

RESOLUTION NO. 21361

**Background**

It is necessary and in the best interest of The Illinois State Toll Highway Authority (the "Tollway") to obtain Design Services, on the Tri-State Tollway (I-294) from Milepost 29.1 (East West Connector) to Milepost 30.5 (Roosevelt Road), on Contract No. I-17-4299. Quigg Engineering, Inc. has submitted a proposal to provide the services for an upper limit of compensation not to exceed \$2,650,000.00. The proposal is for professional services and the services were procured pursuant to 30 ILCS 500/30-15 of the Illinois Procurement Code.

**Resolution**

The Chief Engineering Officer is authorized to negotiate an agreement with Quigg Engineering, Inc., to obtain Design Services, for Contract No. I-17-4299 with an upper limit of compensation not to exceed \$2,650,000.00, subject to review and approval of the Acting General Counsel. The Chairman or the Executive Director is authorized to execute the Agreement and the Chief Financial Officer is authorized to issue warrants in payment thereof.

Approved by:



Chairman



October 26, 2017

Ms. Lori L. Quigg, President  
Quigg Engineering, Inc.  
2351 S. Dirksen Parkway  
Springfield, IL 62703

**Re: Contract I-17-4299  
Tri-State, Roadway Reconstruction  
EW Connector (Mile Post 29.1) to  
Roosevelt Road (Mile Post 30.5)  
Design Section Engineering Services**

**NOTICE TO PROCEED**

Dear Ms. Quigg:

We are pleased to notify you that the Tollway's Board of Directors has approved your proposal dated September 1, 2017, for Design Section Engineering Services for Contract I-17-4299. You are hereby authorized to commence with the work as of October 26, 2017, and as defined in Exhibit "F" Scope of Work contained in your proposal. A duplicate original of the contract will follow shortly by mail.

In advance of your first billing, the prime and subconsultants (if any) must submit a certified payroll with a signed affidavit for all employees that are listed on the Exhibit C-3 in your contract. The certified payroll should have an effective date after, but within three weeks the effective date of this Notice to Proceed. This document may be submitted by U.S. Mail, other delivery services or by e-mail. Hard copies should be addressed to the attention of **Disbursement Control Supervisor**. The envelope containing the document should be clearly marked "Certified Payroll". The required Certified Payroll may also be delivered electronically to the following address: [accountspayable@getipass.com](mailto:accountspayable@getipass.com). Please send either hard copy or electronic copy, but not both. We request the certified payroll in advance so that upon receipt of your first invoice, any associated issues regarding payroll have an opportunity to be resolved.

This contract is subject to the Illinois Procurement Code 30 ILCS 500. The code requires the General Contractor awarded a Tollway contract to submit certification/disclosure forms from subcontractors of **all** tiers whose contract value exceeds \$50,000. If you have not already submitted the required documentation, the subcontractor forms must be submitted within **15 days** from this Notice-to-Proceed date or after execution of the sub-contract, whichever is later.

Upon request, a copy of the sub-contract agreement must be submitted within fifteen (15) days after execution of the contract, or after execution of the sub-contract, whichever is later, for those sub-contracts with an annual value of more than \$50,000.

Revised: 3/1/2017

**ILLINOIS TOLLWAY**  
2700 Ogden Avenue | Downers Grove, IL 60515 | p. 630.241.6800 | TTY 630.241.6988  
[www.illinoistollway.com](http://www.illinoistollway.com)

Contract I-17-4299  
Notice to Proceed  
Page 2 of 2

In accordance with Design Section Engineer's Manual, Section 7.0 – Quality Assurance, we are requesting submittal of your Consultant Quality Plan, via Tollway's Web-Based Project Management System, within 14 days of receiving this Notice to Proceed, for approval by the Chief Engineering Officer.

Please contact Mike Wicks at 630-241-6800 extension 3927 for further information.

Sincerely,



Paul D. Kovacs, P.E.  
Chief Engineering Officer  
PDK: cmhg

cc:      Greg Stukel  
         Mike Wicks  
         John Donato  
         Contract Services  
         Program Controls  
         Lane Closures

         Dorothy Jablonski  
         Sue Biggs  
         Victoria Santiago

File: 02.4299.01.04 LT\_Tollway\_PDK\_4299Quigg-NTP\_10262017

**1.4.4 Item 4. I-17-4299, Tri-State Tollway, Roadway Reconstruction, East West Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5)**

This project has a 24% D/M/WBE participation goal and 2% VOS/SDVOSBE participation goal.

Phase II engineering services are required for the preparation of contract plans and specifications for the proposed roadway reconstruction and improvements as determined by the Tollway, including, but not limited to, reconstruction of the Tri State Tollway between 95<sup>th</sup> Street (M.P. 17.8) and Balmoral Avenue (M.P. 40.0). This project is for the limits of the Tri-State Tollway between East West Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5). The Tollway is finalizing design and construction limits; therefore the Tollway may modify project limits and scope at the time of negotiations.

This contract may develop one construction package as follows:

1. Mainline contract for Toll Plaza 35 (including bridge repairs to I-88 East West Connector and Cermak Road bridges over I-294)

The work generally encompasses roadway and bridge design and shall include but not be limited to the following:

1. Roadway design.
2. Reconstruction/ rehabilitation of bridges.
3. New drainage structures and modification of existing drainage system.
4. Provide erosion control for all construction zones.
5. Provide design of appropriate landscape and soil erosion/sedimentation control measures as necessary in accordance with the Tollway's Environmental Studies manual.
6. Provide pavement markings, delineators and signage for the contract limits.
7. Provide barrier warrant analysis for all necessary locations and installation of guardrail, anchors and terminals to conform to the current AASHTO Guidelines and Illinois Tollway criteria.
8. Update roadway lighting as required.
9. Provide maintenance of traffic plans including those for impacts to local facilities.
10. Protection and / or relocation of utilities.
11. All other appurtenant and miscellaneous items.

The following structures are included in this project:

- Bridge 201: East West Connector: one crossroad structure
- Bridge 203: Cermak Road: one crossroad structure

Construction estimate: Category C.

Firms must be prequalified by IDOT in the following categories:

**Highways (Freeways)  
Structures (Highway Bridges: Typical)**

The Tollway will allow a prime firm to meet the prequalifications for Structures (Highway Bridges: Typical) through a subconsultant.

Key personnel listed in Exhibit A for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will be responsible for roadway design related issues (must be an Illinois Licensed Professional Engineer).
- The person who will be responsible for structural design related issues (must be an Illinois Licensed Structural Engineer).
- The person(s) who will perform the QC/QA review work of all milestone submittals, who must be an Illinois Licensed Professional Engineer for roadway elements and an Illinois Licensed Structural Engineer for structural elements.

Schedule: Design for this project is scheduled to start in 2017. Construction of this project is not scheduled.

The Consultant must have MicroStation capabilities. All final documents shall be submitted in hard copy and electronic format and follow the CADD STANDARDS Manual.

This project will be managed through the Tollway's web-based project management system. The Consultant will be required to participate in these procedures and will receive training on the system.

The Tollway will furnish the Consultant with guidelines for the Consultant's Quality Program (CQP). The CQP is due fourteen (14) days after Notice to Proceed.

The Consultant who is selected for this project will be notified and scheduled to attend a scope briefing at the Tollway Central Administration office building in Downers Grove.

Key Personnel per PSB item description are circled,

**Exhibit A – Proposed Staff  
PSB 17-3, Item 4**

Please provide the information for the following Key Project Personnel, (Key Project Personnel are defined as those specific positions identified in each PSB Item, and are subject to approval by the Tollway if they change during contract performance), including the staff from the Sub-Consultants. The personnel named in Exhibit A must also be listed on Exhibit D: Availability of Key Project Personnel

<b>Project Manager</b>			
Name:	Michael Vail		
Firm:	Quigg Engineering Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-049256		
Year Registered:	1994	State:	IL
Office Address:	2351 S. Dirksen Parkway		
City:	Springfield	State:	IL

<b>Project Engineer</b>			
Name:	Francis Nelson		
Firm:	Quigg Engineering Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-059187		
Year Registered:	2006	State:	IL
Office Address:	2351 S. Dirksen Parkway		
City:	Springfield	State:	IL

<b>Structural Engineer</b>			
Name:	David Booher		
Firm:	Quigg Engineering Inc.		
Category:	IL Licensed Structural Engineer		
License #:	081-004775		
Year Registered:	1989	State:	IL
Office Address:	6150 S. Florida Ave., Suite 200		
City:	Lakeland	State:	FL

<b>Roadway Engineer</b>			
Name:	Isaac Yun		
Firm:	Michael Baker International		
Category:	IL Licensed Professional Engineer		
License #:	062-062257		
Year Registered:	2009	State:	IL
Office Address:	200 W. Adams St., Suite 2800		
City:	Chicago	State:	IL

<b>Structures QC/QA</b>			
Name:	Amber Seiber		
Firm:	Collins Engineers, Inc.		
Category:	IL Licensed Structural Engineer		
License #:	081-007929		
Year Registered:	2015	State:	IL
Office Address:	123 N. Wacker Drive, Suite 900		
City:	Chicago	State:	IL

<b>Roadway QC/QA</b>			
Name:	Victor Iniguez		
Firm:	A Epstein & Sons International, Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-064643		
Year Registered:	2012	State:	IL
Office Address:	600 West Fulton Street		
City:	Chicago	State:	IL

<b>Drainage Engineer</b>			
Name:	Eric Dean		
Firm:	D'Escoto, Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-063328		
Year Registered:	2011	State:	IL
Office Address:	420 N. Wabash, Suite 200		
City:	Chicago	State:	IL

<b>Geometrics</b>			
Name:	Jennifer Chan		
Firm:	Michael Baker International		
Category:	IL Licensed Professional Engineer		
License #:	062-057473		
Year Registered:	2004	State:	IL
Office Address:	200 W Adams St., Suite 2800		
City:	Chicago	State:	IL

## Exhibit A – Proposed Staff PSB 17-3, continued

The personnel named in Exhibit A must also be listed on Exhibit D: Availability of Key Project Personnel

<b>MOT/Staging</b>			
Name:	Mark J. Piasecki		
Firm:	Civiltech Engineering, Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-063216		
Year Registered:	2011	State:	IL
Office Address:	Two Pierce Place, Ste 1400		
City:	Itasca	State:	IL

<b>Barrier Warrants</b>			
Name:	Mir Alikhan		
Firm:	AMES Engineering, Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-054268		
Year Registered:	2000	State:	IL
Office Address:	5413 Walnut Ave, Suite 2F		
City:	Downers Grove	State:	IL

<b>Lighting</b>			
Name:	Rashesh Patel		
Firm:	SINGH & Associates, Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-064617		
Year Registered:	2012	State:	IL
Office Address:	230 W. Monroe St., Ste. 1400		
City:	Chicago	State:	IL

<b>Geotechnical</b>			
Name:	Jimmie Price		
Firm:	Material Service Testing, Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-068592		
Year Registered:	2016	State:	IL
Office Address:	1327 West Washington Blvd. Ste. 105		
City:	Chicago	State:	IL

<b>Survey</b>			
Name:	William A. Kenter		
Firm:	Quigg Engineering Inc.		
Category:	PLS		
License #:	035-003430		
Year Registered:	2001	State:	IL
Office Address:	235 Meadows Ave.		
City:	East Peoria	State:	IL

<b>Erosion Control/Landscaping</b>			
Name:	Rich Nowack		
Firm:	Quigg Engineering Inc.		
Category:	PLA		
License #:	157-000614		
Year Registered:	1992	State:	IL
Office Address:	2351 S. Dirksen Parkway		
City:	Springfield	State:	IL

<b>Utilities</b>			
Name:	Karl Wilson		
Firm:	J.A. Watts, Inc.		
Category:	IL Licensed Professional Engineer		
License #:	062-053883		
Year Registered:	2000	State:	IL
Office Address:	10400 W Higgins Rd		
City:	Rosemont	State:	IL

<b>Environmental</b>			
Name:	Elizabeth Serdysnki		
Firm:	Quigg Engineering		
Category:			
License #:			
Year Registered:		State:	
Office Address:	6150 S. Florida Ave, Suite 200		
City:	Lakeland	State:	FL

\*If work is being performed by a Sub-consultant list firm name also.

