	34	34								238
Bridge Final Design & Plan Production	253	253	253	253	252	252	252								1768
Drainage															
Environmental and Invest	10	10	10	10	10	10	10								70
Agency/IGA	8	8	8	8	8	8	8								56
Meetings & Coordination	16	16	16	16	16	16	16								112
Project Management	30	30	30	30	30	30	30								210
QA/QC	29	29	29	29	29	29	29								203
TOTALS	720	720	720	720	719	719	719								5037



Contract No.: I-17-4296 Consultant: HDR Engineering, Inc.

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 15 No. OF MONTHS  
 SCHEDULED START DATE: 5/1/2019  
 RAISE DATE: 1/1/2020  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date
5/1/2019	12/31/2019	1/1/2020	7/31/2020	-
8.0	7.0	15.0	15.0	15.0
53.33%	46.67%	Escalation Factor Third Period		
Factor First Period		Escalation Factor Fourth Period		
Escalation Factor Second Period		Escalation Factor Fifth Period		

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date
-	-	-	-	-
15.0	15.0	15.0	15.0	15.0
Escalation Factor Sixth Period		Escalation Factor Seventh Period		
Escalation Factor Eighth Period		Escalation Factor Ninth Period		
Escalation Factor Tenth Period		Escalation Factor Tenth Period		

The escalation factor for this project is: 100.00%

Contract No.: I-17-4296

Consultant: HDR Engineering, Inc.

Date: 4/17/2019

Escalation Factor: 100.00%  
(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES										DIRECT COST OVERTIME PREMIUM	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Over Time Hours Only) (See Note D to Right)	Total Estimated O/T Hours:		
									Average Premium O/T Hourly Rate:	Total Overtime Premium:	
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	120.00					
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	1,950.00					
No	Senior Engineer/Planner	\$40.00	\$70.00	\$67.20	\$67.20	1,705.00					
No	Resident Engineer	\$40.00	\$70.00								
No	Project Engineer/Planner	\$25.00	\$60.00	\$45.37	\$45.37	2,045.00					
No	Staff Engineer/Planner	\$20.00	\$40.00	\$32.58	\$32.58	3,400.00					
No	Engineer /Accountant	\$20.00	\$60.00	\$51.75	\$51.75	68.00					
No	Senior Technical Specialist	\$25.00	\$60.00	\$55.44	\$55.44	1,050.00					
No	Technical Specialist	\$15.00	\$50.00	\$35.18	\$35.18	470.00					
No	Architect	\$30.00	\$70.00								
No	Realty Specialists	\$20.00	\$70.00								
No	Intern	\$8.25	\$20.00								
No	Admin/Clerical	\$8.25	\$40.00	\$31.22	\$31.22	75.00					
<p style="text-align: center;">Total Estimated Work Hours: 10,883.00</p> <p style="text-align: center;">Average Hourly Rate: \$49.95</p> <p style="text-align: center;">Total Direct Labor \$543,605.85</p>											

Contract No.: I-17-4296

Consultant: HDR Engineering, Inc.

Date: 9/29/2017

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	Principal	Pechnick, Patrick	\$50 - \$70
Project Manager	Project Manager	Hein, Thomas	\$40 - \$70
Senior Engineer/Planner	Senior Civil Engineer II	Bleers, Kendra	\$40 - \$70
	Senior Structural III	Bradley, Bruce	
	Senior Structural IV	Coletti, Domenic	
	Senior Civil Engineer IV	Das, Rajat	
	Senior Civil Engineer IV	Deeley, Joseph	
	Senior Transportation Planner	Degman, Richard	
	Senior Civil Engineer IV	Hein, Thomas	
	Senior Civil Engineer IV	Hymas, Darren	
	Senior Civil Engineer II	Kasper, Matthew	
	Senior Civil Engineer II	Knepler, Lourdes	
	Senior Structural Engineer IV	Kravitz, Barry	
	Senior Civil Engineer IV	Lazzara, John	
	Senior Civil Engineer IV	McAtee, Caahlen	
	Senior Civil Engineer II	McParland, Terra	
	Senior Civil Engineer IV	Merryfield, Maria Del Carmen	
	Senior Structural Technician	Migus, Jacek	
	Senior Civil Engineer IV	Mikottis, Steven	
	Senior Civil Engineer IV	Mitchell, Jennifer	
	Senior Civil Engineer III	Neubauer, Eric	
	Senior Civil Engineer I	Olech, Stephen	
	Senior Civil Engineer II	Parham, Cody	
	Senior Structural Engineer IV	Peterman, Lance	
	Senior Civil Engineer IV	Poepsel, Patrick	
	Senior Structural Engineer IV	Quirin, Michael	
	Senior Structural Engineer III	Refvik, Judie	
	Senior Transportation Planner	Reid, Janice	
	Senior Structural Engineer III	Rivera, Julie	
	Senior Civil Engineer IV	Roszbach, Philip	
	Senior Civil Engineer IV	Sierakowski, David	
	Senior Civil Engineer III	Seyer, John	
	Senior Civil Engineer IV	Sharp, William	
	Senior Civil Engineer III	Staten, Elizabeth	
	Senior Structural Engineer IV	Van Santen, Victor	
	Senior Transportation Planner	Wojcik, Leonard W	
	Senior Civil Engineer III	Wong, David	



Contract No.: I-17-4296

Consultant: HDR Engineering, Inc.

Date: 9/29/2017

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Senior Civil Engineer IV	Yang, Zhaowei	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Structural Engineer II	Bersano, Ryan	\$25 - \$60
	Civil Engineer III	Blower, Roy	
	Civil Engineer IV	Brozier, Anthony	
	Civil Engineer III	Budner, Billie	
	Transportation Planner IV	Christopher, Richard	
	Transportation Planner IV	Gonzalez, Janet	
	Civil Engineer III	Hoberg, Julie	
	Civil Engineer II	Johnson, Matthew	
	Civil Engineer IV	Jones, Daniel	
	Structural Engineer II	Kendall, Ross	
	Civil Engineer III	Kessler, Adam	
	Civil Engineer III	Kjellman, Jonathan	
	Structural Engineer III	Krok, Marcin	
	Civil Engineer III	Kumm, Bryan	
	Civil Engineer III	Kunduru, Manmith	
	Structural Engineer I	Longfield, Matthew	
	Transportation Planner II	Marchyshyn, Michael	
	Civil Engineer II	Miczek, Michal	
	Structural Engineer III	Oliver, Edward	
	Structural Engineer I	Patel, Chintan Hitesh	
	Structural Engineer II	Picker, Jeffrey	
	Civil Engineer III	<b>Prokop, Daniel</b>	
	Structural Engineer I	Rahman, Momenur	
	Civil Engineer III	Scharra, Todd	
	Civil Engineer I	Schmidt, Alejandra	
	Structural Engineer II	Scullion, Derek	
	Transportation Planner II	Sims, Kelly	
	Civil Engineer II	Stemley, Jessica	
	Civil Engineer II	Truex, Nathan	
	Civil Engineer III	<b>Zeman, Benjamin</b>	
	Civil Engineer III	Zoller, Nicholas	
Staff Engineer/Planner	Civil Engineer I	Actenberg, Tyler	\$20 - \$40
	Civil Engineer I	Burke, Joseph	
	Civil Engineer I	DiVito, Chrystina	
	Civil Engineer I	Lerner, Jordan	

Contract No.: I-17-4296

Consultant: HDR Engineering, Inc.

Date: 9/29/2017

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Civil Engineer I	Hochstatter, Ashley	
	Civil Engineer I	Li, Wenjing	
	Civil Engineer I	Nagy, Ana	
	Civil Engineer I	Pater, Ryan	
	Civil Engineer I	Rogers, Robert	
	Civil Engineer I	Sattler, Adam	
	Civil Engineer I	Waterhouse, Emery	
Engineer /Accountant	Clerical V	Garcia, Gayle L	\$20 - \$60
	Clerical V	Guzman, Kathleen	
	Clerical IV	Shuey, Aniko	
Senior Technical Specialist	CADD Tech V	Anderson, Daryl	\$25 - \$60
	Structural Technician IV	Rosado, Jimmy	
Technical Specialist	CADD Tech III	Andrushko, Mykola	\$15 - \$50
	CADD Tech III	Dahl, Andrew	
	Construction Observer I	Gudeman, Drew	
	Construction Observer II	Hoffman, Matthew	
	Construction Observer II	Lapinskas, Alius	
	Environmental Scientist II	Merchan Paniagua, Sara	
	CADD Tech III	Mino, Ximena	
	CADD Tech I	Nelson, Karen	
	Environmental Scientist I	Primer, Samantha	
	CADD Tech III	Schwab, Michael	
	CADD Tech III	Travis, Lawrence	
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25-\$20
Admin/Clerical	Clerical	Alverio, Mandy	\$8.25-\$40
	Clerical	Bielesch, Tammy	
	Clerical	Cicchetti, Nicole	
	Clerical	Creighton, Donna	
	Clerical	Elmore, Rozanne	
	Clerical	Hannusch, Angela	
	Clerical	Muench, Debbie	
	Clerical	Pequeno-Poliszczuk, Linda	
	Graphic Designer	Tepper, Alyssa	





## ALLOWABLE DIRECT COSTS

09.12.2018

Effective for contracts awarded on or after August 1, 2018, the following costs are allowable when requested by the Tollway and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (up to State rate maximum)
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost
Air Fare	Coach Rate with 2 weeks advance purchase with ISTHA approval
Vehicles	
Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Vehicle Rental (including tolls)	Actual cost up to \$55/day
Vehicle Owned or Leased (does not include personal vehicles, not owned by the company) (includes tolls)	\$65/full day, \$32.50/half day (4 hours or less)
Parking	Actual Cost
Tolls (Personal Vehicles only)	Actual Cost
Overtime	Premium portion
Shift Differential	Actual cost (based on firm's policy)
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$450.00/Mo)
Monuments – Permanent	Actual Cost
Advertisements	Actual Cost
2-way Radio	Actual cost (Survey or Phase III only)
Telephone Usage	Actual Cost (Traffic System Monitoring Only)
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography, mapping and drone usage	Actual Cost
Utility exploratory trenching	Actual Cost

## **ALLOWABLE DIRECT COSTS**

- \*website for State Reimbursement Rates\_  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a “tool of the trade.”

## ALLOWABLE DIRECT COSTS

The number of days will be calculated as follows for extended stay \*\*- Weekly (vehicle and hotel) – Number of days on job site plus one day to travel to and from job site per week.

\*\*Extended Stay Status applies to individuals on the project over 20 Consecutive working days. The decision whether individuals will stay over the weekend will be made after the Contractor's schedule is available and shall be made jointly by the Consultant Liaison and the Tollway project manager.

### NOTES:

- For CM contracts, beam and cylinder breaks are not reimbursable. Overtime to employees traveling to and from the site will be allowed depending on the firm's policy and limited to the Tollway's CM Manual allowance.

Contract No.: I-17-4296

Consultant: HDR Engineering, Inc.

**EXHIBIT E - KEY PROJECT PERSONNEL**

**Project Principal:** Patrick Pechnick

**Project Manager:** Thomas Hein

**Project Engineer:** Benjamin Zeman

**Resident Engineer:** \_\_\_\_\_

**Documentation Engineer:** \_\_\_\_\_

**Project Civil Engineer:** Daniel Prokop

**Project Structural Engineer:** Michael Quirin

**Project Drainage Engineer:** \_\_\_\_\_

**Senior Engineer:** \_\_\_\_\_

**Others:** Name: Lance Peterman

Classification: Senior Structural IV

Name: David Wong

Classification: Senior Civil Engineer III

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

**EXHIBIT F**

**Contract No. I-17-4296**

**HDR Engineering, Inc.**

**SCOPE OF SERVICES**

See attached document.



**SUPPLEMENT TO I-17-4296**

**EXHIBIT F**

**APRIL 2019**

Contract I-17-4296 was negotiated based on the improvements shown and anticipated by Master Plan contract RR-14-4223. As Phase II design has progressed, additional work and design efforts were identified that were not anticipated by either the DSE or the Tollway at the time the DSE's original fee was established. To date these additional design efforts are summarized as follows:

- **Plazas 36 (82<sup>nd</sup> Street) and 39 (83<sup>rd</sup> Street)** – The Master Plan was not specific with regard to the proposed work to be performed at Plazas 36 and 39. Design services required and requested by the Tollway that were not accounted for in the original design proposal include the following improvements, packaged as part of an Advance Plaza construction contract.
  - Median retaining wall improvements between stations 1028+45 to 1040+15 & Plaza structural work
  - Conversion of a cash lane to a temporary IPO at the NB plaza
  - Conversion of a cash lane to a temporary IPO at the SB plaza
  - Additional permanent IPO lane at NB plaza
  - Replacement of existing NB mainline monotube, including temporary and removal sheets
- **Additional Retaining Wall** – The Master Plan called for fill slopes in the vicinity of the Sterling Estates mobile homes. In order to avoid ROW impacts the fill slopes were replaced by a retaining wall, approximately 1800 feet in length.
- **Noise Abatement Walls** – An updated Traffic Noise Report released in April 2018 superseded the Master Plan report and added 7,468 feet of additional noise wall. Additional plan production, model and cross section modifications, quantities, reviews, etc., result from the added noise walls. The noise wall modification also requires structural analysis of two existing retaining walls that will now need to support taller noise walls than they currently do.  
If the evaluation of the retaining walls results in the recommendation to replace them, the DSE will perform structural design and related roadway/MOT design for the replacement of the two retaining walls.
- **Underpass Lighting** – The Master Plan called for nighttime underpass lighting for the I-294 over 87<sup>th</sup> Street and Roberts Road bridges. After subsequent coordination with Cook County the Tollway has agreed to install daytime underpass lighting as well. The additional lighting requires additional plans and details, lighting calculations and report, and ComEd coordination.



- **Archer Avenue Interchange** – The intent of the Master Plan was to minimize impacts to non-Tollway facilities as much as possible. After detailed review of the Master Plan geometrics and the Maintenance of Traffic design, the DSE coordinated with the Tollway and a decision was reached to have the DSE develop alternate geometry for the Archer Avenue interchange. The interchange revisions will improve the final mainline roadway geometrics, improve constructability, and allow for the elimination of the southbound CD road leading up to Plaza 36.
  - Conceptual development of alternate interchange geometry and associated coordination with Tollway and team
  - Additional geometric studies in coordination with IDOT, including the development of 5 geometric alternatives
  - Additional Roadway design for extended Archer Avenue Interchange limits (alignments, ties, typical sections, removals, plans, profiles, jointing and grading, landscaping and fencing, pavement marking and signing, soil boring logs/plans, cross sections, MOT, quantities, barrier warrant analysis)
  - Coordination with another DSE on another contract (Epstein) for EB and WB Archer Avenue bridges
  - Additional drainage design for the extended Archer Avenue interchange limits, including review of available drainage studies and plans, modification of existing and proposed hydraulic and 3d models, and both new and modified detention basins, control structures, and grading plans
  - Additional Utility Field Surveys for the extended Archer Avenue interchange limits, including supplemental SUE levels A, B, and C, survey of missing structures, site visits, and supplemental aerial utility mapping
  - Additional Utility Coordination for the extended Archer Avenue interchange limits, including generation of SUE needs and exhibits, utility plan sheets, NOI coordination, monthly reports
  - Additional Retaining Wall Design for extended Archer Avenue interchange limits, including analysis and design for extensions to 8 retaining walls totaling 2,039 feet in length
  - Additional Lighting Design for extended Archer Avenue interchange limits
  - Additional detailed tree classification survey for the extended Archer Avenue interchange limits
  - Temporary traffic signal installation designs for the intersections of Archer Avenue at Oak Grove Avenue and 79<sup>th</sup> Street at Cork Avenue
  - Credit for Ramp C Improvements Removal
  - Credit for Ramp E Improvements Removal
  
- **Environmental Soil Assessment (ESA) Sampling** – The DCM directed the DSE to provide assistance for additional environmental soil borings to be taken and tested within the DSE’s contract limits. The DSE anticipates 33 environmental borings will be needed to cover the relevant area. Drilling will be performed under the Tollway’s on-call Geotechnical Services





contract. The Tollway felt additional testing was required based on recent construction interactions with Clean Construction and Demolition Debris (CCDD) facilities. The DSE will provide a sampling plan and maps, list of analyte, coordination of drilling and lab work, review of reports, and establishment of contaminated material quantities.