\*\*Note the specific function listed in the Item description for Key Personnel

# PSB 17-3 SOI Project Team: Prime and Sub-Consultant REQUIRED INFORMATION

Note: This instruction will disappear when all data is complete

Item # 4 I-17-4299 Tri-State Tollway, Roadway Reconstruction, EW Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5), Phase II Engineering Services.

Prime Consultant Information		Prime Contact Information (ONLY "1")		Diversity Information		Person under Key Personnel		ISTHA		IDOT		OTHER				
Prime Consultant Firm Name	Prime FEIN Number	Contact Name (1)	Contact Phone Number (1)	Contact Email (1)	Is Firm a D/M/W/BE Yes / No	Does Proposal Contain Mentor Protégé Proposal Yes / No	Commitment of D/M/W/BE on Project, INCLUDING PRIME, IF DBE	Percentage Commitment of VOSB on Project, INCLUDING PRIME, IF VOSB	Key Personnel Project Manager (1)	Key Personnel Project Engineer / Resident Engineer (1)	Total Fee all Projects	Total Fee Remaining all Projects	Total Fee all Projects	Total Fee Remaining all Projects	Total Fee all Projects	Total Fee Remaining all Projects
Quigg Engineering Inc.		Lori Quigg	217-670-0563	lquigg@quiggengineering.com	Yes	No	50.00%	5.00%	Michael Vail	Francis Nelson	\$ 7,480,000	\$ 2,235,000	\$ 15,850,000	\$ 5,151,000	\$ 200,000	\$ 50,000
<b>Sub-Consultant Information</b>		<b>Sub Contact Information (ONLY "1")</b>		<b>Sub Role and % of Work</b>		<b>Achieve Diversity Goal.</b> The awarded consultant will finalize this Plan during negotiations based on the negotiated scope of work. The proposer's total DBE goal and proposed subconsultants shall not change, but the work category and percentage of work for each subconsultant may be adjusted, if necessary, during negotiations. NOTE: Review Instructions Tab										
For Each Sub-Consultant Enter Prime Consultant Firm Name	Sub-Consultant Firm Name	FEIN Number	Provide "1" Project Manager for Sub-Consultant	Role (brief) of Sub-Consultant	Contact Phone Number (1)	Contact Email (1)	Percentage (%) of work to be performed by Sub-Consultant	IL UCP, City of Chgo or N/A	City of Chicago, Cook County or N/A	City of Chicago, Cook County or N/A	Yes or No	Yes or No	Choose from the dropdown menu below	Male or Female	Yes or No	
Quigg Engineering In	Michael Baker International		John O'Neill	Structures, Roadway	312-575-3923	john.oneill@mbakerint.com	20.00%	N/A	N/A	N/A	No	No	Caucasian	Male	No	
Quigg Engineering In	Civiltech Engineering, Inc.		Jonathan Vana	MOT/Sigging, Road	630-773-3900	vana@civitechinc.com	15.00%	N/A	N/A	N/A	No	No	Caucasian	Male	No	
Quigg Engineering In	Epstein & Sons Internat		Thomas Smiles	Roadway	312-429-8314	tsmiles@epsteinglob.com	10.00%	N/A	N/A	N/A	No	No	Caucasian	ESOP	No	
Quigg Engineering In	Collins Engineers, Inc.		James Hamelka	Structures OC/QA	312-236-5117	jhamelka@collinseng.com	5.00%	N/A	N/A	N/A	No	Yes	Caucasian	Male	No	
Quigg Engineering In	Material Service Testing, Inc		Jimmie Price	Geotech	847-787-0320	jprice@msill.com	2.00%	IL UCP	City of Chicago	City of Chicago	No	No	African American	Male	No	
Quigg Engineering In	DESCO, Inc.		Rafael Herrera	Drainage	312-787-0707	hesco@descobinc.com	2.00%	City of Chgo	N/A	Cook County	No	No	Hispanic	Male	No	
Quigg Engineering In	Singh & Associates, Inc.		Harvind Singh	Lighting	312-629-0240	hksur@singhinc.com	2.00%	IL UCP	N/A	Cook County	No	No	Asian Indian	Male	No	
Quigg Engineering In	J.A. Watts, Inc.		Jim Laskero	Utilities	630-816-8336	jlaskero@jwincorporated.com	2.00%	City of Chgo	City of Chicago	N/A	No	No	Caucasian	Female	No	
Quigg Engineering In	Ames Engineering, Inc.		Ahsan Siddiqi	Barrier Warrants	630-737-1987	ahsan.siddiqi@ames.com	2.00%	IL UCP	N/A	N/A	No	No	Asian	Male	No	

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I - 17-4299

# Unified Certification Program - Search

**Contractor Details**

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

[Print](#)

## **Quigg Engineering Inc.**

Lori L. Quigg  
2351 S. Dirksen Pkwy.  
Springfield, IL 62703

**County:** Morgan

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

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

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

**Categories:** Architecture\Engineering

Contractor Details

I-17-4299  
Quigg Eng.

NAICS	Speciality
541320-Landscape Architectural Services	541320- LANDSCAPE ARCHITECTURE
541330-Engineering Services	541330- FREEWAYS LOCATION DRAINAGE
541370-Surveying & Mapping (except Geophysical) Serv.	HYDRAULIC REPORTS - PUMP STATIONS
541620-Environmental Consultant Services	TRAFFIC SIGNALS REHABILITATION RECONSTRUCTION/MAJOR REHABILITATION NEW CONSTRUCTION/MAJOR RECONSTRUCTION AERONAUTICS: DESIGN ROADS AND STREETS WATERWAYS: TYPICAL HIGHWAY STRUCTURE: TYPICAL HIGHWAY STRUCTURE: SIMPLE PUMP STATIONS AERONAUTICS: PLANNING & SPECIAL SERVICES AERONAUTICS: CONSTRUCTION INSPECTION CONSTRUCTION INSPECTION STUDIES: TRAFFIC
	541370- SURVEYING
	541620- ENVIRONMENTAL ASSESSMENT
	SANITARY ENGINEERING

I-17-4299

# Unified Certification Program - Search

**Contractor Details**

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

[Print](#)

**Ames Engineering,  
Inc.**

Ahsan Siddiqi  
5413 Walnut Ave., Ste.  
2F  
Downers Grove, IL  
60515

**County:** DuPage

**Email:** ahsan.siddiqi@amesengineeringinc.com

**Phone:** (630) 737-1987

**Fax:** (630) 470-9891

**Categories:** Architecture\Engineering

**NAICS**

541330-Engineering  
Services

**Speciality**

541330- CONSTRUCTION  
INSPECTION  
LIGHTING  
ELECTRICAL ENGINEERING  
STUDIES: TRAFFIC  
FREEWAYS  
ROADS AND STREETS  
TRAFFIC SIGNALS

**Vendor Information**

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**Vendor Information**

**Business Name** d'Escoto, Inc.  
**Owner** Mr. Federico J. d'Escoto  
**Address** 420 N. Wabash  
 > [Map This Address](#) Suite 200  
 Chicago, IL 60611  
**Phone** 312-787-0707  
**Fax** 312-787-7322  
**Email** [FDESCOTO@DESCOTOINC.COM](mailto:FDESCOTO@DESCOTOINC.COM)  
**Website** <http://www.descotoinc.com>

**Certification Information**

**Certifying Agency** City of Chicago  
**Certification Type** DBE - Disadvantaged Business Enterprise  
**Certification Date** 5/16/2017  
**Renewal Date** 4/1/2018  
**Expiration Date** 4/1/2018  
**Certified Business Description** NAICS 236210 Construction management, industrial building (except warehouses)  
 236220 Construction management, commercial and institutional building  
 237110 Construction management, water and sewage treatment plant  
 237310 Construction management, highway, road, street and bridge  
 237990 Construction management, mass transit  
 237990 Construction management, outdoor recreation facility  
 237990 Construction management, tunnel  
 541310 Architectural (except landscape) services  
 541330 Engineering services  
 541340 Drafting services  
 541350 Building inspection services  
 541511 Custom Computer Programming Services  
 541512 CAD (computer-aided design) systems integration design services  
 541512 CAE (computer-aided engineering) systems integration design services  
 541512 Computer Systems Design Consulting Services  
 541519 Other Computer Related Services  
 541611 Administrative and General management Consulting Services  
 541990 Scientific and Technical Services

**Commodity Codes**

Code	Description
NAICS 236210	Construction management, industrial building (except warehouses)
NAICS 236220	Construction management, commercial and institutional building
NAICS 237110	Construction management, water and sewage treatment plant
NAICS 237310	Construction management, highway, road, street and bridge
NAICS 237990	Construction management, mass transit
NAICS 237990	Construction management, outdoor recreation facility

I-17-4299  
d'Escoto

NAICS 237990	Construction management, tunnel
NAICS 541310	Architectural (except landscape) services
NAICS 541330	Engineering services
NAICS 541340	Drafting services
NAICS 541350	Building inspection services
NAICS 541511	Custom Computer Programming Services
NAICS 541512	CAD (computer-aided design) systems integration design services
NAICS 541512	CAE (computer-aided engineering) systems integration design services
NAICS 541512	Computer Systems Design Services
NAICS 541519	Other Computer Related Services
NAICS 541611	Administrative Management and General Management Consulting Services
NAICS 541990	All Other Professional, Scientific, and Technical Services