- **I-294 over 87<sup>th</sup> Street and Roberts Road** – The existing I-294 bridges over 87<sup>th</sup> Street and Roberts Road consist of three skewed bridges: two single-span northbound bridges and one particularly unique and complex southbound bridge. Review of the Master Plan and Advanced Engineering Studies (AES) and subsequent coordination with the Tollway and DCM/OR resulted in a determination that these structures as shown in the Master Plan and AES would be particularly difficult to construct while maintaining the required traffic flow. In addition, the existing structures severely limit Cook County improvement options in the future. As such the DSE was directed to proceed with the development of alternate geometry and structural configurations. The proposed alternate geometry will include a more traditional 3-span steel I-girder bridge along southbound I-294 with squared up piers and abutments to eliminate the skew of the structure and provide room for improvement for future Cook County projects. Constructability and future maintenance of the proposed alternate is significantly improved. The DSE was directed to perform a Bridge Type Study, focusing on the configuration of the northbound structures. The scope of the Bridge Type Study is not finalized at this time and will be coordinated between the DSE and Tollway. However, the Bridge Type Study is anticipated to include an evaluation of two alternates for the northbound direction: two single-span bridges versus one two-span bridge. The anticipated additional effort is as follows:
  - Additional Roadway studies and design for revised geometry (alignments, ties, typical sections, removals, plans, profiles, jointing and grading, landscaping and fencing, pavement marking and signing, cross sections, MOT, quantities, barrier warrant analysis, QA/QC, Management)
  - Additional roadway design for improvements to the intersection of 87<sup>th</sup> St and Roberts Rd up to and including the ends of the left turn bays, including resurfacing of the existing roadway, ADA improvements, and drainage improvements
  - Additional Structural studies and design: Bridge Type Study, TSL development, and final design of bridge structures for revised bridge layout
  
- **Full Design of Retaining Walls and Moment Slabs** – The DSE was scoped to provide design services for performance-based retaining walls for cut walls identified in the Master Plan. The DSE was not scoped to provide a design for moment slabs on fill retaining walls. In order to facilitate completion of the construction of the Central Tri-State corridor in an accelerated timeframe, the DSE can provide a full detailed design of the cut retaining walls identified in the Master Plan, as well as for moment slabs which are assumed to be required for all fill walls identified in the Master Plan, so less design work will need to be performed by the Contractor.



- **Additional Utility Coordination** – The DSE was scoped to coordinate with the DCM in a limited capacity to facilitate the notification (NOI) and relocation of utilities. The NOI process has changed several times, resulting in additional work for the DSE. Additional information has been added to each NOI, resulting in the processing time for each NOI to be higher than anticipated. Additional utility coordination in the form of a new "Notice for Utility Work Order" form to be completed by the DSE has also resulted in additional work and will require more work by the DSE moving forward.
- **Management and Administration** – The DSE will perform management and administrative tasks associated with the above activities.
- **Quality Control / Quality Assurance** – The DSE will perform quality control and quality assurance reviews associated with the above activities in accordance with the approved Consultant Quality Plan.

**EXHIBIT G**

**Contract I-17-4296**

**(HDR Engineering, Inc.)**

**CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
155-16	IDOT PH I Various Various	\$1,500,000	\$ 45,315	12-19
161-03	IDOT Central Ave @BRC RR	\$2,593,095	\$ 495,000	8-19
167-020	IDOT District 2 Various, Various	\$600,000	\$ 68,000	12-19
176-011	IDOT over the Rock River Ph/II	\$547,617	\$ 465,598	TBD
R-14-4221	ISTHA Mile Long Bridge MP	\$11,521,060	\$ 4,018,126	3-23
I-15-4660	ISTHA Land Acquisition/Surveying	\$3,000,000	\$ 1,509,581	2-24

**As a sub:**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
169-016	IDOT PH I for I-290 Bridges	\$218,703	\$42,000	TBD
169-016	IDOT I-290	\$375,000	\$103,000	TBD
173-017	IDOT Various Maintenance Contract	as needed		
175-015	IDOT – FAP 343 (IL 53, IL 68) D1	TBD		
180-02	IDOT East Ave 55 <sup>th</sup> to Joliet, PH II	\$189,163	\$35,000	05-19
180-05	IDOT Various Various	as needed		
181-04	IDOT PH II Various Various	as needed		
185-08	IDOT Various Various, PH III	as needed		
185-16	IDOT I 90 Bridges	\$77,000	\$77,000	3-21
I-14-4646	ISTHA – Land Acquisition/Surveying Upon Request	\$750,019	\$400,000	06-20
RR-16-4252	ISTHA Systemwide Maint. Facilities, PHIII	TBD		
RR-16-4275	ISTHA –Edens Spur	\$359,987	\$205,000	12-19
I-18-4357	ISTHA Plazas 36 & 39 I-18 Rd.Ent	\$60,000	\$42,000	7-19

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
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Non-Tollway and IDOT Obligations

City of Chicago

	Pershing Road	\$1,330,327	\$30,000	TBD
Others	CDI –Eastside Highway	\$3,914,000	\$5,000	4-19
	McHenry Lakewood	\$ 682,495	\$622,000	11-20
	Kane – Randall to Weld PH II	\$ 598,845	\$19,000	12-19
	DuPage – Elgin O’Hare PH II	\$ 105,064	\$27,000	9-19

**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

<p>1 <u>American Surveying and Engineering, PC</u></p> <p>Direct Labor                   \$ 31,693.20</p> <p>Direct Costs                   \$ 29,500.00</p> <p>Services by Others             _____</p> <p>Additional Services **       _____</p> <p>Total this Subconsultant (ULC)                   \$ 61,193.20</p>	<p>6 _____</p> <p>Direct Labor                   _____</p> <p>Direct Costs                   \$ -</p> <p>Services by Others             \$ -</p> <p>Additional Services **       \$ -</p> <p>Total this Subconsultant (ULC)                   \$ -</p>
<p>2 <u>EFK Moen</u></p> <p>Direct Labor                   \$ 660,332.85</p> <p>Direct Costs                   \$ 82.90</p> <p>Services by Others             _____</p> <p>Additional Services **       _____</p> <p>Total this Subconsultant (ULC)                   \$ 660,415.75</p>	<p>7 _____</p> <p>Direct Labor                   _____</p> <p>Direct Costs                   \$ -</p> <p>Services by Others             \$ -</p> <p>Additional Services **       \$ -</p> <p>Total this Subconsultant (ULC)                   \$ -</p>
<p>3 <u>Quigg Engineering</u></p> <p>Direct Labor                   \$ 15,146.21</p> <p>Direct Costs                   \$ 1,830.00</p> <p>Services by Others             \$ -</p> <p>Additional Services **       \$ -</p> <p>Total this Subconsultant (ULC)                   \$ 16,976.21</p>	<p>8 _____</p> <p>Direct Labor                   _____</p> <p>Direct Costs                   \$ -</p> <p>Services by Others             \$ -</p> <p>Additional Services **       \$ -</p> <p>Total this Subconsultant (ULC)                   \$ -</p>
<p>4 <u>SE3</u></p> <p>Direct Labor                   \$ 109,267.20</p> <p>Direct Costs                   \$ 350.00</p> <p>Services by Others             \$ -</p> <p>Additional Services **       \$ -</p> <p>Total this Subconsultant (ULC)                   \$ 109,617.20</p>	<p>9 _____</p> <p>Direct Labor                   _____</p> <p>Direct Costs                   \$ -</p> <p>Services by Others             \$ -</p> <p>Additional Services **       \$ -</p> <p>Total this Subconsultant (ULC)                   \$ -</p>
<p>5 <u>Singh &amp; Associates</u></p> <p>Direct Labor                   \$ 87,399.42</p> <p>Direct Costs                   \$ -</p> <p>Services by Others             \$ -</p> <p>Additional Services **       \$ -</p> <p>Total this Subconsultant (ULC)                   \$ 87,399.42</p>	<p>10 _____</p> <p>Direct Labor                   _____</p> <p>Direct Costs                   \$ -</p> <p>Services by Others             \$ -</p> <p>Additional Services **       \$ -</p> <p>Total this Subconsultant (ULC)                   \$ -</p>

\*\* Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ 935,601.78

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ 935,601.78

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): 31.74%

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): 31.74%

EXHIBIT "1" Version 1.0

**EXHIBIT H - SERVICES BY OTHERS (continued)**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)**

1	<u>HR Green</u>		
	Direct Labor	\$ 99,769.91	
	Direct Costs	\$ 319.68	
	Services by Others		
	Additional Services **		
	Total this Subconsultant (ULC)	\$ 100,089.59	
2	<u>HW Lochner</u>		
	Direct Labor	\$ 231,934.30	
	Direct Costs		
	Services by Others		
	Additional Services **		
	Total this Subconsultant (ULC)	\$ 231,934.30	
3	<u>Orion</u>		
	Direct Labor	\$ 66,730.16	
	Direct Costs	\$ 269.84	
	Services by Others	\$ -	
	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ 67,000.00	
4	<u></u>		
	Direct Labor	\$ -	
	Direct Costs	\$ -	
	Services by Others	\$ -	
	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ -	
5	<u></u>		
	Direct Labor	\$ -	
	Direct Costs	\$ -	
	Services by Others	\$ -	
	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ -	

6	<u></u>		
	Direct Labor		
	Direct Costs	\$ -	
	Services by Others	\$ -	
	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ -	
7	<u></u>		
	Direct Labor	\$ -	
	Direct Costs	\$ -	
	Services by Others	\$ -	
	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ -	
8	<u></u>		
	Direct Labor	\$ -	
	Direct Costs	\$ -	
	Services by Others	\$ -	
	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ -	
9	<u></u>		
	Direct Labor	\$ -	
	Direct Costs	\$ -	
	Services by Others	\$ -	
	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ -	
10	<u></u>		
	Direct Labor	\$ -	
	Direct Costs	\$ -	
	Services by Others	\$ -	
	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ -	

\*\* Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ 399,023.89

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ 399,023.89

# Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: American Surveying & Engineering, P.C.

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website







Contract Number: I-17-4296

Consultant: American Surveying & Engineering, P.C.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2020												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1.0 Existing Utility Information	4	4	4	4	4	4	4							28
2.0 Supplemental SUE B	10	5	10	10	5	7	5							52
3.0 Supplemental Aerial Utility														
4.0 SUE Level A	5	5	5	5	5	5	5							35
5.0 QA/QC	1	1	1	1	1	1	1							7
6.0 Administration	2	2	2	2	2	2	2							14
7.0 Meetings	1	1	2	1	1	1	2							9
<b>TOTALS</b>	23	18	24	23	18	20	19							145

**EXHIBIT B: FEE CALCULATIONS**

**A. DIRECT LABOR (without overtime)**

$$\begin{array}{r}
 \text{300.00} \\
 \text{(Total Work Hours} \\
 \text{from Exhibit C-2)} \\
 \times \\
 \text{\$ 37.73} \\
 \text{(Average Hourly} \\
 \text{Rate from Exhibit} \\
 \text{C-2)} \\
 \hline
 \text{\$ 11,319.00} \\
 \text{TOTAL DIRECT SALARY}
 \end{array}$$

Multiplier to be used on this project:

Allowable Multiplier = (2.8 DSE) (2.5 or 2.8 CM) (2.5 PMO)

2.80

**DIRECT REGULAR SALARY TIMES MULTIPLIER**

\$ 31,693.20

**B. REIMBURSABLE DIRECT COSTS NOT ELIGIBLE FOR PROFIT**

(For Prime Consultant listed above.)

TOTAL DIRECT COSTS \$29,500.00

**C. SERVICES BY OTHERS**

Total Allowable Fee DBE/MBE/WBE Subconsultant (from Exhibit H) \$ -

Total Allowable Fee Non-DBE/MBE/WBE Subconsultant (from Exhibit H (cont)) \$ -

TOTAL SERVICES BY OTHERS \$ -

**D. ADDITIONAL SERVICES (Prime Consultant)**

(Requires prior authorization before use)

**ADDITIONAL SERVICES (Subconsultants)**

(Requires prior authorization before use)

TOTAL ADDITIONAL SERVICES \$ -

**E. MAXIMUM ALLOWABLE FEE (Upper Limit of Compensation)**

\$ 61,193.20

Contract No.: I-17-4296

Consultant: American Surveying & Engineering, P.C.

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 15 No. OF MONTHS  
 SCHEDULED START DATE: 5/1/2019  
 RAISE DATE: 1/1/2020  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

5/1/2019	-	12/31/2019	1/1/2020	-	7/31/2020						
Date		Date	Date		Date	Date	Date	Date	Date	Date	Date
	8.0			7.0							
	15.0			15.0							15.0
	Factor First Period		Escalation Factor Second Period		Escalation Factor Third Period		Escalation Factor Fourth Period		Escalation Factor Fifth Period		
	53.33%		46.67%								

**ESCALATION PER YEAR Year 6 through 10**

	-			-			-		-		
Date		Date	Date		Date	Date	Date	Date	Date	Date	
	15.0			15.0						15.0	
	Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period		Escalation Factor Ninth Period		Escalation Factor Tenth Period		

The escalation factor for this project is: 100.00%

Contract No.: I-17-4286 Consultant: American Surveying & Engineering, P.C.  
 Date: 4/17/2019 Escalation Factor: 100.00%  
 (From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES										DIRECT COST OVERTIME PREMIUM	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	Total Estimated O/T Hours:	Average Premium O/T Hourly Rate:	Total Overtime Premium:
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	5.00					
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	10.00					
No	Senior Engineer/Planner	\$40.00	\$70.00	\$68.93	\$68.93	30.00					
No	Resident Engineer	\$40.00	\$70.00								
No	Project Engineer/Planner	\$25.00	\$60.00	\$46.05	\$46.05	60.00					
No	Staff Engineer/Planner	\$20.00	\$40.00								
No	Engineer /Accountant	\$20.00	\$60.00								
No	Senior Technical Specialist	\$25.00	\$60.00	\$37.68	\$37.68	57.00					
No	Technical Specialist	\$15.00	\$50.00	\$24.13	\$24.13	125.00					
No	Architect	\$30.00	\$70.00								
No	Realty Specialists	\$20.00	\$70.00								
No	Intern	\$8.25	\$20.00								
No	Admin/Clerical	\$8.25	\$40.00	\$21.18	\$21.18	13.00					

Contract No.: I-17-4296

Consultant: American Surveying &amp; Engineering, P.C.

Date: 4/17/2019

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour	
Principal	PRINCIPAL IN CHARGE	COVENTINE FIDIS	\$50 - \$70	
Project Manager	PROJECT MANAGER	COVENTINE FIDIS	\$40 - \$70	
	PROJECT MANAGER	MARK M. WOOD		
	PROJECT MANAGER	STEVEN M. RIENKS		
	PROJECT MANAGER	JAY P. HOWELL		
	PROJECT MANAGER	JOHN A. DYBAS, III		
	PROJECT MANAGER	LARRY D. MARTIN		
Senior Engineer/Planner	PROJECT SURVEYOR/ENG IV	PAUL F. STANTON	\$40 - \$70	
	PROJECT SURVEYOR/ENG IV	CRAIG L. DUY		
	PROJECT SURVEYOR/ENG III	THOMAS A. SANDERSON		
Resident Engineer			\$40 - \$70	
Project Engineer/Planner	PROJECT SURVEYOR ENG III	ERIC J. SLADEK	\$25 - \$60	
	PROJECT SURVEYOR ENG I	ROBERT MICHAEL BACHARA		
	PROJECT SURVEYOR ENG III	THANO D. TZIFOROS		
	PROJECT SURVEYOR ENG II	JOHN D. COLWELL		
	PROJECT SURVEYOR ENG II	ROBERT SAXER		
Staff Engineer/Planner			\$20 - \$40	
Engineer /Accountant			\$20 - \$60	
Senior Technical Specialist	CADD TECHNICIAN	CRAIG A. HILLS	\$25 - \$60	
	CADD TECHNICIAN	WILLIAM BARAN		
	CADD TECHNICIAN	JOSEPH B. MAGNOTTA		
	CADD TECHNICIAN	CAROLANNE M. BEARD		
	ENGINEER/SURVEY TECH III	THOMAS H. HOYLE		
	ENGINEER/SURVEY TECH III	DARYL F. EDWARDS		
	ENGINEER/SURVEY TECH III	GUSTAVO ALEX AGUILAR		
	ENGINEER/SURVEY TECH III	KRISTOPHER M. MCALLISTER		
	ENGINEER/SURVEY TECH III	JEFFREY F. MUMMERT		
	ENGINEER/SURVEY TECH III	CHRISTOPHER FRANKLIN MASON		
	Technical Specialist	ENGINEER/SURVEY TECH II	GARY R. BRANDT	\$15 - \$50
		ENGINEER/SURVEY TECH II	LUCAS S. MCDONALD	
		ENGINEER/SURVEY TECH II	BRADLY J. DUFFY	
ENGINEER/SURVEY TECH II		LAWRENCE T. DEMANCHE		
ENGINEER/SURVEY TECH II		ROBERTO ASCENCIO		
ENGINEER/SURVEY TECH II		MATTHEW W. WOJTOWICZ		
ENGINEER/SURVEY TECH II		MATTHEW MOOREHOUSE		
ENGINEER/SURVEY TECH I		DAVID W. CISKOWSKI		
ENGINEER/SURVEY TECH I		ANDREW T. BROWN		



Contract No.: I-17-4296 Consultant: American Surveying & Engineering, P.C.

**EXHIBIT D**

**REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES**

- A. **VEHICLE REIMBURSEMENT - rate based on link below**  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>
- B. **ALLOWABLE DIRECT COSTS - based on link below**  
[https://www.illinoistollway.com/documents/20184/238673/LG\\_TOL\\_LWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_12132013.PDF/b3dab3](https://www.illinoistollway.com/documents/20184/238673/LG_TOL_LWAY_XX_ALLOWABLEDIRECTCOSTS_12132013.PDF/b3dab3)
- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

**DIRECT COST CATEGORY**

- Traffic Control (\$850 per day)
- Flowable Fill (\$300 each)
- Road Permits (\$400 each)
- RR Protective Liability Insurance \$2,000
- RR Right of Entry Permit (\$1,500 per permit)
- RR Flaggers (\$400 per day)
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 

**TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)      \$ 29,500.00**



**ALLOWABLE DIRECT COSTS****09.12.2018**

Effective for contracts awarded on or after August 1, 2018, the following costs are allowable when requested by the Tollway and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (up to State rate maximum)
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost
Air Fare	Coach Rate with 2 weeks advance purchase with ISTHA approval
Vehicles	
Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Vehicle Rental (including tolls)	Actual cost up to \$55/day
Vehicle Owned or Leased (does not include personal vehicles, not owned by the company) (includes tolls)	\$65/full day, \$32.50/half day (4 hours or less)
Parking	Actual Cost
Tolls (Personal Vehicles only)	Actual Cost
Overtime	Premium portion
Shift Differential	Actual cost (based on firm's policy)
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$450.00/Mo)
Monuments – Permanent	Actual Cost
Advertisements	Actual Cost
2-way Radio	Actual cost (Survey or Phase III only)
Telephone Usage	Actual Cost (Traffic System Monitoring Only)
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography, mapping and drone usage	Actual Cost
Utility exploratory trenching	Actual Cost

## ALLOWABLE DIRECT COSTS

- \*website for State Reimbursement Rates\_  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

## ALLOWABLE DIRECT COSTS

The number of days will be calculated as follows for extended stay \*\*- Weekly (vehicle and hotel) – Number of days on job site plus one day to travel to and from job site per week.

\*\*Extended Stay Status applies to individuals on the project over 20 Consecutive working days. The decision whether individuals will stay over the weekend will be made after the Contractor's schedule is available and shall be made jointly by the Consultant Liaison and the Tollway project manager.

### NOTES:

- For CM contracts, beam and cylinder breaks are not reimbursable. Overtime to employees traveling to and from the site will be allowed depending on the firm's policy and limited to the Tollway's CM Manual allowance.

Contract No.: I-17-4296

Consultant: American Surveying & Engineering, P.C.

**EXHIBIT E - KEY PROJECT PERSONNEL**

**Project Principal:** \_\_\_\_\_

**Project Manager:** \_\_\_\_\_

**Project Engineer:** \_\_\_\_\_

**Resident Engineer:** \_\_\_\_\_

**Documentation Engineer:** \_\_\_\_\_

**Project Civil Engineer:** \_\_\_\_\_

**Project Structural Engineer:** \_\_\_\_\_

**Project Drainage Engineer:** \_\_\_\_\_

**Senior Engineer:** \_\_\_\_\_

**Others:**      Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

## EXHIBIT F

Contract No. I-17-4296

American Surveying & Engineering, P.C.

### SCOPE OF SERVICES

#### **I. PROJECT DESCRIPTION**

This project is to prepare Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) 95th Street (M.P. 17.8) to LaGrange Road (M.P. 20.7)

The scope of the proposed improvement includes: widened and reconstructed roadway; bridge widening and rehabilitation / replacement; retaining walls; noise walls; new drainage structures and modification of existing drainage system; erosion control for all construction zones; landscaping and soil erosion / sedimentation control measures as necessary; pavement markings, delineators and signage; new guardrail, anchors and terminals; roadway lighting; protection and relocation of utilities; and other appurtenant and miscellaneous construction.

Services to be performed by SUBCONSULTANT under this Agreement include Subsurface Utility Engineering (SUE).

#### **II. SERVICES TO BE PERFORMED BY SUBCONSULTANT**

##### **Existing Utility Information -**

Review applicable utility portions of Master Planning Documents as provided by the Design Corridor Manager (DCM). It is understood that Existing Base Utility mapping shall be provided by the Tollway / DSE. This includes Level D data, Level B data, and the source(s) of the other utilities such as atlases and as-builts.

Gather additional available utility information such as updated utility atlases. This would be completed via a request of Tollway utility permits completed since acquisition of the existing utility information provided. A design JULIE to acquire the most recent Atlas information would also be conducted.

Define Project Limits for Utility Impacts.

Design JULIE – SUE Level D Data.

Atlas/As-Built Recorded requests – Assume 10 utility entities.

Maintain Atlas Tracking Log.

Coordination & Communication with Utility Entities.

Review Atlas Records & Compare to Tollway Base mapping. Assume 50 Atlas Records.

Update CADD utility model. Level D Data Only.

Periodic site visits for utility data resolution.

##### **Supplemental SUE Level C and B Services**

Provide the field and office services necessary to provide updated SUE Level B data as needed to supplement the Level B data provided by the DSE / Tollway. An example of this is when a utility line may have been newly constructed, relocated or abandoned since the acquisition of the tollway's Level B data.

Obtain Survey data from Project Surveyor

Draw base file mapping for Sewer and Storm Lines (3D) (assume sewer and storm annotations by the project surveyor). Assume 100 structures.

## EXHIBIT F

Contract No. I-17-4296

American Surveying & Engineering, P.C.

### SCOPE OF SERVICES

Field Review of surface utility topo items – To Be Provided by Others.  
Coordinate Obsolete or Missing Survey data – To Be Provided Others.  
Supplemental SUE Level B (assume 47,520 LF needed)  
Field survey missing pedestals, risers, utility manholes, switchgear. Utility vault structures sketches assumed not required. All parts provided by Project Surveyor.  
Update Base Utility CADD files  
Periodic Site Visits for data resolution

#### **Supplemental Aerial Utility Mapping**

Provide the field and office services necessary to provide updated Aerial Utility data as needed to supplement the utility data provided by the DSE / Tollway. An example of this is when a utility line may have been newly constructed, relocated or abandoned since the acquisition of the tollway's aerial data.

Conduct a Pole Asset Inventory to identify those utilities located within the project limits on poles. It is assumed that attachment heights and low wire elevations will not be required.

Review base aerial utility information with project limits versus atlas records.  
Conduct Field Utility Pole Asset Inventory (attachment height and low wire elevation assumed not needed) Assume 50 poles.  
Prepare Utility Pole structure sketches (field sketches). Coordinate utility pole structure sketches.  
Update Base Utility CADD files.

#### **SUE Level A**

Coordinate SUE Level A exposures of exiting utilities deemed to be in conflict with the proposed improvements.

Level A exposure result exhibits shall be prepared per Tollway requirements.

Establish traffic control requirements for Field work  
Coordinate with Utility Owners for Watch & Protect  
Prepare and track status of JULIE DIG tickets  
Apply for Right of Entry Agreements for Railroads and /or other property owners  
Apply for Roadway permits (when applicable). Assume five on non-tollway roads.  
Core improved surfaces (when applicable). Assume 25 cores.  
Vacuum excavate potential conflict locations to determine x,y,z location of existing utility (Assume 50 test hole locations).  
Interpolate Sewer and Storm top of pipe elevations using structure data. To be provided by others.  
Update SUE, D, C, and B line work in model file to represent Level A results. Maintain Conflict spreadsheet to depict Level A results and status  
Prepare Deliverable (updated model file, Level A results, photos, and field book data). Periodic Site Visits for data resolution

## EXHIBIT F

Contract No. I-17-4296

American Surveying & Engineering, P.C.

### SCOPE OF SERVICES

**Note:** In some instances the DSE may be asked to apply for and pay any fees for new utility service on behalf of the Illinois Tollway. The Illinois Tollway will execute all service agreements as the Owner. All documentation for new service billing should be sent to "Illinois Tollway" to the attention of "Chief of Operations". No other names for the Illinois Tollway are acceptable and new service applications that do not follow this procedure will not be presented to the Chief Engineer for execution. To be provided by others.

#### **Quality Assurance / Quality Control (QA/QC)**

Develop a Consultant Quality Plan (CQP) in accordance with TOLLWAY guidelines. Submit the CQP to the ENGINEER. Execute internal QA/QC plan as defined in SUBCONSULTANT's CQP. Develop appropriate documentation. Assist ENGINEER in performing periodic reviews of SUBCONSULTANT's CQP.

Develop Consultant Quality Plan  
Execute Internal QA/QC Plan  
Review of CQP  
Field QAQC of 5% of Level B Length (assume 2000 LF)

#### **Administration**

Develop monthly invoices and progress reports in accordance with TOLLWAY requirements. Submit invoices to ENGINEER.  
Communication with client and/or client's agent. In house meetings. Progress reports. Scheduling, invoicing, etc.  
Technical direction of staff.  
Project management, coordination.

#### **Meetings**

Internal team meetings (approximately 4 meetings)

### **III. DELIVERABLES**

#### Drawings & Specifications

Electronic version of utility drawings (included in PROJECT's model basemap in 3D format).  
Updated Existing Utility Plan Sheets (Sections and Profiles assumed to not be required).

#### Reports

SUE Level A Tracking and Results Spreadsheet  
Copies of Field Notes  
Pole Asset field sketches

#### **DIRECT COST ITEMS:**

Traffic Control  
Railroad protective Liability Insurance



**EXHIBIT F**

**Contract No. I-17-4296**

**American Surveying & Engineering, P.C.**

**SCOPE OF SERVICES**

Railroad Right of Entry Agreements  
Railroad Flaggers  
Flowable fill for Level A Exposures located in pavement  
Roadway Permits

**EXHIBIT G**

**Contract No. I-17-4296**

**American Surveying & Engineering, P.C.**

**CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
I-18-4419	I-294/I57 INTERCHANGE ASE #218155	\$21,805.84	\$21,805.84	TBD
I-18-4415	SUE - SYSTEMWIDE #218143	\$3,000,000.00	\$3,000,000.00	TBD
RR-16-4270	ROUTINE MAINTENACE ASE #218061	TBD	TBD	TBD
RR-16-4270	TASK ORDER 4 ASE #218061	TBD	TBD	TBD
P-98-080-17	Various Locations ASE #117105	\$300,000.00	\$209,802.73	TBD
RR-16-9396	Aerial Mapping Upon Request ASE #217100	\$105,000.00	\$84,091.95	TBD
I-17-4681	Elgin O'Hare ASE #217099	TBD	TBD	TBD
I-17-4295	I-55 Ramps to Ogden Ave. ASE #217097	\$750,000.00	\$211,302.19	TBD
I-17-4297	75th St. to I-55 Ramps ASE #217096	\$512,825.79	\$116,983.12	10/31/2026
I-17-4296	95th St. to LaGrange Rd. ASE #217095	\$263,463.50	\$56,428.09	TBD
RR-15-99-75RR	Tollway Systemwide GEC ASE #217066	\$739,425.39	\$432,806.58	12/31/2019
RR-16-4265	Central Tri-State Design ASE #217038	\$989,805.00	\$372,271.36	4/14/2027
I-16-4266	IL-53 EIS ASE #216065	\$750,000.00	\$582,198.90	6/30/2019
I-15-4659	Wight - Phase II and Phase III ASE #215192	\$65,000.00	\$25,577.93	3/31/2019
I-15-4657	AMEC TY LIN EOWA I-294 ASE #515188	\$849,154.00	\$802,869.07	12/31/2021
P-91-001-16	IDOT Survey Various/Various ASE #215163	\$499,987.74	\$137,453.96	12/7/2025
P-94-008-14	IDOT Survey Various/Various ASE #114053	\$300,000.00	\$160,929.08	10/31/2024
I-13-4623	Elgin O'Hare Western Access, I-290 to IL 83 Advance Work Contracts ASE #214003	\$144,876.45	\$54,082.98	3/27/2022
D-91-317-13	Various Locations ASE #213070	\$300,000.00	\$869,469.72	9/30/2023
P-92-099-11	Various Survey Projects, Various Routes, Various Counties, Region Two/District Two ASE #111077	\$350,000.00	\$19,602.01	10/31/2021
I-11-4014	Elgin O'Hare Western Bypass Tollway, Design Corridor Management ASE #211098	\$8,762,926.60	\$536,198.36	TBD
P-93-011-10	Various Locations ASE #210007	\$300,000.00	\$66,956.27	5/1/2019

**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

1	_____	
	Direct Labor	_____
	Direct Costs	_____
	Services by Others	_____
	Additional Services **	_____
	Total this Subconsultant (ULC)	\$ _____ -

6	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

2	_____	
	Direct Labor	_____
	Direct Costs	_____
	Services by Others	_____
	Additional Services **	_____
	Total this Subconsultant (ULC)	\$ _____ -

7	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

3	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

8	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

4	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

9	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

5	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

10	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

\*\* Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): \_\_\_\_\_

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): \_\_\_\_\_

**EXHIBIT H - SERVICES BY OTHERS (continued)**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)**

1	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

6	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

2	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

7	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

3	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

8	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

4	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

9	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

5	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

10	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

\*\* Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

# Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: EFK Moen

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website







Contract No.: I-17-4296 Consultant: EFK Moen

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 15 No. OF MONTHS  
 SCHEDULED START DATE: 5/1/2019  
 RAISE DATE: 6/1/2019  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date	Date
5/1/2019	-	5/31/2019	6/1/2019	-	7/31/2020	-
1.0	12.0	15.0	2.0	15.0	15.0	15.0
6.67%	80.00%	13.33%	Escalation Factor Fifth Period			
Factor First Period		Escalation Factor Second Period		Escalation Factor Third Period		Escalation Factor Fourth Period

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date	Date
-	-	-	-	-	-	-
15.0	15.0	15.0	15.0	15.0	15.0	15.0
Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period		Escalation Factor Ninth Period
Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period		Escalation Factor Tenth Period

The escalation factor for this project is: 100.00%



Contract No.: I-17-4296

Consultant: EFK Moen

Date: 4/17/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES										DIRECT COST OVERTIME PREMIUM	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only (See Note D to Right)	Total Overtime Premium:		
									Estimated O/T Hours:	Average Premium O/T Hourly Rate:	
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	375.00			5.00	\$82.90	
No	Project Manager	\$40.00	\$70.00	\$64.42	\$64.42	754.00					
No	Senior Engineer/Planner	\$40.00	\$70.00	\$48.92	\$48.92	1,119.00					
No	Resident Engineer	\$40.00	\$70.00								
Yes	Project Engineer/Planner	\$25.00	\$60.00	\$32.51	\$32.51	420.00	16.26	1.00			
No	Staff Engineer/Planner	\$20.00	\$40.00								
Yes	Engineer/Accountant	\$20.00	\$60.00	\$54.27	\$54.27	1,067.00	27.14	1.00			
Yes	Senior Technical Specialist	\$25.00	\$60.00	\$38.00	\$38.00	755.00	19.00	1.00			
Yes	Technical Specialist	\$15.00	\$50.00	\$24.00	\$24.00	85.00	12.00	1.00			
No	Architect	\$30.00	\$70.00								
No	Realty Specialists	\$20.00	\$70.00								
Yes	Intern	\$6.25	\$20.00	\$17.00	\$17.00	85.00	8.50	1.00			
No	Admin/Clerical	\$6.25	\$40.00	\$26.84	\$26.84	84.00					
Total Direct Labor										\$235,833.16	
Total Estimated Work Hours:										4,748.00	
Average Hourly Rate:										\$49.67	