**Additional Information**

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**Customer Support**

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**Vendor Information**

Business Name **J.A. Watts Inc.**  
 Owner **Ms. Julie Watts**  
 Address **940 W ADAMS ST STE 400**  
 > [Map This Address](#) **CHICAGO, IL 60607-3753**  
 Phone **312-997-3720**  
 Fax **312-997-3726**  
 Email **[jwatts@jwincorporated.com](mailto:jwatts@jwincorporated.com)**  
 Website **<http://www.jwincorporated.com>**

**Certification Information**

Certifying Agency **City of Chicago**  
 Certification Type **DBE - Disadvantaged Business Enterprise**  
 Certification Date **6/14/2017**  
 Renewal Date **2/1/2018**  
 Expiration Date **2/1/2018**  
 Certified Business Description **NAICS 236210 Construction management, industrial building (except warehouses)**  
**NAICS 236220 Construction management, commercial and institutional building**  
**NAICS 237310 Construction management, highway, road, street and bridge**  
**NAICS 237990 Construction management, mass transit**  
**NAICS 541330 Civil engineering services**  
**NAICS 541330 Construction engineering services**  
**NAICS 541330 Electrical engineering services**  
**NAICS 541330 Engineering consulting services**  
**NAICS 541330 Engineering design services**  
**NAICS 541330 Engineering services**  
**NAICS 541330 Traffic engineering consulting services**  
**NAICS 541611 Administrative and General management Consulting Services**  
**NAICS 541611 Administrative management consulting services**  
**NAICS 541611 Business management consulting services**  
**NAICS 541611 Site location consulting services**  
**NAICS 541611 Strategic planning consulting services**  
**NAICS 541990 Appraisal (except real estate) services**

**Commodity Codes**

Code	Description
NAICS 236210	Construction management, industrial building (except warehouses)
NAICS 236220	Construction management, commercial and institutional building
NAICS 237310	Construction management, highway, road, street and bridge
NAICS 237990	Construction management, mass transit
NAICS 541330	Civil engineering services
NAICS 541330	Construction engineering services
NAICS 541330	Electrical engineering services
NAICS 541330	Engineering consulting services
NAICS 541330	Engineering design services

I-17-4299

J.A. Watts

- NAICS 541330      Engineering services
- NAICS 541330      Traffic engineering consulting services
- NAICS 541611      Administrative Management and General Management Consulting Services
- NAICS 541611      Administrative management consulting services
- NAICS 541611      Business management consulting services
- NAICS 541611      Site location consulting services
- NAICS 541611      Strategic planning consulting services
- NAICS 541990      Appraisal (except real estate) services

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**Vendor Information**

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**Vendor Information**

**Business Name**                    **Material Service Testing, Inc.**  
**Owner**                                **Rashod Johnson**  
**Address**                               **1327 West Washington Blvd**  
     > [Map This Address](#)            **Suite 105**  
    **Chicago, IL 60607-1913**  
**Phone**                                 **312-846-6246**  
**Fax**                                      **847-787-0321**  
**Email**                                  [rjohnson@mstli.com](mailto:rjohnson@mstli.com)  
**Website**                               <http://www.materialservicetesting.com>

**Certification Information**

**Certifying Agency**                **City of Chicago**  
**Certification Type**               **MBE - Minority Business Enterprise**  
**Certification Date**                **8/4/2016**  
**Renewal Date**                      **11/1/2017**  
**Expiration Date**                  **11/1/2017**  
**Certified Business Description**    **NAICS 541330 Engineering services**

**Commodity Codes**

Code	Description
NAICS 541330	Engineering services

**Customer Support**

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### Vendor Information

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#### Vendor Information

Business Name **Singh & Associates, Inc.**  
 Owner **Sadhu Rikhiraj**  
 Address **230 W MONROE ST STE 1400**  
 > [Map This Address](#) **CHICAGO, IL 60606-4802**  
 Phone **312-629-0240**  
 Fax **312-629-8449**  
 Email **[singh@singhinc.com](mailto:singh@singhinc.com)**  
 Website **[www.singhinc.com](http://www.singhinc.com)**

#### Certification Information

Certifying Agency **Cook County**  
 Certification Type **MBE - Minority Business Enterprise**  
 Certification Date **11/23/2016**  
 Renewal Date **11/23/2017**  
 Expiration Date **11/23/2019**  
 Certified Business Description **Licensed Professional Services: Design & Construction Engineering Services**

#### Commodity Codes

Code	Description
NAICS 541330	Construction engineering services
NAICS 541330	Engineering design services
NAICS 541330	Engineering services

#### Additional Information

#### Customer Support

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### Vendor Information

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#### Business & Contact Information

Business Name           **Collins Engineers, Inc.**

Owner                     **Mr. THOMAS COLLINS**

Address                  **123 N. WACKER DR., STE 900**  
 > [Map This Address](#)       **CHICAGO, IL 60606**

Phone                    **312-704-9300**

Fax                       **312-704-9320**

Email                    **[dcecchi@collinsengr.com](mailto:dcecchi@collinsengr.com)**

Ethnicity                **Caucasian**

Gender                  **Male**

#### Certification Information

Certifying Agency       **State of Illinois Central Management Services**

Certification Type       **VOSB - Veteran Owned Small Business**

Renewal Date            **12/10/2017**

Expiration Date         **12/10/2019**

Certified Business Description   **ARCHITECTURAL SERVICES, PROFESSIONAL  
ENGINEERING SERVICES, PROFESSIONAL**

#### Commodity Codes

Code	Description
NIGP 90600	ARCHITECTURAL SERVICES, PROFESSIONAL
NIGP 92500	ENGINEERING SERVICES, PROFESSIONAL

#### Additional Information

Region                   **Metro Chicago**

EXHIBIT F - Letter of Intent

Instructions: The Prime Vendor is required to submit a separate, signed Letter of Intent (LOI) from each VOSB certified vendor. LOIs must be submitted with the Statement of Interest and must be signed by both parties. The Prime Vendor shall not prohibit or otherwise limit the VOSB certified vendor(s) from providing subconsultant proposals to other potential vendors. Each LOI must include the negotiated contract percentage and a detailed scope of work to be performed by each identified VOSB certified vendor. All LOI's shall be subject to Agency approval. Any changes involving or affecting the identified VOSB certified vendor may not be permitted without written approval of the procuring Agency.

Project Name: Tri-State Tollway, Roadway Reconstruction, EW Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5) Project/Solicitation Number: I-17-4299

Name of Prime Vendor: Quigg Engineering Inc. VOSB Compliance Contact: Lori L. Quigg, PE

Address: 2351 S. Dirksen Parkway

City: Springfield State: IL Zip Code: 62703

Telephone: 217-670-0563 Fax: 217-679-2204 Email: lquigg@quiggengineering.com

Name of Certified VOSB Vendor: Collins Engineers, Inc.

Address: 123 N. Wacker Drive, Suite 900 VOSB Compliance Contact: Kathleen T. Louder

City: Chicago State: IL Zip Code: 60606

Telephone: 312-704-9300 Fax: 312-704-9320 Email: klouder@collinsengr.com

Type of agreement: [X] Services

Anticipated start date of the Certified VOSB Vendor: When notice to proceed is received

Proposed 5.00 % of Contract to be performed by the VOSB Vendor.

NOTE: The Prime Vendor must indicate the percentage of the estimated contract award that will be subcontracted to the certified VOSB Vendor.

Detailed description of work to be performed by the VOSB Vendor:

Professional Engineering Services providing Structural Phase II Services.

The Vendor and the certified vendor above hereby agree that upon the execution of a contract for the above-named project between the Vendor and the State of Illinois, the Certified VOSB Vendor will perform the scope of work in the percentage as indicated above.

Vendor (Company Name and D/B/A): [Redacted]

Certified VOSB Vendor (Company Name and D/B/A): [Redacted]

Signature [Handwritten Signature]

Signature [Handwritten Signature]

Print Name: Lori L. Quigg, PE

Print Name: Kathleen T. Louder

Title: President

Title: Vice President

Date: April 14, 2017

Date: April 14, 2017

## OFFICE OF THE ILLINOIS SECRETARY OF STATE



**JESSE WHITE**  
SECRETARY OF STATE

## CORPORATION FILE DETAIL REPORT

<b>File Number</b>	64887912		
<b>Entity Name</b>	QUIGG ENGINEERING INC.		
<b>Status</b>	ACTIVE		
<b>Entity Type</b>	CORPORATION	<b>Type of Corp</b>	DOMESTIC BCA
<b>Incorporation Date (Domestic)</b>	05/05/2006	<b>State</b>	ILLINOIS
<b>Agent Name</b>	LORI LYNN QUIGG	<b>Agent Change Date</b>	01/16/2014
<b>Agent Street Address</b>	2351 S DIRKSEN PKWY	<b>President Name &amp; Address</b>	LORI L QUIGG 2310 OLD STATE RD JACKSONVILLE 62650
<b>Agent City</b>	SPRINGFIELD	<b>Secretary Name &amp; Address</b>	BECKY L. STOCKER 1876 LITERBERRY TRIOPIA JACKSONVILLE 62650
<b>Agent Zip</b>	62703	<b>Duration Date</b>	PERPETUAL
<b>Annual Report Filing Date</b>	04/27/2017	<b>For Year</b>	2017

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(One Certificate per Transaction)

## OTHER SERVICES

[File Annual Report](#)
[Adopting Assumed Name](#)
[Articles of Amendment Effecting A Name Change](#)
[Change of Registered Agent and/or Registered Office Address](#)
[BACK TO CYBERDRIVEILLINOIS.COM HOME PAGE](http://www.cyberdriveillinois.com)



**Gomez, Graciela**

---

**From:** Gomez, Graciela  
**Sent:** Tuesday, September 19, 2017 8:50 AM  
**To:** Gomez, Graciela  
**Subject:** FW: I-17-4299 - A. Epstein & Sons International [REDACTED]

OCIS CICIOCP1                      OFFSET CONTRACT INQUIRY                      08:41 09/19/17

ACTION: S

VENDOR NUMBER= [REDACTED]                      OFFSET: 00 OF 00

VENDOR NAME: \*

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

**DISCLAIMER:**

AS OF 09/19/17 AT 08:41 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

\*

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

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**Gomez, Graciela**

---

**From:** Gomez, Graciela  
**Sent:** Tuesday, September 19, 2017 9:05 AM  
**To:** Gomez, Graciela  
**Subject:** FW: I-17-4299 - Collins Engineers Inc. - [REDACTED]