Contract No.: I-17-4296

Consultant: EFK Moen

Date: 4/17/2019

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	Project Principal	Darrell Eilers	\$50 - \$70
	Project Principal	Paul J. (PJ) Kronlage	
	Project Principal	Linda Moen	
Project Manager	Project Manager	Jeff Church	\$40 - \$70
	Project Manager	Shelley Dintelman	
	Project Manager	Chris Ferrante	
	Project Manager	Joe Havel	
	Project Manager	Chris Linneman	
	Project Manager	Robert (Bob) Orange	
	Project Manager	Chris Williams	
	Senior Engineer/Planner	Senior Project Engineer	Joanna Dardeen
	Senior Project Engineer	Ryan Gall	
	Senior Project Engineer	Michelle Spillers	
	Senior Project Engineer	Dipankar Chandra	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Project Engineer	Chris Chastain	\$25 - \$60
	Project Engineer	Steve Furrow	
	Project Engineer	Mike Tobiason	
	Project Engineer	Shirley Havel	
	Project Engineer	John Huebbe	
	Project Engineer	Mark Huebbe	
	Project Engineer	Angela Ng	
	Project Engineer	Jessy Rojas	
	Project Engineer	Lori Swank	
	Project Engineer	Maria Slick	
	Project Engineer	Kimberly Babbit	
	Project Engineer	Alex Benz	
	Project Engineer	Alison MacNair	
	Project Engineer	Margaret Bruns	
	Project Engineer	Cynthia Sanchez	
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant	Accountant	Theresa DeBarry	\$20 - \$60
Senior Technical Specialist	Senior Design Technician	Jennifer Archibald	\$25 - \$60
	Senior Design Technician	Dennis Brown	
	Senior Design Technician	Mike Kirchner	
	IT Manager	Terry Moen	
	Professional Land Surveyor	Randall Brickey	



Contract No.: I-17-4296 Consultant: EFK Moen

**EXHIBIT D**

**REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES**

- A. **VEHICLE REIMBURSEMENT - rate based on link below**  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>
  
- B. **ALLOWABLE DIRECT COSTS - based on link below**  
[https://www.illinoistollway.com/documents/20184/238673/LG\\_TOL\\_LWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_12132013.PDF/b3dab3](https://www.illinoistollway.com/documents/20184/238673/LG_TOL_LWAY_XX_ALLOWABLEDIRECTCOSTS_12132013.PDF/b3dab3)
  
- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

**DIRECT COST CATEGORY**

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**TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)** \_\_\_\_\_

Contract No.: I-17-4296

Consultant: EFK Moen

**EXHIBIT E - KEY PROJECT PERSONNEL**

**Project Principal:** \_\_\_\_\_

**Project Manager:** \_\_\_\_\_

**Project Engineer:** \_\_\_\_\_

**Resident Engineer:** \_\_\_\_\_

**Documentation Engineer:** \_\_\_\_\_

**Project Civil Engineer:** \_\_\_\_\_

**Project Structural Engineer:** \_\_\_\_\_

**Project Drainage Engineer:** \_\_\_\_\_

**Senior Engineer:** \_\_\_\_\_

**Others:**      Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_



**EXHIBIT F**

**Contract No. I-17-4296**

**EFK Moen**

**SCOPE OF SERVICES**

Structural engineering design assistance with retaining wall and moment slab design.  
Performance-based noise wall design and analysis of existing retaining walls.

**EXHIBIT G**

**Contract No. I-17-4296**

**EFK Moen**

**CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
19009.00	MO 100 Resurfacing & ADA	\$ 1,091,088.58	\$ 939,842.21	3/1/2021
14032.00	IDOT PTB 149/019 US 67 - Phase II	\$ 894,813.00	\$ 612,948.37	2/2/2016
15037.00	I-294 Master Plan RR-14-4224	\$ 3,748,053.41	\$ 385,214.55	9/22/2017
17053.00	I-294 - 75th to I-55 (Strand)	\$ 818,185.75	\$ 325,438.85	12/30/2022
17052.00	I-294 - 95th to LaGrange (HDR)	\$ 793,655.13	\$ 310,799.60	12/30/2022
18040.02	Jacobs I-285 Top End Task Order 002	\$ 408,419.59	\$ 306,926.64	6/30/2019
09017.10	US 67 North of Monmouth Survey	\$ 278,757.00	\$ 278,757.00	3/31/2011
18050.00	MoDOT Bus Rte 60 over Black River	\$ 321,783.18	\$ 218,358.17	3/1/2021
19005.00	Heritage Crossing at MO 364	\$ 275,858.60	\$ 193,392.00	12/21/2019
17049.00	IDOT CMT I-270 Phase I Report	\$ 311,614.00	\$ 190,730.52	5/31/2020
14043.10	CH2M Hill IL 3 Connector PTB 180-23	\$ 230,372.00	\$ 184,072.99	3/1/2020
15052.13	Poplar Street Complex PS&E - WO13	\$ 184,038.00	\$ 170,013.69	6/1/2018
19011.00	Volkert-Albion-Gibson City	\$ 160,000.00	\$ 160,000.00	3/1/2021
18055.00	CH2M MoDOT Route 63 J5P3195	\$ 142,579.93	\$ 142,579.93	12/2/2019
18029.00	St. Louis County Big Bend	\$ 395,691.08	\$ 137,897.29	9/28/2019
18041.00	I-55 OR/Metropolitan Resurfacing	\$ 189,858.16	\$ 128,940.98	11/1/2019
15009.10	PTB 169-028 Phase II McClugage Bridg	\$ 629,701.00	\$ 125,870.10	12/15/2019
18054.00	PTB 184/026 I-64 under IL 111	\$ 179,454.00	\$ 120,442.84	1/31/2020
18047.00	MoDOT NE Route JJ	\$ 181,108.85	\$ 118,810.95	1/1/2019
18062.00	MoDOT Route 340 ROW Survey	\$ 216,228.80	\$ 118,302.40	12/31/2022
17041.05	PTB 184/028 WO5 - IL 159 ADA	\$ 161,003.00	\$ 104,416.45	12/10/2020
12045.35	AMEC-MSD-SubTrunk No 3 (Muriel) (11669)	\$ 91,041.00	\$ 91,041.00	8/5/2019
18067.00	MoDOT Rte K Bridge Lewis County	\$ 103,784.00	\$ 87,113.09	10/25/2019
18053.00	Mexico Rd Resurface - Ped Bridge-Phase 3	\$ 159,967.65	\$ 85,484.68	12/31/2019
12045.24	AMEC MSD Creve Coeur Creek Ph VI (11729)	\$ 184,436.00	\$ 76,781.00	12/31/2017

**EXHIBIT H - SERVICES BY OTHERS (continued)**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)**

1	_____	
	Direct Labor	_____
	Direct Costs	_____
	Services by Others	_____
	Additional Services **	_____
	Total this Subconsultant (ULC)	\$ _____ -

6	_____	
	Direct Labor	_____
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

2	_____	
	Direct Labor	_____
	Direct Costs	_____
	Services by Others	_____
	Additional Services **	_____
	Total this Subconsultant (ULC)	\$ _____ -

7	_____	
	Direct Labor	\$ _____ -
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

3	_____	
	Direct Labor	\$ _____ -
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

8	_____	
	Direct Labor	\$ _____ -
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

4	_____	
	Direct Labor	\$ _____ -
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

9	_____	
	Direct Labor	\$ _____ -
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

5	_____	
	Direct Labor	\$ _____ -
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

10	_____	
	Direct Labor	\$ _____ -
	Direct Costs	\$ _____ -
	Services by Others	\$ _____ -
	Additional Services **	\$ _____ -
	Total this Subconsultant (ULC)	\$ _____ -

\*\* Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

1	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

6	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

2	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

7	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

3	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

8	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

4	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

9	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

5	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

10	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

\*\* Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): \_\_\_\_\_

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): \_\_\_\_\_

# Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: H W Lochner, Inc.

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website







Contract No.: I-17-4296

Consultant: H W Lochner, Inc.

**EXHIBIT B: FEE CALCULATIONS**

**A. DIRECT LABOR** (without overtime)

$$\frac{1,658.00}{\text{(Total Work Hours from Exhibit C-2)}} \times \$ \frac{49.96}{\text{(Average Hourly Rate from Exhibit C-2)}} = \text{TOTAL DIRECT SALARY } \$ \underline{82,833.68}$$

Multiplier to be used on this project: 2.80  
Allowable Multiplier = (2.8 DSE) (2.5 or 2.8 CM) (2.5 PMO)

**DIRECT REGULAR SALARY TIMES MULTIPLIER** \$ 231,934.30

**B. REIMBURSABLE DIRECT COSTS NOT ELIGIBLE FOR PROFIT**

(For Prime Consultant listed above.)

**TOTAL DIRECT COSTS** \_\_\_\_\_

**C. SERVICES BY OTHERS**

Total Allowable Fee DBE/MBE/WBE Subconsultant (from Exhibit H) \$ \_\_\_\_\_ -

Total Allowable Fee Non-DBE/MBE/WBE Subconsultant (from Exhibit H (cont)) \$ \_\_\_\_\_ -

**TOTAL SERVICES BY OTHERS** \$ \_\_\_\_\_ -

**D. ADDITIONAL SERVICES** (Prime Consultant)

\_\_\_\_\_  
(Requires prior authorization before use)

**ADDITIONAL SERVICES** (Subconsultants)

\_\_\_\_\_  
(Requires prior authorization before use)

**TOTAL ADDITIONAL SERVICES** \$ \_\_\_\_\_ -  
(Requires prior authorization before use)

**E. MAXIMUM ALLOWABLE FEE** (Upper Limit of Compensation)

**\$ 231,934.30**

Contract No.: I-17-4296 Consultant: H W Lochner, Inc.

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 15 No. OF MONTHS  
 SCHEDULED START DATE: 51/2019  
 RAISE DATE: 7/1/2019  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	51/2019	-	6/30/2019	Date	7/1/2019	-	6/30/2020	Date	7/1/2020	-	7/31/2020	Date	-	-
	2.0		12.0		1.0		15.0		15.0		15.0		15.0	
	13.33%		80.00%		6.67%		Escalation Factor Second Period		Escalation Factor Third Period		Escalation Factor Fourth Period		Escalation Factor Fifth Period	

**ESCALATION PER YEAR Year 6 through 10**

Date	-	-	-	Date	-	-	-	Date	-	-	-	Date	-	-
	15.0		15.0		15.0		15.0		15.0		15.0		15.0	
	Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period		Escalation Factor Ninth Period		Escalation Factor Tenth Period					

The escalation factor for this project is: 100.00%

Contract No.: I-17-4296

Consultant: HW Lochner, Inc.

Date: 4/17/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

<b>EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES</b>										<b>DIRECT COST</b>	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Total		OVERTIME PREMIUM		
							Estimated Work Hours:	Estimated O/T Hours:	Average Premium O/T Hourly Rate:	Total Overtime Premium:	
No	Principal	\$50.00	\$70.00				1,658.00				
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	98.00					
No	Senior Engineer/Planner	\$40.00	\$70.00	\$62.85	\$62.85	520.00					
No	Resident Engineer	\$40.00	\$70.00								
No	Project Engineer/Planner	\$25.00	\$60.00	\$49.63	\$49.63	420.00					
No	Staff Engineer/Planner	\$20.00	\$40.00								
No	Engineer /Accountant	\$20.00	\$60.00	\$34.54	\$34.54	250.00					
No	Senior Technical Specialist	\$25.00	\$60.00	\$48.73	\$48.73	80.00					
No	Technical Specialist	\$15.00	\$50.00	\$33.65	\$33.65	260.00					
No	Architect	\$30.00	\$70.00								
No	Realty Specialists	\$20.00	\$70.00								
No	Intern	\$8.25	\$20.00								
No	Admin/Clerical	\$8.25	\$40.00	\$38.95	\$38.95	30.00					

Contract No.: I-17-4296

Consultant: H W Lochner, Inc.

Date: 4/17/2019

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal			\$50 - \$70
Project Manager	Senior Project Manager	Cholewa, Richard W	\$40 - \$70
	Senior Project Manager	Desmaretz, Kenneth L	
	Senior Project Manager	Herring, Daniel Walton	
	Senior Project Manager	Hong, Jianqing	
	Project Manager	Kassay, A. Kevin	
	Project Manager	McKenna, Andrew W	
	Project Manager	Shannon, David	
	Senior Project Manager	Zorn, Michael	
Senior Engineer/Planner	Senior Structural Engineer	Khan, Arsalan	\$40 - \$70
	Senior Structural Engineer	Nusekabel, Kent G	
	Senior Structural Engineer	Steffen, Glenn W	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Project Engineer	Bender, Douglas M.	\$25 - \$60
	Project Engineer	Hawks, Jeffrey Adam	
	Project Engineer	Shelton, Matthew Allen	
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant	Structural Engineer	Anguiano Keller, Alejandro	\$20 - \$60
	Engineer	Dadabhoy, Ziyad	
	Structural Engineer	Farhat, Maen Ali	
	Engineer	Ganbold, Tsogt	
	Engineer	Hansen, David Lee	
	Engineer	Khalid, Obaid	
	Structural Engineer	Kotha, Meghana	
	Engineer	Lau, Alexander	
	Structural Engineer	Lohan, Andrew	
	Structural Engineer	Martin, Michael W	
	Structural Engineer	McNally, Jordan William	
	Engineer	Nardulli, Jacob	
	Structural Engineer	Noack, Brad L J	
	Engineer	Polydoris, Diane Nicole	
	Engineer	Wielgos, Janusz	
Senior Technical Specialist	Senior Technician	Danley, Raymond C	\$25 - \$60
	Senior Technician	Ledezma, Ismael	
	GIS Analyst	Martin, John	

Contract No.: I-17-4296

Consultant: H W Lochner, Inc.

Date: 4/17/2019

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

<b>Tollway Classification</b>	<b>Consultant Classification (specific to each company)</b>	<b>Consultant Employee Name (SEE NOTE 1 TO RIGHT)</b>	<b>Range per Hour</b>
Technical Specialist	CAD Technician	Finowicki, Elizabeth	\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Marketing	FitzPatrick, Megan	\$8.25 - \$40
	Clerical	Garbacz, Lois J	



Contract No.: I-17-4296

Consultant: H W Lochner, Inc.

**EXHIBIT E - KEY PROJECT PERSONNEL**

Project Principal: \_\_\_\_\_

Project Manager: \_\_\_\_\_

Project Engineer: \_\_\_\_\_

Resident Engineer: \_\_\_\_\_

Documentation Engineer: \_\_\_\_\_

Project Civil Engineer: \_\_\_\_\_

Project Structural Engineer: \_\_\_\_\_

Project Drainage Engineer: \_\_\_\_\_

Senior Engineer: \_\_\_\_\_

Others:      Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_



**EXHIBIT F**  
**Supplement to Scope of Services**

**Tollway Contract I-17-4296**

**I-294, ROADWAY RECONSTRUCTION, 95<sup>TH</sup> STREET  
(M.P.17.8) TO LAGRANGE ROAD (M.P. 20.7)**

**H.W. Lochner, Inc.**

July 2018

**I-294, ROADWAY RECONSTRUCTION, 95<sup>TH</sup> STREET (M.P.17.8) TO  
LAGRANGE ROAD (M.P. 20.7)  
I-17-4296  
SUPPLEMENT TO THE SCOPE OF WORK  
H.W. LOCHNER. INC.  
JUNE 2018**

**INTRODUCTION**

This document is for professional services that are in addition to Lochner's September 2017 Exhibit F Refinement to the Scope of Work. The additional work is to address the proposed retaining wall adjacent to and running parallel to the Northbound (NB) entrance ramp from Archer Avenue and near the property line of Sterling Estates.

The General Assumptions, Exclusions and Contingency Tasks are described in the Exhibit F Refinement to the Scope of Work prepared by HDR and apply to H.W. Lochner's scope of services.

**LOCHNER SCOPE OF SERVICES**

**CONCEPT and PHASE I DESIGN**

Lochner's scope of services includes the necessary investigation of up to two potential wall alternatives and three foundation types and preparation of a Type, Size and Location (TS&L) drawing for the proposed wall TS20.60R,NB. Geometry for the proposed wall will be developed by HDR as part of the roadway modeling. The TS&L will be developed in accordance with the latest Tollway Structure Manual and IDOT Bridge Manual. Foundation borings, geotechnical investigation and report along with recommendations will be completed by others for this proposed wall.

**PHASE II PLANS, SPECIFICATIONS AND ESTIMATES**

**Phase II Structural Engineering**

Lochner will provide Phase II structural analysis and design, plan production, generation of required special provisions and cost estimates for the proposed wall adjacent to Sterling Estates.

- Plan Production
  - General Plan & Elevation
  - General Notes/Bill of Materials
  - Typical sections (with adjacent roadway sections, backfill details, utility details, etc.)
  - Detail plan, elevation and sections
  - Wall support details for street lighting, signage, traffic signal
  - Reinforcing schedule
  - Architectural finish details
  - Soil borings
- Quantity take-offs

- Construction Cost Estimates
- Special provisions
- Addressing and providing dispositions to the review comments per conceptual/prelim/prefinal/final (30/60/95/100) submittals

The intent is that the proposed wall will replace the existing modular block wall at the same location. The proposed noise wall PR-TS20.55N, NB will be supported independently and is not included in this scope and estimate. Architectural design and details are also excluded from this scope and design estimate.

**EXHIBIT G**

**Contract No. I-17-4296**

**H.W. Lochner, Inc.**

**CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
RR-14-4221	PH I and PH II Engineering-I-294 Mile Long Bridge	\$13,869,797.00	\$4,954,999.00	12/31/2020
RR-16-4250	PH III Engineering Services - Various Locations on the Tollway System	\$3,000,000.00	\$115,597.00	6/30/2019
RR-16-4357	PH II Design Engineering Services to HDR, Inc. (Gonzalez Companies, LLC)	\$8,000.00	\$6,459.00	7/31/2019
RR-18-4360	PH III Engineering Construction Management Upon Request Systemwide On call and as-needed (Cotter)	\$450,000.00	\$401,470.00	6/30/2019
I-16-4274	PH III Engineering Reagan Memorial Tollway, Roadway and Bridge Rehabilitation, IL 251 (M.P. 76.1) to Annie Glidden Road (M.P. 91.4)	\$203,104.00	\$200,970.00	12/31/2019
I-17-4296	Tri-State Tollway Roadway Reconstruction MP 17.8 to 20.7 Design Engineering Services	\$2,023,821.00	\$1,592,113.00	11/27/2022
I-18-4356	PH III Engineering, Tri-State Tollway (I-294), Roadway and Bridge Rehabilitation and Widening, Wolf Road (M.P. 36.2) and the Balmoral Ave. (M.P. 40.0)	\$12,000,000.00	\$8,362,204.00	6/1/2021
I-18-4411	Tri-State Tollway (I-294) Bridge Reconstruction, Mile Long Bridge (Bowman Consulting)	\$144,327.00	\$144,327.00	10/31/2022
PTB 190-039	Various Engineering Services for Structure Projects Statewide	\$1,500,000.00	\$1,500,000.00	4/30/2024
PTB 501-001	PH I Tier 1 EIS and ROD from IL Rte 6 N. of Peoria to Interstate 74 near Morton, IL	\$287,806.00	\$236,183.00	3/31/2020
PTB 185-016	PH I Route Interstate 90	\$2,254,599.00	\$2,005,501.00	11/20/2020
US 45 Milburn Bypass	PH III Engineering Services	\$2,398,994.00		12/31/2019
PTB 157-005	PH II Engineering US 6 IL 7	\$4,011,735.00	\$28,994.00	12/31/2019
PTB 154-031	PH I Engineering IL 47 / US 30	\$3,054,150.00	\$327,758.00	12/31/2019
	City of Chicago CDOT Bridge Repair Projects (DB Sterlin)	\$171,039.00	\$171,039.00	12/31/2020
71111	City of Chicago DOWM	\$10,000,000.00	\$10,000,000.00	6/14/2023

**EXHIBIT H - SERVICES BY OTHERS (continued)**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)**

1	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Direct Labor</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 5%;"></td> <td style="width: 45%;"></td> </tr> <tr> <td>Direct Costs</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Services by Others</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></td> <td></td> <td style="text-align: right;"><b>\$</b></td> <td style="text-align: center;">-</td> <td></td> </tr> </table>	Direct Labor					Direct Costs					Services by Others					Additional Services **					<b>Total this Subconsultant (ULC)</b>		<b>\$</b>	-	
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\*\* Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ -

**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

<p>1 _____</p> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>	<p>6 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ _____ -</p> <p>Services by Others \$ _____ -</p> <p>Additional Services ** \$ _____ -</p> <p>Total this Subconsultant (ULC) \$ _____ -</p>
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\*\* Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): \_\_\_\_\_

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): \_\_\_\_\_

# Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: HR Green, Inc.

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website



Contract Number: 1-17-4296

Consultant: HR Green, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2019												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Constructability Review					2	2	2	2	2	2	2	2	2	2	16
Utility Relocation Review and Documentation					36	35	35	35	35	35	35	35	35	35	281
Utility Coordination					8	8	8	8	8	8	8	8	8	8	64
Administration					2	1	1	1	1	1	1	1	1	1	9
<b>TOTALS</b>					48	46	46	46	46	46	46	46	46	46	370

**Grand Total Exhibit A Hours** 683

Contract Number: I-17-4296

Consultant: HR Green, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2020												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Constructability Review	2	2	2	2	2	2	2							14
Utility Relocation Review and Documentation	35	35	35	35	35	30	30							235
Utility Coordination	8	8	8	8	8	8	8							56
Administration	1	1	1	1	1	1	2							8
TOTALS	46	46	46	46	46	41	42							313



Contract No.: I-17-4296 Consultant: HR Green, Inc.

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 15 No. OF MONTHS  
 SCHEDULED START DATE: 5/1/2019  
 RAISE DATE: 4/1/2020  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date
5/1/2019	3/31/2020	4/1/2020	7/31/2020	-	-
11.0	15.0	4.0	15.0	15.0	15.0
73.33%	Escalation Factor First Period	26.67%	Escalation Factor Second Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date
-	-	-	-	-	-
15.0	15.0	15.0	15.0	15.0	15.0
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period	Escalation Factor Tenth Period

The escalation factor for this project is: 100.00%

Contract No.: I-17-4296

Consultant: HR Green, Inc.

Date: 4/17/2019

Escalation Factor: 100.00%  
(From Exhibit C-1)

**EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES**

Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	DIRECT COST	
							Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	1.00	Estimated O/T Hours: 8.00	
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	8.00	Average Premium O/T Hourly Rate: \$19.98	
No	Senior Engineer/Planner	\$40.00	\$70.00	\$70.00	\$70.00	215.00	Total Overtime Premium: \$159.84	
No	Resident Engineer	\$40.00	\$70.00	\$56.78	\$56.78	30.00		
No	Project Engineer/Planner	\$25.00	\$60.00	\$44.98	\$44.98	340.00		
No	Staff Engineer/Planner	\$20.00	\$40.00	\$30.22	\$30.22	32.00		
No		\$20.00	\$60.00	\$37.82	\$37.82	27.00		
Yes	Senior Technical Specialist	\$25.00	\$60.00	\$39.95	\$39.95	12.00		
No	Technical Specialist	\$15.00	\$50.00					
No	Architect	\$30.00	\$70.00					
No	Realty Specialists	\$20.00	\$70.00					
No	Intern	\$8.25	\$20.00					
No	Admin/Clerical	\$8.25	\$40.00	\$27.27	\$27.27	18.00		

EXHIBIT "1"

Contract No.: I-17-4296

Consultant: HR Green, Inc.

Date: 4/17/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	President - Business Line	David Dougherty	\$50 - \$70
Project Manager	Sr. Project Manager	Anthony Simmons	\$40 - \$70
Senior Engineer/Planner	Construction Manager	Andrew Keyster	\$40 - \$70
	Senior Project Manager	Sean LaDieu	
Resident Engineer	Construction Engineer III	James Wieser	\$40 - \$70
Project Engineer/Planner	Project Engineer II	Jason Roitburd	\$25 - \$60
Staff Engineer/Planner	Staff Engineer I	Sylwia Kokoszka	\$20 - \$40
Engineer /Accountant	Project Engineer I	George Foutris	\$20 - \$60
Senior Technical Specialist	Senior Design Technician	Ryan Best	\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Project Coordinator	Gail Maldonado	\$8.25 - \$40
	Accounting Specialist II	Jennifer Schiavone	

Contract No.: I-17-4296 Consultant: HR Green, Inc.

**EXHIBIT D**

**REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES**

- A. **VEHICLE REIMBURSEMENT - rate based on link below**  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>
  
- B. **ALLOWABLE DIRECT COSTS - based on link below**  
[https://www.illinoistollway.com/documents/20184/238673/LG\\_TOL\\_LWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_12132013.PDF/b3dab3](https://www.illinoistollway.com/documents/20184/238673/LG_TOL_LWAY_XX_ALLOWABLEDIRECTCOSTS_12132013.PDF/b3dab3)
  
- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

**DIRECT COST CATEGORY**

\_\_\_\_\_  
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TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)      \$      159.84



## ALLOWABLE DIRECT COSTS

09.12.2018

Effective for contracts awarded on or after August 1, 2018, the following costs are allowable when requested by the Tollway and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (up to State rate maximum)
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost
Air Fare	Coach Rate with 2 weeks advance purchase with ISTHA approval
Vehicles	
Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Vehicle Rental (including tolls)	Actual cost up to \$55/day
Vehicle Owned or Leased (does not include personal vehicles, not owned by the company) (includes tolls)	\$65/full day, \$32.50/half day (4 hours or less)
Parking	Actual Cost
Tolls (Personal Vehicles only)	Actual Cost
Overtime	Premium portion
Shift Differential	Actual cost (based on firm's policy)
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$450.00/Mo)
Monuments – Permanent	Actual Cost
Advertisements	Actual Cost
2-way Radio	Actual cost (Survey or Phase III only)
Telephone Usage	Actual Cost (Traffic System Monitoring Only)
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography, mapping and drone usage	Actual Cost
Utility exploratory trenching	Actual Cost

## ALLOWABLE DIRECT COSTS

- \*website for State Reimbursement Rates  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a “tool of the trade.”

## ALLOWABLE DIRECT COSTS

The number of days will be calculated as follows for extended stay \*\*- Weekly (vehicle and hotel) – Number of days on job site plus one day to travel to and from job site per week.

\*\*Extended Stay Status applies to individuals on the project over 20 Consecutive working days. The decision whether individuals will stay over the weekend will be made after the Contractor's schedule is available and shall be made jointly by the Consultant Liaison and the Tollway project manager.

### NOTES:

- For CM contracts, beam and cylinder breaks are not reimbursable. Overtime to employees traveling to and from the site will be allowed depending on the firm's policy and limited to the Tollway's CM Manual allowance.

Contract No.: I-17-4296

Consultant: HR Green, Inc.

**EXHIBIT E - KEY PROJECT PERSONNEL**

Project Principal: \_\_\_\_\_

Project Manager: \_\_\_\_\_

Project Engineer: \_\_\_\_\_

Resident Engineer: \_\_\_\_\_

Documentation Engineer: \_\_\_\_\_

Project Civil Engineer: \_\_\_\_\_

Project Structural Engineer: \_\_\_\_\_

Project Drainage Engineer: \_\_\_\_\_

Senior Engineer: \_\_\_\_\_

Others:      Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

**EXHIBIT F**

**Contract No. I-17-4296**

**HR Green, Inc.**

**SCOPE OF SERVICES**

Scope of services is the same as original contract scope of services; however, but will cover additional area of Archer Interchange. Additionally, DCM has requested additional documentation since the original scope of services (added the NWO form) and additional coordination requirements.

**EXHIBIT G**

**Contract No. I-17-4296**

**HR Green, Inc.**

**CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
D-91-575-10	PTB 156-09 - Various Phase II Projects for Plan Preparation, Plan Review, and Surveying, Various Routes, Various Counties	\$1,500,000.00	\$0.00	Closed
P-91-201-13 & D-91-201-13	PTB 167-18 - US 30 from West of Dugan Road to East of IL 47, Phase I/II Project in Kane County	\$1,360,000.00	\$500,000.00	6/30/2020
D-91-101-15	PTB 174-07 - Various Phase II Projects for Plan Preparation, Plan Review, and Surveying, Various Routes, Various Counties	\$1,500,000.00	\$100,000.00	12/31/2019
D-91-119-16	PTB 178-06 - Project Manager (PM) Phase I, II, and/or Phase III engineering services for IDOT Local Agency Projects	\$5,000,000.00	\$120,000.00	7/30/2019
C-91-003-15	PTB 173-17 - Sub to 2im. Various Construction Inspection Projects for Various Expressways & Arterial Roadside Maintenance and Repair Projects	\$200,000.00	\$200,000.00	12/31/2018
C-93-006-18	PTB 181-11 - US 34 from Eldamain Road to Center Parkway, Phase III Project, Kendall County	\$1,993,000.00	\$1,993,000.00	12/31/2020
C-93-084-17	PTB 184-16 - Various Phase III Projects, Various Routes, Various Counties, Region Two/District Three (Subconsultant)	\$382,000.00	\$200,000.00	7/1/2023
D-91-230-18	PTB 186-004 - Various Phase II Traffic Signal Design Projects, Various Routes, Various Counties, Region One, District One (Subconsultant)	\$7,500.00	\$20,000.00	7/1/2022

**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

1	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

6	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

2	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

7	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

3	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

8	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

4	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

9	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

5	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

10	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

\*\* Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): \_\_\_\_\_

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): \_\_\_\_\_



**EXHIBIT H - SERVICES BY OTHERS (continued)**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)**

1	_____	
	Direct Labor	_____
	Direct Costs	_____
	Services by Others	_____
	Additional Services **	_____
	Total this Subconsultant (ULC)	\$ - -

6	_____	
	Direct Labor	_____
	Direct Costs	\$ -
	Services by Others	\$ -
	Additional Services **	\$ -
	Total this Subconsultant (ULC)	\$ -

2	_____	
	Direct Labor	_____
	Direct Costs	_____
	Services by Others	_____
	Additional Services **	_____
	Total this Subconsultant (ULC)	\$ -

7	_____	
	Direct Labor	\$ -
	Direct Costs	\$ -
	Services by Others	\$ -
	Additional Services **	\$ -
	Total this Subconsultant (ULC)	\$ -

3	_____	
	Direct Labor	\$ -
	Direct Costs	\$ -
	Services by Others	\$ -
	Additional Services **	\$ -
	Total this Subconsultant (ULC)	\$ -

8	_____	
	Direct Labor	\$ -
	Direct Costs	\$ -
	Services by Others	\$ -
	Additional Services **	\$ -
	Total this Subconsultant (ULC)	\$ -

4	_____	
	Direct Labor	\$ -
	Direct Costs	\$ -
	Services by Others	\$ -
	Additional Services **	\$ -
	Total this Subconsultant (ULC)	\$ -

9	_____	
	Direct Labor	\$ -
	Direct Costs	\$ -
	Services by Others	\$ -
	Additional Services **	\$ -
	Total this Subconsultant (ULC)	\$ -

5	_____	
	Direct Labor	\$ -
	Direct Costs	\$ -
	Services by Others	\$ -
	Additional Services **	\$ -
	Total this Subconsultant (ULC)	\$ -

10	_____	
	Direct Labor	\$ -
	Direct Costs	\$ -
	Services by Others	\$ -
	Additional Services **	\$ -
	Total this Subconsultant (ULC)	\$ -

\*\* Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ -

# Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: Orion Engineers, LLC

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website

Contract Number: I-17-4296

Consultant: Orion Engineers, LLC

Orion Engineers, LLC

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2019												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Admin/PM/QA/QC					1	1	1	1	1	1	1	1	1	8
Utility Coordination					4	4	4	4	4	4	4	4	4	32
Roadway Design					36	36	36	36	36	36	36	36	36	288
<b>TOTALS</b>					41	41	41	41	41	41	41	41	41	328

Grand Total Exhibit A Hours 580

Contract Number: I-17-4296

Consultant: Orion Engineers, LLC

Orion Engineers, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2020												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Admin/PM/QA/QC	1	1	1	1	1	1	1	1	1					7
Utility Coordination	2	2	2	2	2	2	2	2	2					14
Roadway Design	33	33	33	33	33	33	33	33	33					231
<b>TOTALS</b>	36	36	36	36	36	36	36	36	36	36	36	36	36	252



Contract No.: I-17-4296 Consultant: Orion Engineers, LLC

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 15 No. OF MONTHS  
 SCHEDULED START DATE: 5/1/2019  
 RAISE DATE: 1/1/2020  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date
5/1/2019 - 12/31/2020	1/1/2020 - 7/31/2020	-	-	-	-
8.0	7.0	15.0	15.0	15.0	15.0
53.33%	46.67%	Escalation Factor Fifth Period			
Escalation Factor First Period		Escalation Factor Second Period		Escalation Factor Fourth Period	

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date
-	-	-	-	-	-
15.0	15.0	15.0	15.0	15.0	15.0
Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Tenth Period	

The escalation factor for this project is: 100.00%

Contract No.: I-17-4296

Consultant: Orion Engineers, LLC

Date: 4/17/2019

Escalation Factor: 100.00%  
(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES										DIRECT COST	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	OVERTIME PREMIUM				
							Escalated Average Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)			
No	Principal	\$50.00	\$70.00	\$65.00	\$65.00	22.00	Total Estimated O/T Hours: 580.00				
No	Project Manager	\$40.00	\$70.00	\$60.00	\$60.00	98.00	Average Premium O/T Hourly Rate: \$41.09				
No	Senior Engineer/Planner	\$40.00	\$70.00	\$43.27	\$43.27	140.00	Total Overtime Premium: \$23,832.20				
No	Resident Engineer	\$40.00	\$70.00								
No	Project Engineer/Planner	\$25.00	\$60.00	\$35.00	\$35.00	200.00					
No	Staff Engineer/Planner	\$20.00	\$40.00	\$28.85	\$28.85	120.00					
No	Engineer /Accountant	\$20.00	\$60.00								
No	Senior Technical Specialist	\$25.00	\$60.00								
No	Technical Specialist	\$15.00	\$50.00								
No	Architect	\$30.00	\$70.00								
No	Realty Specialists	\$20.00	\$70.00								
No	Intern	\$8.25	\$20.00								
No	Admin/Clerical	\$8.25	\$40.00								