OCIS CICIOCP1                      OFFSET CONTRACT INQUIRY                      08:42 09/19/17

ACTION: S

VENDOR NUMBER= [REDACTED]                      OFFSET: 00 OF 00  
VENDOR NAME: \*  
CLAIMING AGENCY NUMBER: \*  
CLAIMING AGENCY NAME: \*  
CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:  
AS OF 09/19/17 AT 08:42 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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**Gomez, Graciela**

---

**From:** Gomez, Graciela  
**Sent:** Tuesday, September 19, 2017 8:47 AM  
**To:** Gomez, Graciela  
**Subject:** I-17-4299 - d'Escoto Inc. - [REDACTED]

OCIS CICIOCP1                      OFFSET CONTRACT INQUIRY                      08:46 09/19/17

ACTION: S

VENDOR NUMBER= [REDACTED]                      OFFSET: 00 OF 00  
VENDOR NAME: [REDACTED]

CLAIMING AGENCY NUMBER: \*

CLAIMING AGENCY NAME: \*

CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:

AS OF 09/19/17 AT 08:46 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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**Gomez, Graciela**

---

**From:** Gomez, Graciela  
**Sent:** Tuesday, September 19, 2017 8:45 AM  
**To:** Gomez, Graciela  
**Subject:** I-17-4299 - Material Service Testing - [REDACTED]

OCIS CICIOCP1                      OFFSET CONTRACT INQUIRY                      08:44 09/19/17

ACTION: S

VENDOR NUMBER= [REDACTED]                      OFFSET: 00 OF 00  
VENDOR NAME: \*  
CLAIMING AGENCY NUMBER: \*  
CLAIMING AGENCY NAME: \*  
CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:  
AS OF 09/19/17 AT 08:44 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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**Gomez, Graciela**

---

**From:** Gomez, Graciela  
**Sent:** Tuesday, September 19, 2017 8:41 AM  
**To:** Gomez, Graciela  
**Subject:** I-17-4299 - Michael Baker International - [REDACTED]

OCIS CICIOCP1                      OFFSET CONTRACT INQUIRY                      08:39 09/19/17

ACTION: S

VENDOR NUMBER=[REDACTED]                      OFFSET: 00 OF 00  
VENDOR NAME: \*  
CLAIMING AGENCY NUMBER: \*  
CLAIMING AGENCY NAME: \*  
CLAIMING AGENCY PHONE NUMBER: \*

DISCLAIMER:  
AS OF 09/19/17 AT 08:39 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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## DESIGN SECTION ENGINEER AGREEMENT

The Board of Directors, on the 28<sup>th</sup> day of **September, 2017**, authorized this 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 **QUIGG ENGINEERING INC.**, a corporation authorized and existing within the laws of the State of Illinois, hereinafter referred to as "DESIGN SECTION ENGINEER".

### WITNESSETH:

WHEREAS, the DESIGN SECTION ENGINEER has submitted a proposal dated **September 1, 2017**, to provide design section engineering services for Contract No. **I-17-4299** for **Tri-State Tollway, Roadway Reconstruction, EW Connector (Mile Post 29.1) to Roosevelt Road (Mile Post 30.5)**; and

WHEREAS, DESIGN SECTION ENGINEER represents itself to be a professional engineering firm meeting the stated pre-qualification criteria for selection from **PSB 17-3, Item 4**, staffed with professional licensed engineers, experienced and able to perform the engineering design services required for said contract, and it is in the best interest of the TOLLWAY to accept said proposal.

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

### ARTICLE I

#### General Provisions

A. The DESIGN SECTION ENGINEER shall perform all design section engineering services for Contract No. **I-17-4299** for **Tri-State Tollway, Roadway Reconstruction, EW Connector (Mile Post 29.1) to Roosevelt Road (Mile Post 30.5)** in accordance with the requirements and terms of this Agreement and the proposal from the DESIGN SECTION ENGINEER of **September 1, 2017**, attached hereto and made a part hereof as Exhibit "1". With respect to any inconsistency or conflict between the terms of this Agreement and the proposal (Exhibit "1"), the term or terms of this Agreement shall govern and prevail.

B. All services performed by DESIGN SECTION ENGINEER shall be performed according to professional standards and in accordance with the Design Section Engineer's Manual for The Illinois State Toll Highway Authority in effect at the date of contract execution, and as revised thereafter.

C. The DESIGN SECTION ENGINEER shall perform its services hereunder with the same degree of care, skill and diligence as is ordinarily possessed and exercised by a member of the same profession, currently practicing under similar circumstances.

## ARTICLE II

### Time of Performance

Upon receipt of Notice to Proceed authorized by the Chief Engineering Officer of the TOLLWAY, the DESIGN SECTION ENGINEER shall perform the services herein during the period commencing on the latter of either **execution of the Agreement or September 29, 2017** and ending **September 28, 2027**, in accordance with the schedule included in the attached proposal. *JK 10/27/17*

Notwithstanding anything in this Agreement, the DESIGN SECTION ENGINEER, including the DESIGN SECTION ENGINEER's subcontractors, if any, shall not be responsible hereunder for any delay, default or nonperformance of this Agreement, if and to the extent that such delay, default or nonperformance is caused by an act of God, weather, accident, labor strike or shortage, fire, explosion, riot, war, rebellion, terrorist activity, sabotage, flood, epidemic, or any other cause beyond the reasonable control of such party.

## ARTICLE III

### Compensation

The DESIGN SECTION ENGINEER shall perform all engineering design services as required herein, and the TOLLWAY shall pay the DESIGN SECTION ENGINEER as compensation therefor, the DESIGN SECTION ENGINEER'S actual payroll cost times a multiplier of **2.8000** and certain direct expenses (as shown in Exhibit "1") with an upper limit of compensation of **Two Million, Six Hundred Fifty Thousand Dollars and No Cents (\$2,650,000.00)**. If, in the opinion of the DESIGN SECTION ENGINEER, additional fees or expenses in excess of the upper limit of compensation agreed herein are required, the DESIGN SECTION ENGINEER shall promptly notify the Chief Engineering Officer of the TOLLWAY thereof and shall not incur or charge any such fees or expenses without prior written approval of the Chief Engineering Officer. The DESIGN SECTION ENGINEER shall ensure that its subcontractors (if applicable) submit bills and invoices in a manner consistent with the terms of this Agreement and shall include language in its subcontractor agreements whereby the subcontractors expressly agree to be bound by the terms of this Agreement, including but not limited to the Inspector General Provision at Article XIX.

## ARTICLE IV

### Scope of the Service

The DESIGN SECTION ENGINEER represents that it has examined the project site, met with representatives of the TOLLWAY, and had an opportunity to ascertain the extent and the scope of services required to complete this project and is knowledgeable of the services to be performed within the time set forth in the Project Schedule indicated in Exhibit "1" hereof. The DESIGN SECTION ENGINEER further understands and agrees that all the services required to properly complete the services will be at or



below the total estimated fee (Upper Limit of Compensation) established for this contract, and that only upon receipt of correspondence modifying the established scope of services for this contract from the Chief Engineering Officer, will any portion of the contingency provision of the said proposal be utilized. The DESIGN SECTION ENGINEER shall not be entitled to additional compensation due to errors in estimating the time, costs or expertise required to complete this design project.

## ARTICLE V

### Compliance with State and Other Laws

The DESIGN SECTION ENGINEER specifically agrees that in the performance of the services herein enumerated, the DESIGN SECTION ENGINEER, its associates, subcontractors, agents and employees will comply with all applicable Federal laws, State statutes, local ordinances, rules and regulations.

### Governing Law; Exclusive Jurisdiction

This Agreement, and all the rights and duties of the parties arising from or relating in any way to the subject matter of this Agreement or the transaction(s) contemplated by it, shall be governed by, construed and enforced only in accordance with the laws of the United States and the State of Illinois (excluding any conflict of laws provisions that would refer to and apply the substantive laws of another jurisdiction). Any suit or proceeding relating to this Agreement, including arbitration proceedings, shall be brought only in DuPage County, Illinois. *Quigg Engineering Inc.*, consents to the exclusive jurisdiction and venue of the courts located in DuPage County, State of Illinois.

### Confidentiality

DESIGN SECTION ENGINEER, including its agents and subconsultants, to this AGREEMENT may have or gain access to confidential data or information owned or maintained by the TOLLWAY in the course of carrying out its responsibilities under this AGREEMENT. The DESIGN SECTION ENGINEER shall presume all information received from the TOLLWAY or to which it gains access pursuant to this AGREEMENT is confidential. No confidential data collected, maintained, or used in the course of DESIGN SECTION ENGINEER's performance of this contract shall be disseminated except as authorized by law and with the written consent of the TOLLWAY, either during the period of the AGREEMENT or thereafter. The DESIGN SECTION ENGINEER must return any and all data collected, maintained, created or used in the course of the performance of the AGREEMENT, in whatever form it is maintained, promptly at the end of the AGREEMENT, or earlier at the request of the TOLLWAY, or notify the TOLLWAY in writing of its destruction with prior TOLLWAY approval only.

The foregoing obligations shall not apply to confidential data or information lawfully in the DESIGN SECTION ENGINEER's possession prior to its acquisition from the TOLLWAY; received in good faith from a third-party not subject to any confidentiality obligation to the disclosing Party; or independently developed by the DESIGN

SECTION ENGINEER without the use or benefit of the TOLLWAY's confidential information.

## ARTICLE VI

### Responsibility for Injuries and Damages

The DESIGN SECTION ENGINEER shall be responsible for all injuries to persons and damages to property due to the activities of the DESIGN SECTION ENGINEER, its associates, agents or employees, in connection with an error, omission, intentional, willful, wanton or negligent act(s), and shall be responsible for all parts of its work, both temporary and permanent, relating to the performance of any services under this Agreement or in connection therewith. It is expressly understood that the DESIGN SECTION ENGINEER shall indemnify and save harmless the TOLLWAY, its Directors and employees from claims, suits, actions, damages, costs and fees arising from, growing out of an error, omission, intentional, willful, wanton or negligent act(s) of the DESIGN SECTION ENGINEER under this Agreement, to the maximum extent permitted by law, and such indemnity shall not be limited by reason of the enumeration of any insurance coverage hereinafter provided. Nothing herein contained shall be construed as prohibiting the TOLLWAY, its Directors or the employees from defending any actions and suits brought against them or any of them or from employing their own counsel in defense of all such actions and suits. It is understood and agreed that the DESIGN SECTION ENGINEER is an independent contractor and as such is solely responsible for all of its activities hereunder.