Contract No.: I-17-4296

Consultant: Orion Engineers, LLC

Date: 4/17/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	President	Charles Frangos	\$50 - \$70
	Executive Vice President	Shawon Carlstrom	
Project Manager	Director	Andrew Walton	\$40 - \$70
	Director	Lukas Janulis	
Senior Engineer/Planner	Senior Engineer	Abdul Mohammed	\$40 - \$70
	Senior Engineer	Justin Solan	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Project Engineer	Lindsey Burke	\$25 - \$60
Staff Engineer/Planner	Staff Engineer	Michael Mlekowski	\$20 - \$40
	Staff Engineer	Mary Boyajian	
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40

Contract No.: I-17-4296 Consultant: Orion Engineers, LLC

**EXHIBIT D**

**REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES**

- A. **VEHICLE REIMBURSEMENT - rate based on link below**  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
  
- B. **ALLOWABLE DIRECT COSTS - based on link below**  
[https://www.illinoistollway.com/documents/20184/238673/LG\\_TOL\\_LWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_12132013.PDF/b3dab3](https://www.illinoistollway.com/documents/20184/238673/LG_TOL_LWAY_XX_ALLOWABLEDIRECTCOSTS_12132013.PDF/b3dab3)
  
- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

**DIRECT COST CATEGORY**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) \$ 269.84

# ALLOWABLE DIRECT COSTS

09.12.2018

Effective for contracts awarded on or after August 1, 2018, the following costs are allowable when requested by the Tollway and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (up to State rate maximum)
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost
Air Fare	Coach Rate with 2 weeks advance purchase with ISTHA approval
Vehicles	
Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Vehicle Rental (including tolls)	Actual cost up to \$55/day
Vehicle Owned or Leased (does not include personal vehicles, not owned by the company) (includes tolls)	\$65/full day, \$32.50/half day (4 hours or less)
Parking	Actual Cost
Tolls (Personal Vehicles only)	Actual Cost
Overtime	Premium portion
Shift Differential	Actual cost (based on firm's policy)
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$450.00/Mo)
Monuments – Permanent	Actual Cost
Advertisements	Actual Cost
2-way Radio	Actual cost (Survey or Phase III only)
Telephone Usage	Actual Cost (Traffic System Monitoring Only)
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography, mapping and drone usage	Actual Cost
Utility exploratory trenching	Actual Cost

## **ALLOWABLE DIRECT COSTS**

- \*website for State Reimbursement Rates\_  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a “tool of the trade.”

## ALLOWABLE DIRECT COSTS

The number of days will be calculated as follows for extended stay \*\*- Weekly (vehicle and hotel) – Number of days on job site plus one day to travel to and from job site per week.

\*\*Extended Stay Status applies to individuals on the project over 20 Consecutive working days. The decision whether individuals will stay over the weekend will be made after the Contractor's schedule is available and shall be made jointly by the Consultant Liaison and the Tollway project manager.

### NOTES:

- For CM contracts, beam and cylinder breaks are not reimbursable. Overtime to employees traveling to and from the site will be allowed depending on the firm's policy and limited to the Tollway's CM Manual allowance.

Contract No.: I-17-4296

Consultant: Orion Engineers, LLC

**EXHIBIT E - KEY PROJECT PERSONNEL**

**Project Principal:** \_\_\_\_\_

**Project Manager:** \_\_\_\_\_

**Project Engineer:** \_\_\_\_\_

**Resident Engineer:** \_\_\_\_\_

**Documentation Engineer:** \_\_\_\_\_

**Project Civil Engineer:** \_\_\_\_\_

**Project Structural Engineer:** \_\_\_\_\_

**Project Drainage Engineer:** \_\_\_\_\_

**Senior Engineer:** \_\_\_\_\_

**Others:**      Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

                    Name: \_\_\_\_\_

                    Classification: \_\_\_\_\_

**EXHIBIT F**

**Contract No. I-17-4296**

**Orion Engineers, LLC**

**SCOPE OF SERVICES**

**PSB 17-3, Item 1. I-17-4296, Tri-State Tollway, Roadway Reconstruction, 95th Street (M.P. 17.8) to LaGrange Road (M.P. 20.7)**

**Supplement No. 1**

Orion Engineers, LLC (Subconsultant) will assist HDR (DSE) in the preparation of contract plans and specifications for the reconstruction and rehabilitation of the Central Tri-State Tollway (I-294) between 95th Street (M.P. 17.8) and LaGrange Road (M.P. 20.7).

The supplemental scope of work for Orion Engineers, LLC (Subconsultant) is as follows:

**Admin/PM/QAQC (15 hours):**

Administrative, Project Management, and Quality Assurance/Quality Control related items.

**Utility Coordination (46 hours):**

Additional existing utility mapping associated with expanded limits of improvement on Archer Avenue.

**Roadway Design (519 hours):**

Roadway engineering design assistance associated with Archer Avenue.



**EXHIBIT G**

**Contract No. I-17-4296**

**Orion Engineers, LLC**

**CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
RR-15-9976R	Traffic Engineer	\$136,000.00	\$120,757.00	12/31/2019
RR-15-9975R	Consulting Engineer	\$857,856.60	\$688,281.00	12/31/2021
I-17-4676	EOWA North System Interchange Design	\$401,940.00	\$270,665.42	2/28/2020
I-16-4274	Reagan Memorial IL 47 Interchange	\$51,328.00	\$200.00	12/31/2018
RR-16-4276	Systemwide DUR	\$100,000.00	\$98,992.00	12/31/2019
RR-16-4280	Systemwide CUR	\$60,000.00	\$47,363.00	12/31/2019
RR-16-4278	Systemwide CUR	\$75,000.00	\$75,000.00	12/31/2020
I-17-4296	Tri-State Reconstruction, Design	\$317,462.00	\$134,883.48	12/31/2020
I-17-4298	Tri-State Reconstruction, Design	\$225,000.00	\$133,798.00	12/31/2020
I-17-4304	Tri-State Tollway, DUR	\$150,213.20	\$77,555.84	12/31/2019
I-17-4307	Tri-State Advanced ITS Relocation	\$63,471.00	\$150.22	1/31/2019
I-17-4311	Tri-State Geotechnical Upon Request	\$500,000.00	\$439,840.00	12/31/2021
I-17-4681	EOWA IL 19 Interchange, CM	TBD	TBD	TBD
RR-17-4313	Reagan Memorial Rehab, Design	\$48,000.00	\$1,730.00	12/31/2018
RR-18-4383	Tri-State Tollway, Phase I Upon Request	\$250,000.00	\$241,189.07	12/31/2020
RR-18-9016	Systemwide CUR, Non-Roadway	\$125,000.00	\$125,000.00	12/31/2020
I-18-4411	Mile Long Bridge CM	\$602,963.22	\$602,963.22	5/1/2023
I-18-4415	Utility Location Upon Request	\$30,000.00	\$30,000.00	2/1/2022
I-18-4420	I-294 and I-57 CM	TBD	TBD	TBD
RR-18-4382	Stearns School Rd Bridge CM	TBD	TBD	TBD
I-18-4700	EOWA Design Corridor Manager (DCM)	\$590,000.00	\$590,000.00	12/31/2022

**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

1	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	<hr/>	
	Services by Others	<hr/>	
	Additional Services **	<hr/>	
	Total this Subconsultant (ULC)	\$	<hr/> -

6	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	\$	<hr/> -
	Services by Others	\$	<hr/> -
	Additional Services **	\$	<hr/> -
	Total this Subconsultant (ULC)	\$	<hr/> -

2	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	<hr/>	
	Services by Others	<hr/>	
	Additional Services **	<hr/>	
	Total this Subconsultant (ULC)	\$	<hr/> -

7	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	\$	<hr/> -
	Services by Others	\$	<hr/> -
	Additional Services **	\$	<hr/> -
	Total this Subconsultant (ULC)	\$	<hr/> -

3	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	\$	<hr/> -
	Services by Others	\$	<hr/> -
	Additional Services **	\$	<hr/> -
	Total this Subconsultant (ULC)	\$	<hr/> -

8	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	\$	<hr/> -
	Services by Others	\$	<hr/> -
	Additional Services **	\$	<hr/> -
	Total this Subconsultant (ULC)	\$	<hr/> -

4	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	\$	<hr/> -
	Services by Others	\$	<hr/> -
	Additional Services **	\$	<hr/> -
	Total this Subconsultant (ULC)	\$	<hr/> -

9	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	\$	<hr/> -
	Services by Others	\$	<hr/> -
	Additional Services **	\$	<hr/> -
	Total this Subconsultant (ULC)	\$	<hr/> -

5	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	\$	<hr/> -
	Services by Others	\$	<hr/> -
	Additional Services **	\$	<hr/> -
	Total this Subconsultant (ULC)	\$	<hr/> -

10	<hr/>		
	Direct Labor	<hr/>	
	Direct Costs	\$	<hr/> -
	Services by Others	\$	<hr/> -
	Additional Services **	\$	<hr/> -
	Total this Subconsultant (ULC)	\$	<hr/> -

\*\* Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ 

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 -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ 

---

 -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ 

---

 -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): 

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DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): 

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**EXHIBIT H - SERVICES BY OTHERS (continued)**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)**

1	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Direct Labor</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Direct Costs</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Services by Others</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Total this Subconsultant (ULC)</td> <td></td> <td style="text-align: right;">\$</td> <td></td> <td style="text-align: right;">-</td> <td></td> </tr> </table>	Direct Labor						Direct Costs						Services by Others						Additional Services **						Total this Subconsultant (ULC)		\$		-	
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\*\* Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ -

## Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: Quigg Engineering Inc.

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website

Contract Number: 1-17-4296

Consultant: Quigg Engineering Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Environmental Studies and Reports					16	88	28								132
TOTALS					16	88	28								132

Grand Total Exhibit A Hours 132

Contract No.: I-17-4296

Consultant: Quigg Engineering Inc.

**EXHIBIT B: FEE CALCULATIONS**

**A. DIRECT LABOR** (without overtime)

$$\frac{132.00}{\text{(Total Work Hours from Exhibit C-2)}} \times \$ \frac{40.98}{\text{(Average Hourly Rate from Exhibit C-2)}} = \text{TOTAL DIRECT SALARY } \$ \underline{5,409.36}$$

Multiplier to be used on this project:

2.80

Allowable Multiplier = (2.8 DSE) (2.5 or 2.8 CM) (2.5 PMO)

**DIRECT REGULAR SALARY TIMES MULTIPLIER** \$ 15,146.21

**B. REIMBURSABLE DIRECT COSTS NOT ELIGIBLE FOR PROFIT**

(For Prime Consultant listed above.)

**TOTAL DIRECT COSTS** \$ 1,830.00

**C. SERVICES BY OTHERS**

Total Allowable Fee DBE/MBE/WBE Subconsultant (from Exhibit H) \$ -

Total Allowable Fee Non-DBE/MBE/WBE Subconsultant (from Exhibit H (cont)) \$ -

**TOTAL SERVICES BY OTHERS** \$ -

**D. ADDITIONAL SERVICES** (Prime Consultant)

\_\_\_\_\_  
(Requires prior authorization before use)

**ADDITIONAL SERVICES** (Subconsultants)

\_\_\_\_\_  
(Requires prior authorization before use)

**TOTAL ADDITIONAL SERVICES** \$ -  
(Requires prior authorization before use)

**E. MAXIMUM ALLOWABLE FEE** (Upper Limit of Compensation)

**\$ 16,976.21**

Contract No.: I-17-4296

Consultant: Quigg Engineering Inc.

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 3 No. OF MONTHS

SCHEDULED START DATE: 5/1/2019

RAISE DATE: 7/1/2019

PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

5/1/2019	-	6/30/2019	7/1/2019	-	7/31/2019		-			-	
Date		Date	Date		Date	Date	Date	Date	Date	Date	Date
2.0		3.0	1.0		3.0		3.0		3.0		3.0
		66.67%			33.33%						
		Factor First Period			Escalation Factor Second Period				Escalation Factor Third Period		Escalation Factor Fourth Period
											Escalation Factor Fifth Period

**ESCALATION PER YEAR Year 6 through 10**

	-			-			-			-	
Date		Date	Date		Date	Date	Date	Date	Date	Date	Date
3.0		3.0		3.0		3.0		3.0		3.0	
		Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period		Escalation Factor Ninth Period		Escalation Factor Tenth Period	

The escalation factor for this project is: 100.00%



Contract No.: I-17-4296

Consultant: Quigg Engineering Inc.

Date: 4/17/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

<b>EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES</b>							<b>DIRECT COST OVERTIME PREMIUM</b>	
<p>'Yes' must be selected in Column A</p>							<p>Total Estimated Work Hours: <u>132.00</u></p>	
							<p>Average Hourly Rate: <u>\$40.98</u></p>	
							<p>Total Direct Labor <u>\$5,409.36</u></p>	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)
No	Principal	\$50.00	\$70.00					
No	Project Manager	\$40.00	\$70.00					
No	Senior Engineer/Planner	\$40.00	\$70.00	\$54.86	\$54.86	50.00		
No	Resident Engineer	\$40.00	\$70.00					
No	Project Engineer/Planner	\$25.00	\$60.00					
No	Staff Engineer/Planner	\$20.00	\$40.00					
No	Engineer /Accountant	\$20.00	\$60.00					
No	Senior Technical Specialist	\$25.00	\$60.00					
No	Technical Specialist	\$15.00	\$50.00	\$33.41	\$33.41	78.00		
No	Architect	\$30.00	\$70.00					
No	Realty Specialists	\$20.00	\$70.00					
No	Intern	\$8.25	\$20.00					
No	Admin/Clerical	\$8.25	\$40.00	\$15.08	\$15.08	4.00		

Contract No.: I-17-4296

Consultant: Quigg Engineering Inc.

Date: 4/17/2019

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

<b>Tollway Classification</b>	<b>Consultant Classification (specific to each company)</b>	<b>Consultant Employee Name (SEE NOTE 1 TO RIGHT)</b>	<b>Range per Hour</b>
Principal			\$50 - \$70
Project Manager			\$40 - \$70
Senior Engineer/Planner	Engineer IV	Steve Coates	\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner			\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist	Environmental Scientist II	Tim Redel	\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Administrative Assistant	Joyce I. King	\$8.25 - \$40

**EXHIBIT D**

**REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES**

- A. **VEHICLE REIMBURSEMENT - rate based on link below**  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>
- B. **ALLOWABLE DIRECT COSTS - based on link below**  
[https://www.illinoistollway.com/documents/20184/238673/LG\\_TOL\\_LWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_12132013.PDF/b3dab3](https://www.illinoistollway.com/documents/20184/238673/LG_TOL_LWAY_XX_ALLOWABLEDIRECTCOSTS_12132013.PDF/b3dab3)
- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

**DIRECT COST CATEGORY**

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<b>TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)</b>	<b>\$ <u>1,830.00</u></b>
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## ALLOWABLE DIRECT COSTS

09.12.2018

Effective for contracts awarded on or after August 1, 2018, the following costs are allowable when requested by the Tollway and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (up to State rate maximum)
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost
Air Fare	Coach Rate with 2 weeks advance purchase with ISTHA approval
Vehicles	
Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Vehicle Rental (including tolls)	Actual cost up to \$55/day
Vehicle Owned or Leased (does not include personal vehicles, not owned by the company) (includes tolls)	\$65/full day, \$32.50/half day (4 hours or less)
Parking	Actual Cost
Tolls (Personal Vehicles only)	Actual Cost
Overtime	Premium portion
Shift Differential	Actual cost (based on firm's policy)
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$450.00/Mo)
Monuments – Permanent	Actual Cost
Advertisements	Actual Cost
2-way Radio	Actual cost (Survey or Phase III only)
Telephone Usage	Actual Cost (Traffic System Monitoring Only)
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography, mapping and drone usage	Actual Cost
Utility exploratory trenching	Actual Cost

## ALLOWABLE DIRECT COSTS

- \*website for State Reimbursement Rates  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a “tool of the trade.”

## ALLOWABLE DIRECT COSTS

The number of days will be calculated as follows for extended stay \*\*- Weekly (vehicle and hotel) – Number of days on job site plus one day to travel to and from job site per week.