## ARTICLE VII

### Insurance

The DESIGN SECTION ENGINEER agrees to procure and maintain during the entire term of this contract and any extensions thereto, at its own expense and without additional expense to the TOLLWAY, adequate insurance for claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work by the DESIGN SECTION ENGINEER, his agents, representatives, employees or subcontractors. Work shall not commence until all insurance required by this section has been obtained and acceptable documentation provided to the TOLLWAY. Acceptable insurance companies shall be authorized or approved to transact business under the laws of the State of Illinois, shall be rated by A.M. Best and Company with a financial strength rating of "A-" or better and a financial size category of not less than "VII".

The DESIGN SECTION ENGINEER shall obtain for the term of the contract, and any extensions thereto, insurance in the following kinds and minimum limits:

- a. Worker's Compensation Insurance as required by state statute, and Employer's Liability insurance covering all the DESIGN SECTION ENGINEER's employees acting within the course and scope of their employment.

- b. Commercial General Liability Insurance written on Insurance Services Office (ISO) occurrence form CG 00 01 10/03 or equivalent, covering premises operations, independent contractors, blanket contractual liability, and personal injury with minimum limits of \$1,000,000.00 (One Millions Dollars) each occurrence and \$2,000,000.00 (Two Million Dollars) annual general aggregate.

If any aggregate limit is reduced below \$2,000,000.00 because of claims made or paid, the DESIGN SECTION ENGINEER shall obtain additional insurance to restore the full aggregate limit and furnish documentation to the TOLLWAY.

- c. Automobile Liability Insurance covering any auto, including owned, hired and non-owned autos, with a minimum limit of \$1,000,000.00 (One million Dollars) each occurrence, combined single limit.
- d. Excess / Umbrella Liability Insurance providing excess coverage over commercial general liability, automobile liability and employer's liability with a minimum limit of \$2,000,000.00 (Two Million Dollars) per occurrence and in aggregate.
- e. Engineering Professional Errors and Omissions Liability providing coverage for claims, damages, losses or expenses arising out of or resulting from the performance of Professional Services contemplated in this contract. Limits of liability shall be a minimum of \$2,000,000 (Two Million Dollars) per occurrence and in aggregate. The policy, including claims made forms, shall remain in effect for the duration of the contract and then have a three-year discovery period or longer as required by State Statute.

All deductible or self-insured retentions must be declared and are the sole responsibility of the DESIGN SECTION ENGINEER. The Illinois State Toll Highway Authority shall be named an "additional insured" for the commercial general liability and automobile liability coverage. These policies shall be primary for the additional insured and not contributing with any other insurance or similar protection available to the additional insured. Copies of the applicable "additional insured" endorsements will be provided to the TOLLWAY with the insurance documentation.

The DESIGN SECTION ENGINEER shall submit insurance documentation prior to the commencement of any contract work and will provide documentation of renewals of said policies as they occur. Any failure of the TOLLWAY to request proof of insurance will not waive the requirement of maintenance of protection as specified herein.

## ARTICLE VIII

### Ownership of Documents

All documents, including tracings, drawings, estimates, specifications, field notes, investigations, studies and all documents, memoranda and information relating to services to be furnished and performed pursuant to this Agreement are the property of the TOLLWAY. During the performance of the engineering services herein provided for, the DESIGN SECTION ENGINEER shall be responsible for any loss or damage to the documents herein enumerated while they are in its possession, and any such documents shall be restored at its expense. Full access to the work during the preparation of the plans shall be available to the TOLLWAY and such other agencies as may be approved by the TOLLWAY. It is agreed and understood by the parties that any plans, drawings, blueprints or other similar documents ("plans") provided under this Contract which are reused by the TOLLWAY, on other projects, shall be at the TOLLWAY's own risk. Any person or entity reusing any plans shall be solely responsible for such reuse. Should the DESIGN SECTION ENGINEER reuse any plans, it agrees to indemnify all persons or entities for any claims or actions resulting from its reuse to the extent that said claim or action results from such reuse. The TOLLWAY agrees to require any person (including the TOLLWAY itself) reusing the plans provided by the DESIGN SECTION ENGINEER to abide by the terms and conditions set forth in this paragraph.

## ARTICLE IX

### Financial Statement

The DESIGN SECTION ENGINEER shall, within ten (10) days after requested by the TOLLWAY, furnish the TOLLWAY with a current statement of the financial condition of the DESIGN SECTION ENGINEER and any other financial information requested by the TOLLWAY.

## ARTICLE X

### Successors and Assigns

The TOLLWAY and DESIGN SECTION ENGINEER each bind themselves, their successors and assigns to the other party of this Agreement and to the successors and assigns of such other party with respect to all covenants of this Agreement. Except as this Agreement provides, neither the TOLLWAY nor the DESIGN SECTION ENGINEER shall assign, sublet or transfer its interest in this Agreement without the written consent of the other.

## ARTICLE XI

### Subcontractors

The DESIGN SECTION ENGINEER shall not subcontract or assign services to be performed under this Agreement without prior written approval of the TOLLWAY,

except that the DESIGN SECTION ENGINEER may without such prior approval, contract with others for photogrammetric maps, equipment and supplies, printed matter, and other reproductions and stenographic, clerical or any other non-technical services.

## ARTICLE XII

### Suspension

The TOLLWAY may, from time to time, suspend and halt the services of DESIGN SECTION ENGINEER pursuant to this Agreement at its sole discretion effective five (5) days after delivery of written notice thereof for any period of time or times not exceeding a total of twelve (12) months. In the event of such suspension not occasioned by violation of the Agreement by the DESIGN SECTION ENGINEER, the DESIGN SECTION ENGINEER shall be paid for authorized services performed prior to the effective date of the suspension, including any reimbursable expenses then due, in accord with this Agreement.

## ARTICLE XIII

### Termination

#### A. Termination Without Cause

1. The TOLLWAY reserves the right, at its sole discretion, to terminate this Agreement without cause at any time. In the event of such termination, the TOLLWAY will promptly deliver a written Notice of Termination Without Cause to the DESIGN SECTION ENGINEER. Upon termination and within ten (10) days of said termination, the DESIGN SECTION ENGINEER shall prepare a detailed Progress Report, in form satisfactory to the Chief Engineering Officer of the TOLLWAY, including information as to all the services performed by the DESIGN SECTION ENGINEER and the status of the services as of the date of the termination, and provide all other information and documents developed under the terms of this Agreement as requested by the Chief Engineering Officer of the TOLLWAY. The TOLLWAY will review the Progress Report and services and determine the percentage of the work required to be performed under this Agreement that has been completed by the DESIGN SECTION ENGINEER. In case of dispute between the TOLLWAY and the DESIGN SECTION ENGINEER, the decision of the Chief Engineering Officer shall be final. At the request and direction of the Chief Engineering Officer of the TOLLWAY, the DESIGN SECTION ENGINEER shall, additionally, within ten (10) days after the date of termination, furnish the TOLLWAY with two (2) sets of prints of plans, two (2) sets of Special Provisions and two (2) sets of calculations with respect to the services performed to date of termination in accordance with the requirements of the Design Section Engineer's Manual in effect at the date of contract execution, and as revised thereafter.

In the event the Chief Engineering Officer of the TOLLWAY requires additional services to be performed by the DESIGN SECTION ENGINEER to complete certain elements of the engineering services, the DESIGN SECTION ENGINEER shall prepare a final Progress Report on completion of the additional services. The TOLLWAY will

review the final Progress Report and determine the percentage of completed services performed under the Agreement by the DESIGN SECTION ENGINEER.

2. The total compensation due to the DESIGN SECTION ENGINEER, in the event of termination without cause, shall be limited to the following, less all previous payments to the DESIGN SECTION ENGINEER and any credits or set-offs due to the TOLLWAY:

- a. Actual payroll cost for services properly performed prior to the effective date of termination, times a multiplier of **2.8000**;
- b. Actual reimbursable direct expenses incurred prior to the effective date of termination;
- c. Actual payroll cost times a multiplier of **2.8000** for any wind-up services after the effective date of termination as directed to be performed by the Chief Engineering Officer of the TOLLWAY;
- d. Actual reimbursable direct expenses incurred for any wind-up services after the effective date of termination as directed to be performed by the Chief Engineering Officer of the TOLLWAY;

#### **B. Termination for Cause**

1. In the event the DESIGN SECTION ENGINEER fails to meet any of its contractual obligations, as set forth in this Agreement including the proposal, then the TOLLWAY, at its option, may consider the Agreement as canceled effective upon the delivery of written Notice of Termination for Cause to the DESIGN SECTION ENGINEER, and the DESIGN SECTION ENGINEER shall have no further claims or rights against the TOLLWAY except as set forth herein. The TOLLWAY may, as additional remedies, and without prejudice to or waiver of any other right or remedy which it possesses hereunder or as a matter of law, complete the performance of the engineering services with its own forces, or secure services from any other available source and any difference in cost shall be charged back to the DESIGN SECTION ENGINEER, or at the option of the TOLLWAY the DESIGN SECTION ENGINEER shall promptly pay for or reimburse the TOLLWAY for any such difference in cost, or the TOLLWAY may deduct any such cost from any payments due or to become due the DESIGN SECTION ENGINEER, if any. In addition to any difference in cost for services incurred by the TOLLWAY, the DESIGN SECTION ENGINEER shall reimburse the TOLLWAY for any costs, fees, or expenses, including administrative, engineering and legal expenses incurred by the TOLLWAY due to the failure of the DESIGN SECTION ENGINEER to meet such obligations. The foregoing costs, fees and expenses, may, at the direction of the TOLLWAY, be deducted from any sums remaining due for services properly performed prior to the effective date of the cancellation and termination.

2. The conditions for termination for cause are as follows:

- a. If DESIGN SECTION ENGINEER becomes insolvent, commits any act of bankruptcy, makes a general assignment for the benefit of creditors, or becomes the subject of any proceeding commenced under any statute or law established for the relief of debtors;
- b. If a receiver, trustee or liquidator of any of the property or income of DESIGN SECTION ENGINEER shall be appointed;
- c. If DESIGN SECTION ENGINEER shall fail to perform the scope of services, or any part thereof, with the diligence necessary to maintain its progress and complete the scope of services as prescribed by the time schedule and shall fail to take such steps as directed by the TOLLWAY to remedy delays within five (5) days after written notice thereof from TOLLWAY;
- d. If DESIGN SECTION ENGINEER shall violate any of the terms, provisions, conditions, covenants, or Certifications contained in this Agreement and shall fail to take such steps as directed by the TOLLWAY to remedy such default within five (5) days after written notice thereof from TOLLWAY.

3. Upon termination for cause, and within ten (10) days of such notice, the DESIGN SECTION ENGINEER shall prepare a detailed Progress Report in a form satisfactory to the Chief Engineering Officer of the TOLLWAY, including information as to all services performed by the DESIGN SECTION ENGINEER and the status of the services as of the date of the termination, and provide all other information and documents developed under the terms of this Agreement as requested by the Chief Engineering Officer of the TOLLWAY. The TOLLWAY will review the Progress Report and determine the percentage of services that have been performed under this Agreement by the DESIGN SECTION ENGINEER. In the case of dispute between the TOLLWAY and the DESIGN SECTION ENGINEER, the decision of the Chief Engineering Officer shall be final. At the request and direction of the Chief Engineering Officer of the TOLLWAY, the DESIGN SECTION ENGINEER shall additionally, within ten (10) days after the date of termination, furnish the TOLLWAY with two (2) sets of prints of plans, two (2) sets of Special Provisions and two (2) sets of calculations with respect to the services performed to the date of termination in accordance with the requirements of the Design Section Engineer's Manual in effect at the date of contract execution, and as revised thereafter.

4. The total compensation due to the DESIGN SECTION ENGINEER in the event of Termination for Cause shall be the following, less all previous payments to the DESIGN SECTION ENGINEER, and any credits or set-offs due to the TOLLWAY:

- a. Actual payroll cost for services properly performed prior to the effective date of termination, times a multiplier of **2.8000**;
- b. Actual reimbursable direct expenses incurred prior to the effective date of termination;

### C. Termination due to Lack of an Appropriation

This Agreement is subject to termination and cancellation in any year for which the General Assembly fails to make an appropriation (if such an appropriation is required) to make payments under the terms of the Agreement. Currently, the TOLLWAY is not required to obtain a yearly appropriation of its funds. However, the TOLLWAY cannot and does not make any representation or warranties concerning future appropriation requirements.

## ARTICLE XIV

### Solicitations

The DESIGN SECTION ENGINEER warrants that no person or selling agency has been employed or retained to solicit or secure this Agreement upon an agreement or understanding for a commission, percentage, brokerage or contingent fee. For breach or violation of this warranty, the TOLLWAY shall have the right to annul this Agreement without liability or in its discretion to deduct from the contract price or consideration the full amount of such commission, percentage, brokerage or contingent fee.

## ARTICLE XV

### 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 XVI

### Notices

Notices to be given hereunder or documents to be delivered shall be deemed sufficient if delivered personally or mailed by certified mail to the DESIGN SECTION ENGINEER at **Quigg Engineering Inc., 2351 S. Dirksen Parkway, Springfield, Illinois 62703**, or to the Chief Engineering Officer at 2700 Ogden Avenue, Downers Grove, Illinois 60515. Either party may change the place to which notices hereunder may be addressed by written notice to the other party at any time or times.

## ARTICLE XVII

### Quality Assurance and Quality Control (QA/QC) Plan

The DESIGN SECTION ENGINEER'S QA/QC PLAN for this PROJECT must be presented by the DESIGN SECTION ENGINEER fourteen (14) days after receiving the signed contract. After acceptance by the TOLLWAY, the DESIGN SECTION ENGINEER must adhere to this QA/QC Plan and will be required to periodically confirm, in writing, that they have complied with the approved plan. The statement of compliance must be submitted to the TOLLWAY Project Manager with each milestone submittal (preliminary plans, draft reports, soil report, drainage study, etc.).

The QA/QC Plan must follow the GUIDELINES FOR the DESIGN SECTION ENGINEER'S QUALITY PROGRAM, which will be provided by the TOLLWAY.

## ARTICLE XVIII

### Miscellaneous

This Agreement, when executed by the DESIGN SECTION ENGINEER, shall be an offer by the DESIGN SECTION ENGINEER to the TOLLWAY and shall not be construed as an offer by the TOLLWAY to the DESIGN SECTION ENGINEER. All Agreements are subject to the statutes, rules, regulations and policies governing the TOLLWAY and are expressly subject to the approval of the TOLLWAY's Board of Directors, the Procurement Policy Board, the Chief Procurement Officer for General Services, and the Attorney General of the State of Illinois.

## ARTICLE XIX

### Inspector General

The Vendor/Contractor hereby acknowledges that pursuant to Section 8.5 of the Toll Highway Act (605 ILCS 10/8.5) the Inspector General of the Illinois State Toll Highway Authority has the authority to conduct investigations into certain matters including but not limited to allegations of fraud, waste and abuse, and to conduct reviews. The Vendor/Contractor will fully cooperate in any OIG investigation or review. Cooperation includes providing access to all information and documentation related to

the goods/services described in this Agreement, and disclosing and making available all personnel involved or connected with these goods/services or having knowledge of these goods/services. All subcontracts must inform Subcontractors of this provision and their duty to comply.

## ARTICLE XX

### Engineer Selection Process

The TOLLWAY and the DESIGN SECTION ENGINEER hereby certify that they are in compliance with the provisions of the Architectural, Engineering and Land Surveying Qualifications Based Selection Act (30 ILCS 535) with respect to the procurement of the services covered in this Agreement.

## ARTICLE XXI

### 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.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement for CONTRACT I-17-4299 the day and year first above written.

THE ILLINOIS STATE TOLL  
HIGHWAY AUTHORITY

QUIGG ENGINEERING INC.

  
B. \_\_\_\_\_ 10/25/17  
Chair/Executive Director-Signature Date  
Robert Schillerstrom/Greg Bedalov

  
\_\_\_\_\_  
President-Signature Date  
9/15/17

Lori L Quigg  
Printed Name as Signed Above

APPROVED:

  
\_\_\_\_\_  
Chief Financial Officer - Signature Date  
10-23-17  
Michael Colsch

APPROVED:

*Acting*  
  
\_\_\_\_\_  
General Counsel - Signature Date  
10/20/17  
Elizabeth Oplawski

Approved as to Form and Constitutionality

  
\_\_\_\_\_  
Attorney General, State of Illinois - Robert Lane - Signature Date  
10-20-2017



## DESIGN SECTION ENGINEER PROPOSAL

### FOR CONTRACT NUMBER I-17-4299

This proposal, dated September 1, 2017, is submitted by Quigg Engineering Inc. of Springfield, IL for Design Section Engineer's Service.

#### DESCRIPTION/LOCATION OF DESIGN SECTION

The location of the construction Contract I-17-4299 for which we propose to provide Design Section Engineering Services is Tri-State Tollway, Roadway Reconstruction, East West Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5), in Cook & DuPage County (Counties), Illinois.

#### SCOPE OF DESIGN SECTION ENGINEERING SERVICES

Design Engineering Services following selection from PSB 17-3, more fully detailed in Exhibit F, attached hereto, will be executed in full compliance with the Illinois State Toll Highway Authority's *Design Section Engineer's Manual*, dated March 2016 (and as revised), and with the Illinois State Toll Highway Authority's (hereinafter referred to as "TOLLWAY") current practices. These services shall include preparation of contract plans, special provisions, construction schedule and review of bids; all field surveys, investigations, designs and analyses required to complete the work; checking of shop drawings and consultation during the construction period. Four copies of all design notes, quantity calculations and field books shall be submitted to the TOLLWAY with the final plans. These documents will be indexed and cross referenced in a manner which can be easily referenced by the Construction Manager.

#### RESPONSIBILITY

The DESIGN SECTION ENGINEER acknowledges the fact that neither interim nor final reviews by the TOLLWAY or its Consulting Engineer relieve the DESIGN SECTION ENGINEER of its responsibility for the accuracy and adequacy of the contract documents for this project.

#### FEE PROPOSAL

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

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

The compensation elements and their limits are more fully detailed as follows:

**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.

“Actual Direct Labor” shall be reimbursed only for actual payroll costs paid to individuals employed directly by the DESIGN SECTION ENGINEER, independent contractors and contract employees shall be treated as “reimbursable direct costs” and not “actual direct salary.” Subcontractors shall be treated as “Services by Others.”

**Exhibit C-1 (Payroll Classification Escalation Table)** shall identify the direct labor escalation for the duration of the project. Pay rate increases shall be limited to one per calendar year. Cumulative labor increases for the DESIGN SECTION ENGINEER may not exceed the direct labor escalation rate listed in Exhibit C-1 for any twelve month period.

**Exhibit C-2 (Direct Labor Classification Man-Hours and Rates)**

This exhibit establishes employee classifications and rate ranges and determines the Total Direct Labor for the project.

**Exhibit C-3 (Company Employee Classification List)** shall establish the classifications, of the company's staff. Classifications must be included on Exhibit C-3 to be reimbursable.

The direct labor rate allowable for any individual at the outset of the project for invoicing purposes will be the rate listed on a “Certified Payroll Summary” to be submitted by the DESIGN SECTION ENGINEER at the start of the project. A revised “Certified Payroll Summary” must be submitted at the time of annual labor rate increases and when a newly hired employee is added to the TOLLWAY project.

A “normal work week” can be negotiated up to 45 hours per week. Overtime (straight time) for salaried positions cannot be invoiced beyond the number of hours in the “normal work week” unless pre-approved, in writing, by the project manager. These positions will be determined during negotiations of the contract or as the salaried position is added to the project.

Promotions resulting in labor rate increases will only be permitted if the promotion occurs on this project to a pre-approved contract position. Employees promoted within the company will not be entitled to a rate increase on this project beyond the rate

appropriate for the services being performed by the employee. Any increase will be at the date of the approved promotion.

Timesheets for each employee billed to the contract must be submitted with the invoice. The timesheets must be signed by both the employee and the employee's supervisor. The timesheets must include all hours paid to the employee, including non-billable time and time worked on other projects.

**REIMBURSABLE DIRECT COSTS** - The Reimbursable Direct Costs Worksheet determines the total dollar amount of Direct costs for the project. See Exhibit D. The DESIGN SECTION ENGINEER is responsible for managing the Direct Costs expended so the total Reimbursable Direct Cost amount is not exceeded. All Direct Costs presented for reimbursement must be included on the Allowable Direct Costs list made available in the Professional Service Bulletin (attached to Exhibit D). Direct Costs not identified on the Allowable Direct Costs list must be approved in writing by the Chief Engineering Officer of the TOLLWAY prior to reimbursement. Premium portions of overtime and Reimbursable Direct Costs will be reimbursed upon presentation of appropriate documentation.

Reimbursement for the use of automotive vehicles furnished by the DESIGN SECTION ENGINEER will be in accordance with the State of Illinois Government Rate in effect on the date of this proposal (see Exhibit D).

Such rate of reimbursement will be considered full payment for all costs including, but not limited to: the furnishing, insuring, operating, and maintaining the automotive vehicles. The term "automotive vehicle" includes automobiles, pick-up trucks, station wagons, vans, and the like. The DESIGN SECTION ENGINEER shall maintain itemized vehicle usage records for all vehicles billed to the contract. Said records shall contain at a minimum the individual who used the vehicle, the date of usage, and the purpose or destination.