\*\*Extended Stay Status applies to individuals on the project over 20 Consecutive working days. The decision whether individuals will stay over the weekend will be made after the Contractor's schedule is available and shall be made jointly by the Consultant Liaison and the Tollway project manager.

### NOTES:

- For CM contracts, beam and cylinder breaks are not reimbursable. Overtime to employees traveling to and from the site will be allowed depending on the firm's policy and limited to the Tollway's CM Manual allowance.

Contract No.:   I-17-4296  

Consultant:   Quigg Engineering Inc.  

**EXHIBIT E - KEY PROJECT PERSONNEL**

**Project Principal:** \_\_\_\_\_

**Project Manager:** \_\_\_\_\_

**Project Engineer:** \_\_\_\_\_

**Resident Engineer:** \_\_\_\_\_

**Documentation Engineer:** \_\_\_\_\_

**Project Civil Engineer:** \_\_\_\_\_

**Project Structural Engineer:** \_\_\_\_\_

**Project Drainage Engineer:** \_\_\_\_\_

**Senior Engineer:** \_\_\_\_\_

**Others:**      Name: \_\_\_\_\_

                  Classification: \_\_\_\_\_

                  Name: \_\_\_\_\_

                  Classification: \_\_\_\_\_

                  Name: \_\_\_\_\_

                  Classification: \_\_\_\_\_

                  Name: \_\_\_\_\_

                  Classification: \_\_\_\_\_



**EXHIBIT F**

**Contract No. I-17-4296**

**Quigg Engineering Inc.**

**SCOPE OF SERVICES**

Supplemental tree survey in the area of the Archer Ave./LaGrange Rd./I-294 interchange.

**EXHIBIT G**

**Contract No. I-17-4296**

**Quigg Engineering Inc.**

**CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplementals and Extra Work Orders)</b>	<b>Fee Remaining To Be Earned</b>	<b>Estimated Date of Completion</b>
94 RR-14-42	Mile Long Bridge Reconstruction Phase I	\$4,150,000.00	\$75,000.00	11/1/2019
97 PTB 156-	Phase II Engineering, IDOT Dist. 6	\$1,163,000.00	\$430,000.00	6/1/2020
PTB 176-28	BMPR Technicians	\$2,500,000.00	\$300,000.00	12/31/2020
3 I61-21	WCI-80 Bridge Replacements	\$82,000.00	\$42,000.00	6/1/2019
B 187-008	WEnvironmental Surveys	\$11,000.00	\$11,000.00	8/31/2019

**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

1

Direct Labor	_____	
Direct Costs	_____	
Services by Others	_____	
Additional Services **	_____	
Total this Subconsultant (ULC)	\$ _____	-

6

Direct Labor	_____	
Direct Costs	\$ _____	-
Services by Others	\$ _____	-
Additional Services **	\$ _____	-
Total this Subconsultant (ULC)	\$ _____	-

2

Direct Labor	_____	
Direct Costs	_____	
Services by Others	_____	
Additional Services **	_____	
Total this Subconsultant (ULC)	\$ _____	-

7

Direct Labor	_____	
Direct Costs	\$ _____	-
Services by Others	\$ _____	-
Additional Services **	\$ _____	-
Total this Subconsultant (ULC)	\$ _____	-

3

Direct Labor	_____	
Direct Costs	\$ _____	-
Services by Others	\$ _____	-
Additional Services **	\$ _____	-
Total this Subconsultant (ULC)	\$ _____	-

8

Direct Labor	_____	
Direct Costs	\$ _____	-
Services by Others	\$ _____	-
Additional Services **	\$ _____	-
Total this Subconsultant (ULC)	\$ _____	-

4

Direct Labor	_____	
Direct Costs	\$ _____	-
Services by Others	\$ _____	-
Additional Services **	\$ _____	-
Total this Subconsultant (ULC)	\$ _____	-

9

Direct Labor	_____	
Direct Costs	\$ _____	-
Services by Others	\$ _____	-
Additional Services **	\$ _____	-
Total this Subconsultant (ULC)	\$ _____	-

5

Direct Labor	_____	
Direct Costs	\$ _____	-
Services by Others	\$ _____	-
Additional Services **	\$ _____	-
Total this Subconsultant (ULC)	\$ _____	-

10

Direct Labor	_____	
Direct Costs	\$ _____	-
Services by Others	\$ _____	-
Additional Services **	\$ _____	-
Total this Subconsultant (ULC)	\$ _____	-

\*\* Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): \_\_\_\_\_

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): \_\_\_\_\_

# Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: SE3, LLC

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website

Contract Number: I-17-4296

Consultant: SE3, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2018												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		Grand Total Exhibit A Hours
Phase 2 Drainage - Archer Avenue Ramps and Bridges					80	80	80	80	80	80	80	65	625	800
<b>TOTALS</b>					80	80	80	80	80	80	80	65	625	800

Contract Number:

I-17-4296

Consultant:

SE3, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												TOTAL HOURS			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Phase 2 Drainage - Archer Avenue Ramps and Bridges	25	25	25	25	25	25	25									175
<b>TOTALS</b>	25	25	25	25	25	25	25									175



Contract No.: I-17-4296

Consultant: SE3, LLC

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 15 No. OF MONTHS

SCHEDULED START DATE: 5/1/2019

RAISE DATE: 1/1/2020

PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

5/1/2019 - 12/31/2019	1/1/2020 - 7/31/2020				
Date 8.0	Date 7.0	Date	Date	Date	Date
15.0	15.0	15.0	15.0	15.0	15.0
Escalation Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period	Escalation Factor Fifth Period
53.33%	46.67%				

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date
15.0	15.0	15.0	15.0	15.0	15.0
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period	Escalation Factor Tenth Period

The escalation factor for this project is: 100.00%



Contract No.: I-17-4296

Consultant: SE3, LLC

Date: 4/17/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							DIRECT COST OVERTIME PREMIUM	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	10.00		
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	110.00		
No	Senior Engineer/Planner	\$40.00	\$70.00	\$51.93	\$51.93	175.00		
No	Resident Engineer	\$40.00	\$70.00	\$45.08	\$45.08	351.00		
No	Project Engineer/Planner	\$25.00	\$60.00	\$28.73	\$28.73	14.00		
No	Staff Engineer/Planner	\$20.00	\$40.00	\$27.75	\$27.75	21.00		
No	Engineer /Accountant	\$20.00	\$60.00	\$42.23	\$42.23	104.00		
No	Senior Technical Specialist	\$25.00	\$60.00					
No	Technical Specialist	\$15.00	\$50.00					
No	Architect	\$30.00	\$70.00					
No	Realty Specialists	\$20.00	\$70.00					
No	Intern	\$8.25	\$20.00					
No	Admin/Clerical	\$8.25	\$40.00	\$22.65	\$22.65	15.00		
<p><b>Total Estimated Work Hours: 800.00</b></p> <p><b>Average Hourly Rate: \$48.78</b></p> <p><b>Total Direct Labor \$39,024.00</b></p>							<p><b>Total Estimated O/T Hours:</b></p> <p><b>Average Premium O/T Hourly Rate:</b></p> <p><b>Total Overtime Premium:</b></p>	

EXHIBIT "1"

Contract No.: I-17-4296

Consultant: SE3, LLC

Date: 4/17/2019

**EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST**

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	President	Vernal Stewart	\$50 - \$70
Project Manager	Senior Project Manager	Jason R. Martin	\$40 - \$70
		Raymond K. Kumapley	
		Brian K. Scifers	
Senior Engineer/Planner	Project Manager	Steve M. Schuessler	\$40 - \$70
		Daniel G. White	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Project Engineer	David W. Bennett	\$25 - \$60
		Adam R. Moline	
		Ryan R. Doerrer	
Staff Engineer/Planner	Staff Engineer	Evelina Perry	\$20 - \$40
		Stanley Y. Cho	
		Alice W. Ha	
Engineer /Accountant	Accountant	Sandra O. Clocuh	\$20 - \$60
Senior Technical Specialist	Technician	Steven V. Johnson	\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Administrative Assistant	Kristen M. Martin	\$8.25 - \$40
		Nancy J. Carlson	
		Pamela A. Corrello	



## ALLOWABLE DIRECT COSTS

09.12.2018

Effective for contracts awarded on or after August 1, 2018, the following costs are allowable when requested by the Tollway and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (up to State rate maximum)
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost
Air Fare	Coach Rate with 2 weeks advance purchase with ISTHA approval
Vehicles	
Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to State rate maximum
Vehicle Rental (including tolls)	Actual cost up to \$55/day
Vehicle Owned or Leased (does not include personal vehicles, not owned by the company) (includes tolls)	\$65/full day, \$32.50/half day (4 hours or less)
Parking	Actual Cost
Tolls (Personal Vehicles only)	Actual Cost
Overtime	Premium portion
Shift Differential	Actual cost (based on firm's policy)
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$450.00/Mo)
Monuments – Permanent	Actual Cost
Advertisements	Actual Cost
2-way Radio	Actual cost (Survey or Phase III only)
Telephone Usage	Actual Cost (Traffic System Monitoring Only)
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipment/Transcriptions	Actual Cost
Recording Fees	Actual Cost
Courthouse Fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	Actual Cost
Traffic Systems	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography, mapping and drone usage	Actual Cost
Utility exploratory trenching	Actual Cost

## ALLOWABLE DIRECT COSTS

- \*website for State Reimbursement Rates\_  
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

## ALLOWABLE DIRECT COSTS

The number of days will be calculated as follows for extended stay \*\*- Weekly (vehicle and hotel) – Number of days on job site plus one day to travel to and from job site per week.

\*\*Extended Stay Status applies to individuals on the project over 20 Consecutive working days. The decision whether individuals will stay over the weekend will be made after the Contractor's schedule is available and shall be made jointly by the Consultant Liaison and the Tollway project manager.

### NOTES:

- For CM contracts, beam and cylinder breaks are not reimbursable. Overtime to employees traveling to and from the site will be allowed depending on the firm's policy and limited to the Tollway's CM Manual allowance.

Contract No.: I-17-4296

Consultant: SE3, LLC

**EXHIBIT E - KEY PROJECT PERSONNEL**

**Project Principal:** \_\_\_\_\_

**Project Manager:** \_\_\_\_\_

**Project Engineer:** \_\_\_\_\_

**Resident Engineer:** \_\_\_\_\_

**Documentation Engineer:** \_\_\_\_\_

**Project Civil Engineer:** \_\_\_\_\_

**Project Structural Engineer:** \_\_\_\_\_

**Project Drainage Engineer:** \_\_\_\_\_

**Senior Engineer:** \_\_\_\_\_

**Others:** Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

**EXHIBIT F**  
**Contract No. I-17-4296**  
**SE3, LLC**  
**SCOPE OF SERVICES**

Phase 2 Drainage - Archer Avenue Ramps and Bridges

- 1) SE3's scope of services includes the preparation of Phase 2 drainage plans, drainage calculations, drainage specifications and cost estimate.
- 2) Drainage Plans will be developed in accordance with the Tollway's 2019 Drainage Design Manual and IDOT Drainage Manual July 2011.
- 3) SE3 is not responsible for preparing and submitting environmental and drainage related permits.
- 4) Attend internal and external related meetings.
- 5) Attend comment resolution meetings.
- 6) All printing and production costs will be performed by others.



**EXHIBIT G**

Contract No. I-17-4296

SE3, LLC

**CURRENT OBLIGATIONS FOR PROJECT**

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
PTB 159/11	US 45 from IL 132 to Washington St.	\$80,346.25	\$77,785.91	7/31/19
P-91-346-15	Phase I Various Geometrics Program Management	\$369,440.16	\$29,302.16	5/31/19
RR-16-4265	Central Tri-State, DCM Contract	\$13,119,799.56	\$9,407,230.75	4/1/23
D-91-008-14	IL 47 from Charles Road to North of IL Route 120, Phase II	TBD	TBD	TBD
D-91-199-16	Various-Variou	\$6,502.00	\$866.46	7/30/19
RR-18-4379	Reagan Memorial, Roadway & Bridge Rehabilitation	\$300,000.00	\$256,583.18	6/30/19
MO-17-1238	SW PRMS	\$161,000.00	\$142,936.65	8/31/22
P-92-017-10	I-280 over the Mississippi River near Milan, Phase I/II	TBD	TBD	TBD
P-91-119-14	Various/ Various Phase 1	\$103,566.18	\$13,425.02	8/27/19
RR-16-9189	ISTHA PSB 16-1 CUR	\$248,000.00	\$4,102.82	12/30/18
RR-13-4117	Reagan Memorial East West Connector CM	\$217,500.00	\$214,168.61	5/31/19
RR-18-4360	Systemwide CUR	\$300,000.00	\$247,766.82	5/30/2020
RR-18-4355	ITS Services Upon Request Phase II	\$105,000.00	\$104,433.00	6/30/2021
I-17-4304	ISTHA I-294 DUR	\$400,000.00	\$388,948.44	10/31/22
I-17-4308	ISTHA I-294 ITS & Light Install, 95th St to Balmoral	\$250,346.17	\$240,104.99	12/31/22
I-17-4315	ISTHA I-294 CUR	\$250,000.00	\$250,000.00	9/31/22
I-17-4674	EOWA Westbound Collector Distributor Rd Phase II	\$149,250.00	\$5,034.31	11/3/19
RR-16-4276	Systemwide Design Services Upon Request Phase II	\$100,000.00	\$91,946.81	5/31/19
I-17-4296	ISTHA I-294 Recon, 95th St. to LaGarange RD	\$450,796.11	\$263,911.57	11/30/22
C-93-006-18	Const. Inspection for US 34	\$243,414.00	\$243,414.00	9/30/20
D-91-434-12	Master Agreement	\$400,000.00	\$21,637.07	3/31/19
D-91-466-14	PTB 173/12 Various Traffic Signal Design	\$800,000.00	\$448,972.16	12/31/20
M-91-001-18	Phase III Various Const Inspection	\$275,015.00	\$67,312.57	10/1/19
RR-17-4293	SW CUR	\$2,000,000.00	\$299,093.83	12/31/21
I-17-4675	EOWA Eastbound Collector Distributor Rd Phase II	\$92,500.00	\$34,969.44	12/31/19

**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

1	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

6	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

2	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

7	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

3	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

8	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

4	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

9	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

5	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

10	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

\*\* Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): \_\_\_\_\_

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): \_\_\_\_\_

**EXHIBIT H - SERVICES BY OTHERS (continued)**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)**

1	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

6	_____		
	Direct Labor	_____	
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

2	_____		
	Direct Labor	_____	
	Direct Costs	_____	
	Services by Others	_____	
	Additional Services **	_____	
	Total this Subconsultant (ULC)	\$ _____	-

7	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

3	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

8	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

4	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

9	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

5	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

10	_____		
	Direct Labor	\$ _____	-
	Direct Costs	\$ _____	-
	Services by Others	\$ _____	-
	Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-

\*\* Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ \_\_\_\_\_ -

# Contract Information Sheet

Complete the following information and it will be populated on every exhibit.

Consultant Name: Singh & Associates, Inc.

Contract Number: I-17-4296

Proposal Date: 4/17/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

A full set of instructions to complete the exhibits is available on the Tollway's website

Contract Number: 1-17-4296

Consultant: Singh & Associates, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Preliminary PS&E					18	20	40	40	40	40	40	40	40	40	278
Prefinal PS&E									20	20	20	20	20	20	80
Final PS&E						1	1	1	1	1	1	1	1	1	7
PM and coordination															
TOTALS					18	21	41	41	61	61	61	61	61	61	365

Grand Total Exhibit A Hours **712**

Contract Number: I-17-4296

Consultant: Singh & Associates, Inc.

Singh & Associates, Inc.

### EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2020												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Preliminary PS&E	40	40													80
Prefinal PS&E	20	20	20	20	20	20	20								140
Final PS&E		20	20	20	20	20	20								120
PM and coordination	1	1	1	1	1	1	1								7
<b>TOTALS</b>	61	81	41	41	41	41	41	41	41	41	41	41	41	41	347

Contract No.: I-17-4296

Consultant: Singh & Associates, Inc.

**EXHIBIT B: FEE CALCULATIONS**

**A. DIRECT LABOR (without overtime)**

$$\begin{array}{r} \underline{712.00} \\ \text{(Total Work Hours} \\ \text{from Exhibit C-2)} \end{array} \times \$ \begin{array}{r} 43.84 \\ \text{(Average Hourly} \\ \text{Rate from Exhibit} \\ \text{C-2)} \end{array} = \text{TOTAL DIRECT SALARY } \$ \underline{31,214.08}$$

Multiplier to be used on this project:

Allowable Multiplier = (2.8 DSE) (2.5 or 2.8 CM) (2.5 PMO)

2.80

**DIRECT REGULAR SALARY TIMES MULTIPLIER** \$ 87,399.42

**B. REIMBURSABLE DIRECT COSTS NOT ELIGIBLE FOR PROFIT**

(For Prime Consultant listed above.)