No surcharge for handling or processing will be charged or approved. No profit will be paid for Direct Costs.

**SERVICES BY OTHERS** (Exhibit H) - The fees for services provided by all subcontractors shall be summarized on Exhibit H and Exhibit H (Cont). All subcontractors are required to submit Exhibits A-H (Cont).

The DESIGN SECTION ENGINEER understands that the contract is between the TOLLWAY and the DESIGN SECTION ENGINEER. The DESIGN SECTION ENGINEER is responsible for monitoring and managing the work and budget of all subcontractors.

The **ADDITIONAL SERVICES PROVISION** (if any) included in this proposal (see *Exhibit B*) will be for the sole purpose of funding increases in the Scope of Work, which have been identified as potential extra services prior to the start of work. The additional

services funds will not be used to cover costs for items included in the original Scope of Design Engineering Services. The authorization for the use of the Additional Services Funds must be in writing from the Chief Engineering Officer of the TOLLWAY.

MAXIMUM ALLOWABLE FEE - The upper limit of compensation to the DESIGN SECTION ENGINEER, for all costs, shall be \$ 2,650,000.00 (see *Exhibit B*), which limit may not be exceeded unless authorized by a Supplemental Contract and approved by the TOLLWAY's Board of Directors. This sum represents the maximum compensation limit for completion of all Engineering Services for all items of work included in the Scope of Design Section Engineering Services (Exhibit F). If potential additional services have been identified in the scope of work (Exhibit F), it is understood that these services may not be requested by the TOLLWAY. If these services are requested by the TOLLWAY to be performed by the DESIGN SECTION ENGINEER, Exhibits A-H (Cont) must be submitted by the DESIGN SECTION ENGINEER for the TOLLWAY's approval prior to commencement of the work.

REVISIONS TO THE SCOPE OF WORK - If at any time during the execution of the work the DESIGN SECTION ENGINEER feels that he/she is being directed to perform services not included in the Scope Of Work, he/she will give immediate written notice to the Chief Engineering Officer of the TOLLWAY requesting a change in the Scope Of Work. This notification shall include the following:

- A. Definition of the revision to the scope.
- B. Documentation of the facts leading to or requiring the revision to the Scope of Work.
- C. Scheduling impact.
- D. Construction cost impact.
- E. Design fee impact including:
  - 1. Labor
  - 2. Direct Cost
  - 3. Other

The Chief Engineering Officer of the TOLLWAY shall review and respond to the notification in a timely manner.

The DESIGN SECTION ENGINEER shall not proceed with any of the items of work which he/she believes are not included in the Scope Of Work until he/she submits the above notification and receives the written Authorization To Proceed from the Chief Engineering Officer of the TOLLWAY. If additional funds are required for the supplemental work, this Authorization to Proceed must receive the required TOLLWAY approvals authorizing the funds for the supplemental work.

PROGRESS REPORTS - The DESIGN SECTION ENGINEER will submit monthly progress and staffing reports including a narrative report and providing a brief discussion of the status of the design. These reports must be submitted with the invoice



covering the same period, and must be received by the TOLLWAY within 20 calendar days following the reporting period.

**PROJECT STATUS EVALUATION** - It will be the DESIGN SECTION ENGINEER's responsibility, when the total monies due the DESIGN SECTION ENGINEER approach 50% of the Total Contract Fee, to review the work accomplished and the work remaining, as well as the project schedule. The DESIGN SECTION ENGINEER shall then furnish the Chief Engineering Officer of the TOLLWAY with a written copy of his evaluation. If the project progress is determined to be unsatisfactory by the TOLLWAY, the DESIGN SECTION ENGINEER may be required to do the same review prior to the point in time that the costs incurred reach 70% and 90% of the Total Contract Amount.

**KEY PERSONNEL** - Exhibit E is a list of the Key Personnel who will be assigned to this project, should this proposal be accepted, together with a brief resume for each. It is understood that the TOLLWAY reserves the right to review the performance of assigned personnel at any time and the DESIGN SECTION ENGINEER agrees to replace or re-assign personnel who are deemed by the TOLLWAY to not be suited to the task to which they are assigned. The DESIGN SECTION ENGINEER further agrees to assign employees to this project in a manner which will minimize engineering design expenses to the TOLLWAY.

**CURRENT WORK LOAD** - Attached hereto is Exhibit G, a Statement of Active and Pending Transportation Related Projects.

**TERMS AND CONDITIONS** - This document hereby incorporates by reference the "Contract" attached hereto and made a part hereof. The DESIGN SECTION ENGINEER understands and agrees that it shall be bound by the terms and conditions contained in the attached Contract including but not limited to those items contained in the Article titled "Insurance". The DESIGN SECTION ENGINEER shall provide a copy of a Certificate of Insurance as Exhibit I. In the event there is a conflict between the terms of this proposal and the terms of the attached Contract, the terms contained in the Contract shall control. The DESIGN SECTION ENGINEER also agrees that it shall be required to procure and maintain additional insurance, if any is listed below, under the same terms and conditions specified in the Agreement. Specialized, project specific insurance, namely Railroad Protective Liability Insurance, may be considered for reimbursement as a direct cost.

Said additional insurance shall be in addition to any and all insurance required by the Contract.

**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>.

**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.

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

**CONTRACT I-17-4299**

**SUBMITTED BY:**

**FIRM NAME:** Quigg Engineering Inc.

**ADDRESS:** 2351 S. Dirksen Parkway

**CITY, STATE &  
ZIP CODE:** Springfield, IL 62703

**TELEPHONE:** 217-670-0563

**FACSIMILE:** 217-679-2204

**SIGNED BY:**

A black rectangular redaction box covers the signature. A horizontal line extends from the right side of the box.

**PRINTED NAME:** Michael C. Vail

**TITLE:** Operations Manager



**ILLINOIS TOLLWAY**  
**STANDARD BUSINESS TERMS AND CONDITIONS**

**ILLINOIS TOLLWAY CONTRACT NO.:**

**I-17-4299**

**CONSULTANT (NAME):**

**Quigg Engineering Inc.**

**1. PAYMENT TERMS AND CONDITIONS:**

- 1.1 **Minority Contractor Initiative:** Any Vendor awarded a contract under Section 20-10, 20-15, 20-25 or 20-30 of the Illinois Procurement Code (30 ILCS 500) of \$1,000 or more is required to pay a fee of \$15. The Comptroller shall deduct the fee from the first check issued to the Vendor under the contract and deposit the fee in the Comptroller's Administrative Fund. 15 ILCS 405/23.9.
- 1.2 **Expenses:** The State will not pay for supplies provided or services rendered, including related expenses, incurred prior to the execution of this contract by the Parties even if the effective date of the contract is prior to execution.
- 1.3 **Prevailing Wage:** As a condition of receiving payment Vendor must (i) be in compliance with the contract, (ii) pay its employees prevailing wages when required by law, (iii) pay its suppliers and subcontractors according to the terms of their respective contracts, and (iv) provide lien waivers to the State upon request. Examples of prevailing wage categories include public works, printing, janitorial, window washing, building and grounds services, site technician services, natural resource services, security guard and food services. The prevailing wages are revised by the Department of Labor and are available on the Department's official website, which shall be deemed proper notification of any rate changes under this subsection. Vendor is responsible for contacting the Illinois Department of Labor to ensure understanding of prevailing wage requirements at 217-782-6206 or (<http://www.state.il.us/agency/idol/index.htm>).
- 1.4 **Federal Funding:** This contract may be partially or totally funded with Federal funds. If federal funds are expected to be used, then the percentage of the good/service paid using Federal funds and the total Federal funds expected to be used will be provided in the award notice.
- 1.5 **Invoicing:** By submitting an invoice, Vendor certifies that the supplies or services provided meet all requirements of the contract, and the amount billed and expenses incurred are as allowed in the contract. Invoices for supplies purchased, services performed and expenses incurred through December 31 of any year must be submitted to the State no later than February 28 of the following year; otherwise Vendor may have to seek payment through the Illinois Court of Claims. 30 ILCS 105/25. All invoices are subject to statutory offset. 30 ILCS 210.
  - 1.5.1 Vendor shall not bill for any taxes unless accompanied by proof that the State is subject to the tax. If necessary, Vendor may request the applicable Agency/University state tax exemption number and federal tax exemption information.
  - 1.5.2 Vendor shall invoice at the completion of the contract unless invoicing is tied in the contract to milestones, deliverables, or other invoicing requirements agreed to in the contract.

**2. ASSIGNMENT:** This contract may not be assigned, transferred in whole or in part by Vendor without the prior written consent of the State.

**3. AUDIT/RETENTION OF RECORDS:** Vendor and its subcontractors shall maintain books and records relating to the performance of the contract or subcontract and necessary to support amounts charged to the State pursuant the

contract or subcontract. Books and records, including information stored in databases or other computer systems, shall be maintained by the Vendor for a period of five years from the later of the date of final payment under the contract or completion of the contract, and by the subcontractor for a period of five years from the later of final payment under the term or completion of the subcontract. Books and records required to be maintained under this section shall be available for review or audit by representatives of: the procuring Agency/University, the Auditor General, the Executive Inspector General, the Chief Procurement Officer, the Tollway Inspector General, State of Illinois internal auditors or other governmental entities with monitoring authority, upon reasonable notice and during normal business hours. Vendor and its subcontractors shall cooperate fully with any such audit and with any investigation conducted by any of these entities. Failure to maintain books and records required by this section shall establish a presumption in favor of the State for the recovery of any funds paid by the State under the contract for which adequate books and records are not available to support the purported disbursement. The Vendor or subcontractors shall not impose a charge for audit or examination of the Vendor's books and records. 30 ILCS 500/20-65.

4. **TIME IS OF THE ESSENCE:** Time is of the essence with respect to Vendor's performance of this contract. Vendor shall continue to perform its obligations while any dispute concerning the contract is being resolved unless otherwise directed by the State.
5. **NO WAIVER OF RIGHTS:** Except as specifically waived in writing, failure by a Party to exercise or enforce a right does not waive that Party's right to exercise or enforce that or other rights in the future.
6. **FORCE MAJEURE:** Failure by either Party to perform its duties and obligations will be excused by unforeseeable circumstances beyond its reasonable control and not due to its negligence, including acts of nature, acts of terrorism, riots, labor disputes, fire, flood, explosion, and governmental prohibition. The non-declaring Party may cancel the contract without penalty if performance does not resume within 30 days of the declaration.
7. **CONFIDENTIAL INFORMATION:** Each Party, including its agents and subcontractors, to this contract may have or gain access to confidential data or information owned or maintained by the other Party in the course of carrying out its responsibilities under this contract. Vendor shall presume all information received from the State or to which it gains access pursuant to this contract is confidential. Vendor information, unless clearly marked as confidential and exempt from disclosure under the Illinois Freedom of Information Act, shall be considered public. No confidential data collected, maintained, or used in the course of performance of the contract shall be disseminated except as authorized by law and with the written consent of the disclosing Party, either during the period of the contract or thereafter. The receiving Party must return any and all data collected, maintained, created or used in the course of the performance of the contract, in whatever form it is maintained, promptly at the end of the contract, or earlier at the request of the disclosing Party, or notify the disclosing Party in writing of its destruction. The foregoing obligations shall not apply to confidential data or information lawfully in the receiving Party's possession prior to its acquisition from the disclosing Party; received in good faith from a third Party not subject to any confidentiality obligation to the disclosing Party; now is or later becomes publicly known through no breach of confidentiality obligation by the receiving Party; or is independently developed by the receiving Party without the use or benefit of the disclosing Party's confidential information.
8. **USE AND OWNERSHIP:** All work performed or supplies created by Vendor under this contract, whether written documents or data, goods or deliverables of any kind, shall be deemed work for hire under copyright law and all intellectual property and other laws, and the State of Illinois is granted sole and exclusive ownership to all such work, unless otherwise agreed in writing. Vendor hereby assigns to the State all right, title, and interest in and to such work including any related intellectual property rights, and/or waives any and all claims that Vendor may have to such work including any so-called "moral rights" in connection with the work. Vendor acknowledges the State may use the work product for any purpose. Confidential data or information contained in such work shall be subject to confidentiality provisions of this contract.
9. **INDEMNIFICATION AND LIABILITY:** The Vendor shall indemnify and hold harmless the Tollway and State of Illinois, their directors, agencies, officers, employees, agents and volunteers from any and all costs, demands, expenses,

losses, claims, damages, liabilities, settlements and judgments, including in-house and contracted attorneys' fees and expenses, arising out of: (a) any breach or violation by Vendor of any of its certifications, representations, warranties, covenants or agreements; (b) any actual or alleged death or injury to any person, damage to any property or any other damage or loss claimed to result in whole or in part from Vendor's negligent performance; or (c) any negligent act, activity or omission of Vendor or any of its employees, representatives, subcontractors or agents. Neither Party shall be liable for incidental, special, consequential or punitive damages.

10. **INDEPENDENT CONTRACTOR:** Vendor shall act as an independent contractor and not an agent or employee of, or joint venture with the State. All payments by the State shall be made on that basis.
11. **SOLICITATION AND EMPLOYMENT:** Vendor shall not employ any person employed by the State during the term of this contract to perform any work under this contract. Vendor shall give notice immediately to the Agency's director if Vendor solicits or intends to solicit State employees to perform any work under this contract.
12. **COMPLIANCE WITH THE LAW:** The Vendor, its employees, agents, and subcontractors shall comply with all applicable federal, state, and local laws, rules, ordinances, regulations, orders, federal circulars and all license and permit requirements in the performance of this contract. Vendor shall be in compliance with applicable tax requirements and shall be current in payment of such taxes. Vendor shall obtain at its own expense, all licenses and permissions necessary for the performance of this contract.
13. **BACKGROUND CHECK:** Whenever the State deems it reasonably necessary for security reasons, the State may conduct, at its expense, criminal and driver history background checks of Vendor's and subcontractors officers, employees or agents. Vendor or subcontractor shall reassign immediately any such individual who, in the opinion of the State, does not pass the background check.
14. **APPLICABLE LAW:** This contract shall be construed in accordance with and is subject to the laws and rules of the State of Illinois. The Department of Human Rights' Equal Opportunity requirements (44 Ill. Adm. Code 750) are incorporated by reference. Any claim against the State arising out of this contract must be filed exclusively with the Illinois Court of Claims. 705 ILCS 505/1. The State shall not enter into binding arbitration to resolve any contract dispute. The State of Illinois does not waive sovereign immunity by entering into this contract. The official text of cited statutes is incorporated by reference. An unofficial version can be viewed at <http://www.ilga.gov/legislation/ilcs/ilcs.asp>.
15. **ANTI-TRUST ASSIGNMENT:** If Vendor does not pursue any claim or cause of action it has arising under federal or state antitrust laws relating to the subject matter of the contract, then upon request of the Illinois Attorney General, Vendor shall assign to the State rights, title and interest in and to the claim or cause of action.
16. **CONTRACTUAL AUTHORITY:** The Agency that signs for the State of Illinois shall be the only State entity responsible for performance and payment under the contract. When the Chief Procurement Officer or authorized designee signs in addition to an Agency, they do so as approving officer and shall have no liability to Vendor. When the Chief Procurement Officer or authorized designee, or State Purchasing Officer signs a master contract on behalf of State agencies, only the Agency that places an order with the Vendor shall have any liability to Vendor for that order.
17. **NOTICES:** Notices and other communications provided for herein shall be given in writing by registered or certified mail, return receipt requested, by receipted hand delivery, by courier (UPS, Federal Express or other similar and reliable carrier), by e-mail, or by fax showing the date and time of successful receipt. Notices shall be sent to the individuals who signed the contract using the contact information following the signatures. Each such notice shall be deemed to have been provided at the time it is actually received. By giving notice, either Party may change the contact information.
18. **MODIFICATIONS AND SURVIVAL:** Amendments, modifications and waivers must be in writing and signed by authorized representatives of the Parties. Any provision of this contract officially declared void, unenforceable,

or against public policy, shall be ignored and the remaining provisions shall be interpreted, as far as possible, to give effect to the Parties' intent. All provisions that by their nature would be expected to survive, shall survive termination. In the event of a conflict between the State's and the Vendor's terms, conditions and attachments, the State's terms, conditions and attachments shall prevail.

19. **PERFORMANCE RECORD / SUSPENSION:** Upon request of the State, Vendor shall meet to discuss performance or provide contract performance updates to help ensure proper performance of the contract. The State may consider Vendor's performance under this contract and compliance with law and rule to determine whether to continue the contract, suspend Vendor from doing future business with the State for a specified period of time, or to determine whether Vendor can be considered responsible on specific future contract opportunities.
20. **FREEDOM OF INFORMATION ACT:** This contract and all related public records maintained by, provided to or required to be provided to the State are subject to the Illinois Freedom of Information Act (FOIA) (50 ILCS 140) notwithstanding any provision to the contrary that may be found in this contract.
21. **SCHEDULE OF WORK:** Any work performed on State premises shall be done during the hours designated by the State and performed in a manner that does not interfere with the State and its personnel.
22. **WARRANTIES FOR SUPPLIES AND SERVICES:**
  - 22.1 Vendor warrants that the supplies furnished under this contract will: (a) conform to the standards, specifications, drawing, samples or descriptions furnished by the State or furnished by the Vendor and agreed to by the State, including but not limited to all specifications attached as exhibits hereto; (b) be merchantable, of good quality and workmanship, and free from defects for a period of twelve months or longer if so specified in writing, and fit and sufficient for the intended use; (c) comply with all federal and state laws, regulations and ordinances pertaining to the manufacturing, packing, labeling, sale and delivery of the supplies; (d) be of good title and be free and clear of all liens and encumbrances and; (e) not infringe any patent, copyright or other intellectual property rights of any third party. Vendor agrees to reimburse the State for any losses, costs, damages or expenses, including without limitations, reasonable attorney's fees and expenses, arising from failure of the supplies to meet such warranties.
  - 22.2 Vendor shall insure that all manufacturers' warranties are transferred to the State and shall provide a copy of the warranty. These warranties shall be in addition to all other warranties, express, implied or statutory, and shall survive the State's payment, acceptance, inspection or failure to inspect the supplies.
  - 22.3 Vendor warrants that all services will be performed to meet the requirements of the contract in an efficient and effective manner by trained and competent personnel. Vendor shall monitor performances of each individual and shall reassign immediately any individual who is not performing in accordance with the contract, who is disruptive or not respectful of others in the workplace, or who in any way violates the contract or State policies.
23. **REPORTING, STATUS AND MONITORING SPECIFICATIONS:**
  - 23.1 Vendor shall immediately notify the State of any event that may have a material impact on Vendor's ability to perform the contract.
  - 23.2 By August 31 of each year, Vendor shall report to the Agency or University the number of qualified veterans and certain ex-offenders hired during Vendor's last completed fiscal year. Vendor may be entitled to employment tax credit for hiring individuals in those groups. 35 ILCS 5/216, 5/217.



24. **EMPLOYMENT TAX CREDIT:** Vendors who hire qualified veterans and certain ex-offenders may be eligible for tax credits. 30 ILCS 500/45-67 and 45-70. Please contact the Illinois Department of Revenue (telephone #: 217-524-4772) for information about tax credits.

25. **SUPPLEMENTAL PROVISIONS**

25.1 **TOLLWAY SUPPLEMENTAL PROVISIONS**

25.1.1 **Agents and Employees:**

Vendor shall be responsible for the negligent acts and omissions of its agents, employees and subcontractors in their performance of Vendor's duties under this Contract. Vendor represents that it shall utilize the services of individuals skilled in the profession for which they will be used in performing services or supplying goods hereunder. In the event that the Tollway determines that any individual performing services or supplying goods for Vendor hereunder is not providing such skilled services or delivery of goods, it shall promptly notify the Vendor and the Vendor shall replace that individual.

25.1.2 **Publicity:**

Vendor shall not, in any advertisement or any other type of solicitation for business, state, indicate or otherwise imply that it is under contract to the Tollway nor shall the Tollway's name be used in any such advertisement or solicitation without prior written approval except as required by law.

25.1.3 **Third Party Beneficiaries:**

There are no third party beneficiaries to this Contract. This Contract is intended only to benefit the Tollway/Buyer and the Vendor.

25.1.4 **Successors In Interest:**

All the terms, provisions, and conditions of the Contract shall be binding upon and inure to the benefit of the parties hereto and their respective successors, assigns and legal representatives.

25.1.5 **Venue:**

Any claim against the Tollway arising out of this contract must be filed exclusively with Circuit Court for the Eighteenth Judicial Circuit, DuPage County, Illinois for State claims and the U.S. District Court for the Northern District of Illinois for Federal claims.

25.1.5.1 Whenever "State" is used or referenced in this Contract, it shall be interpreted to mean "Tollway".

25.1.5.2 The State Prompt Payment Act (30 ILCS 40) does not apply to the Tollway.

25.1.5.3 The Tollway is not currently an appropriated agency.

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

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

### **25.3 VENDOR SUPPLEMENTAL PROVISIONS**


Vendor Supplemental Provisions:

**STATE OF ILLINOIS**  
**SOLICITATION AND CONTRACT TERMS AND CONDITIONS EXCEPTIONS**

Quigg Engineering Inc. agrees with