TOTAL DIRECT COSTS \_\_\_\_\_

**C. SERVICES BY OTHERS**

Total Allowable Fee DBE/MBE/WBE Subconsultant (from Exhibit H) \$ \_\_\_\_\_ -

Total Allowable Fee Non-DBE/MBE/WBE Subconsultant (from Exhibit H (cont)) \$ \_\_\_\_\_ -

TOTAL SERVICES BY OTHERS \$ \_\_\_\_\_ -

**D. ADDITIONAL SERVICES (Prime Consultant)**

\_\_\_\_\_  
(Requires prior authorization before use)

**ADDITIONAL SERVICES (Subconsultants)**

\_\_\_\_\_  
(Requires prior authorization before use)

TOTAL ADDITIONAL SERVICES \$ \_\_\_\_\_ -  
(Requires prior authorization before use)

**E. MAXIMUM ALLOWABLE FEE (Upper Limit of Compensation)**

\$ 87,399.42



Contract No.: I-17-4296 Consultant: Singh & Associates, Inc.

Date: 4/17/2019

**EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE**

CONTRACT TERM: 15 No. OF MONTHS  
 SCHEDULED START DATE: 5/1/2019  
 RAISE DATE: 1/1/2020  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

5/1/2019 - 12/31/2019	Date	8.0	1/1/2020 - 7/31/2020	Date	7.0		Date		Date
		15.0			15.0				15.0
53.33%	Factor First Period		46.67%	Escalation Factor Second Period					Escalation Factor Fifth Period

**ESCALATION PER YEAR Year 6 through 10**

	Date			Date			Date		Date
		15.0			15.0				15.0
	Escalation Factor Sixth Period			Escalation Factor Seventh Period					Escalation Factor Tenth Period

The escalation factor for this project is: 100.00%



Contract No.: I-17-4296

Consultant: Singh & Associates, Inc.

Date: 4/17/2019

Escalation Factor: 100.00%  
(From Exhibit C-1)

**EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES**

Total Estimated Work Hours: 712.00  
Average Hourly Rate: \$43.84  
Total Direct Labor: \$31,214.08

										<b>DIRECT COST</b>	
										<b>OVERTIME PREMIUM</b>	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Total Overtime Premium:				
							Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)			
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	32.00					
No	Project Manager	\$40.00	\$70.00	\$62.00	\$62.00	74.00					
No	Senior Engineer/Planner	\$40.00	\$70.00								
No	Resident Engineer	\$40.00	\$70.00								
No	Project Engineer/Planner	\$25.00	\$60.00	\$54.00	\$54.00	116.00					
No	Staff Engineer/Planner	\$20.00	\$40.00	\$32.00	\$32.00	246.00					
No	Engineer /Accountant	\$20.00	\$60.00	\$42.00	\$42.00	244.00					
No	Senior Technical Specialist	\$25.00	\$60.00								
No	Technical Specialist	\$15.00	\$50.00								
No	Architect	\$30.00	\$70.00								
No	Realty Specialists	\$20.00	\$70.00								
No	Intern	\$8.25	\$20.00								
No	Admin/Clerical	\$8.25	\$40.00								

EXHIBIT "1"





Contract No.: I-17-4296

Consultant: Singh & Associates, Inc.

**EXHIBIT E - KEY PROJECT PERSONNEL**

**Project Principal:** \_\_\_\_\_

**Project Manager:** \_\_\_\_\_

**Project Engineer:** \_\_\_\_\_

**Resident Engineer:** \_\_\_\_\_

**Documentation Engineer:** \_\_\_\_\_

**Project Civil Engineer:** \_\_\_\_\_

**Project Structural Engineer:** \_\_\_\_\_

**Project Drainage Engineer:** \_\_\_\_\_

**Senior Engineer:** \_\_\_\_\_

**Others:** Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

Name: \_\_\_\_\_

Classification: \_\_\_\_\_

## **EXHIBIT F**

**Contract No. I-17-4296**

**Singh & Associates, Inc.**

### **SCOPE OF SERVICES**

Singh & Associates, Inc. (SINGH), as a sub-consultant to HDR will perform lighting, electrical and ITS design services for Tri-State Tollway, Roadway Reconstruction and Bridge Rehabilitation, I-294 between 95TH Street (M.P.17.8) and Lagrange Road (M.P. 20.7) for Design Contract I-17-4296. The services will be performed in accordance to ISTHA standards.

#### **Scope of Work:**

The Additional scope of work includes following items:

- Electrical Design for temporary and permanent conversion of cash lane to "I-Pass Only" at Toll Plazas 36 and 39.
- Electrical Design for replacement of mainline Open-Road Toll Plaza 39 tolling equipment.
- Design for daytime(tunnel) lighting at the I-294 bridges over 87th Street and Roberts Road.
- Additional lighting design associated with expanded limits of improvement on Archer Avenue.
- Quality control review of temporary traffic signal design for improvements on Archer Avenue.

**EXHIBIT G**

**I-17-4296**

**Singh and Associates, Inc.**

**CURRENT OBLIGATIONS FOR PROJECT**

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplements and Extra Work Orders)	Fee Remaining to be Earned	Estimated Date of Completion
I-12-4041	Elgin-O'Hare Western Access, US 20 to IL 83	\$ 1,600,691	\$ 22,431	12/31/19
I-17-4680	EOWA Construction Administration	\$ 8,504	\$ 8,504	12/31/19
RR-13-4116	I-88, York Road to I-290 (Sub)	\$ 348,300	\$ 2,621	06/30/19
I-13-4623	EOWA at IL 19 Interchange (sub)	\$ 277,449	\$ 82,214	06/30/19
I-14-4196	Jane Addams Memorial Tollway (I-90) and Systemwide, DUR (Sub)	\$ 320,819	\$ 2,048	06/30/19
RR-14-5703	Design Upon Request - Systemwide	\$ 4,500,000	\$ 398,267	06/30/23
RR-14-5703	TO1: Truck Parking Report			
RR-14-5703	TO2: I-94 NV CD at IL Rte 132			
RR-14-5703	TO3: US 6 Bridge over I-294			
RR-14-5703	TO4: CCTV Camera Enhancement			
RR-14-5703	TO5: Fencing & Site Improvement			
RR-14-4224	Tri-State Tollway Roadway Study	\$ 367,000	\$ 4,000	06/30/19
I-16-4249	I-90 and Systemwide Construction Management Services Upon Request (Sub)	TBD		
RR-16-4267	Maintenance Facility Design (Sub)	\$ 36,172	\$ -	12/31/19
I-17-4305 / 22040505	Tri-State Tollway Bridge Rehabilitation, Repairs & Demolition, Various Locations (Sub)	\$ 148,711	\$ 68,818	12/31/19
I-17-4303 / 22040503	Tri-State Tollway Reconstruction and Bridge Rehabilitation, O'Hare Oasis to Balmoral Avenue (Sub)	\$ 340,287	\$ -	12/31/20
I-17-4296 / 22040482	Tri-State Tollway Reconstruction, 95th Street to LaGrange Road (Sub)	\$ 479,368	\$ 204,163	12/31/20
I-17-4306 / 22040506	Tri-State Tollway, Bridge Rehabilitation, Repairs, & Demolition, Various Locations (Sub)	\$ 123,626	\$ 61,852	12/31/19
RR-16-4253	Reagan Memorial Rehab	\$ 100,000	\$ 7,837	12/31/2019
I-17-4681 / 22040494	Elgin O'Hare Western Access, I-490 at IL 19 Interchange. CM Services	TBD		
I-17-4299 / 22040488	Tri-State Tollway Reconstruction, EW Connector to Roosevelt Rd. (Sub)	\$ 151,476	\$ 33,721	12/31/20
I-17-4309 / 22040511	Tri-State Tollway, Advanced MOT Rehabilitation, 95th Street to EW Connector (Sub)	\$ 48,000	\$ 21,681	12/31/19



**EXHIBIT G****I-17-4296****Singh and Associates, Inc.****CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplements and Extra Work Orders)</b>	<b>Fee Remaining to be Earned</b>	<b>Estimated Date of Completion</b>
I-18-4361	EOWA West Extension	\$ 66,461	\$ 66,461	12/31/2019
RR-18-4381	I-88 Pavement and Structural Preservation & Rehab	\$ 260,797	\$ 6,610	12/31/2020
RR-18-4382	Tri-State Tollway, Stearns Sch Rd Bridge Reconstr (MP7.5) Ph2	\$ 322,894	\$ 128,546	12/31/2020
RR-18-4379	I-88 Roadway Bridge Rehabilitation (MP117.8 to MP 123.4)	\$ 160,452	\$ 33,829	12/31/2020
I-18-4357	Construction Administration for Tri-State Tollway, 95th St to LaGrange Rd	\$ 12,000	\$ 5,744	12/31/2019
I-17-4315	Construction Administration for Tri-State Tollway Reconstruction	\$ 12,654	\$ 3,828	6/30/2019
I-18-4357	Construction Administration for Tri-State Tollway, EW Connector to Roosevelt (17-3/004)	\$ 4,931	\$ 690	4/30/2019
D-92-026-11; PTB 158-016	Various Phase I/II Projects (Sub)	\$ 40,500	\$ 3,029	06/30/19
D-92-026-11; PTB 158-016	Various Phase I/II Projects (Sub)	\$ 20,000	\$ 14,027	06/30/19
PTB 168-011	District 1 Various Signals	\$ 600,000	\$ 146,796	07/15/20
PTB 168-006 & P-91-376-13	I94/US 40 Smart Highway Corridor Design (sub)	\$ 369,000	\$ 247,000	12/31/19
PTB 168-016 & D-92-073-11	US 30 BR (West State Street), from Day Avenue to Independence Avenue (sub)	\$ 45,600	\$ 2,000	12/31/19
PTB 171-006 & P-91-195-14	Phase I Various ADA Projects (sub)	\$ 51,000	\$ 283	08/07/19
PTB 172-008 / D-91-354-14	Various ITS and Electrical Projects	\$ 500,000	\$ 215,399	01/23/20
PTB 172-006 / D-91-333-14	Various Phase II Traffic Signal Design Project (sub)	\$ 99,490	\$ -	12/31/19
PTB 173-006 & P-91-442-14	Phase I Various/Various Projects (sub)	\$ 186,134	\$ 63,673	12/31/19

**EXHIBIT G****I-17-4296****Singh and Associates, Inc.****CURRENT OBLIGATIONS FOR PROJECT**

<b>Route &amp; Job No.</b>	<b>Work Scope &amp; Description of Project</b>	<b>Fee (Including all Supplements and Extra Work Orders)</b>	<b>Fee Remaining to be Earned</b>	<b>Estimated Date of Completion</b>
PTB 174-017 & D-30-003-15	Various Pump Station Projects (sub) FAP 344 (IL 83) at IL 171 (Archer Avenue)	\$ 70,650	\$ 30,899	10/15/25
PTB 174-008	South Junction (sub)	\$ 30,000	\$ 1,000	12/31/19
PTB 174-001	Phase I Various Various Projects (sub)	TBD by WO		
PTB 174-003; P-91-130-15	IL 53, West Arsenal Rd to US 52 (Sub)	\$ 41,800	\$ 30,000	12/31/19
PTB 175-011; P-91-224-15	Phase I Various Various Projects (sub)	\$ 163,256	\$ 34,350	12/15/23
PTB 175-015; D-91-113-15	IL 53 & IL 68 (Sub)	\$ 100,245	\$ 13,987	12/31/19
PTB 162-006	REVLAC Rehabilitation	\$ 64,971	\$ 39,780	06/30/19
PTB 181-003	Ph I Engineering for IL 43 (Harlem Ave)	\$ 153,449	\$ 64,692	12/31/19
D-91-115-17; PTB 182-004	Various Phase II Projects (Sub) P3 & Alternative Contract Delivery	\$ 83,858	\$ 24,548	12/31/19
		\$ 80,789	\$ 49,302	12/31/19
PTB 185-014; D-91-215-17	IDOT East Avenue at 47th Street	\$ 654,552	\$ 380,646	12/31/19
PTB 185-001; P-91-002-18	Phase I Various Projects	\$ 41,432	\$ 20,296	12/31/19
PTB 186-001; D-91-229-18	FAI 194 at Montrose Avenue	\$ 31,251	\$ 12,545	06/30/19
PTB 187-006; D-91-253-18	Various Phase II Engineering Services	\$ 56,654	\$ 2,000	06/30/19



**EXHIBIT H - SERVICES BY OTHERS**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**DBE/MBE/WBE SUBCONSULTANTS**

1	<table border="0" style="width: 100%;"> <tr> <td style="width: 20%;">Direct Labor</td> <td style="width: 15%; border-bottom: 1px solid black;"></td> <td style="width: 15%;"></td> <td style="width: 50%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> <td></td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;"><b>\$</b></td> <td style="text-align: right;"><b>-</b></td> </tr> </table>	Direct Labor				Direct Costs				Services by Others				Additional Services **				<b>Total this Subconsultant (ULC)</b>		<b>\$</b>	<b>-</b>
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5	<table border="0" style="width: 100%;"> <tr> <td style="width: 20%;">Direct Labor</td> <td style="width: 15%; border-bottom: 1px solid black;"></td> <td style="width: 15%;"></td> <td style="width: 50%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;"><b>\$</b></td> <td style="text-align: right;"><b>-</b></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;"><b>\$</b></td> <td style="text-align: right;"><b>-</b></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;"><b>\$</b></td> <td style="text-align: right;"><b>-</b></td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;"><b>\$</b></td> <td style="text-align: right;"><b>-</b></td> </tr> </table>	Direct Labor				Direct Costs		<b>\$</b>	<b>-</b>	Services by Others		<b>\$</b>	<b>-</b>	Additional Services **		<b>\$</b>	<b>-</b>	<b>Total this Subconsultant (ULC)</b>		<b>\$</b>	<b>-</b>
Direct Labor																					
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Additional Services **		<b>\$</b>	<b>-</b>																		
<b>Total this Subconsultant (ULC)</b>		<b>\$</b>	<b>-</b>																		

\*\* Additional services funds require prior authorization before use

**TOTAL DBE/MBE/WBE Subconsultants: \$** -

**TOTAL Additional Services DBE/MBE/WBE Subconsultants: \$** -

**TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$** -

**DBE/MBE/WBE Percentage of Total Fee (includes Additional Services):**                     

**DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services):**

**EXHIBIT H - SERVICES BY OTHERS (continued)**

Exhibits A-G must be submitted for each subconsultant listed below. If a subconsultant requires "Services by Others", they must include Exhibit H and attach Exhibits A-G for second tier subconsultants.

**OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)**

1	<hr/>		
Direct Labor			
Direct Costs			
Services by Others			
Additional Services **			
Total this Subconsultant (ULC)	\$	-	-

6	<hr/>		
Direct Labor			
Direct Costs	\$	-	-
Services by Others	\$	-	-
Additional Services **	\$	-	-
Total this Subconsultant (ULC)	\$	-	-

2	<hr/>		
Direct Labor			
Direct Costs			
Services by Others			
Additional Services **			
Total this Subconsultant (ULC)	\$	-	-

7	<hr/>		
Direct Labor			
Direct Costs	\$	-	-
Services by Others	\$	-	-
Additional Services **	\$	-	-
Total this Subconsultant (ULC)	\$	-	-

3	<hr/>		
Direct Labor	\$	-	
Direct Costs	\$	-	
Services by Others	\$	-	
Additional Services **	\$	-	
Total this Subconsultant (ULC)	\$	-	-

8	<hr/>		
Direct Labor	\$	-	
Direct Costs	\$	-	
Services by Others	\$	-	
Additional Services **	\$	-	
Total this Subconsultant (ULC)	\$	-	-

4	<hr/>		
Direct Labor	\$	-	
Direct Costs	\$	-	
Services by Others	\$	-	
Additional Services **	\$	-	
Total this Subconsultant (ULC)	\$	-	-

9	<hr/>		
Direct Labor	\$	-	
Direct Costs	\$	-	
Services by Others	\$	-	
Additional Services **	\$	-	
Total this Subconsultant (ULC)	\$	-	-

5	<hr/>		
Direct Labor	\$	-	
Direct Costs	\$	-	
Services by Others	\$	-	
Additional Services **	\$	-	
Total this Subconsultant (ULC)	\$	-	-

10	<hr/>		
Direct Labor	\$	-	
Direct Costs	\$	-	
Services by Others	\$	-	
Additional Services **	\$	-	
Total this Subconsultant (ULC)	\$	-	-

\*\* Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Additional Services Non-DBE/MBE/WBE Subconsultants: \$ -

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ -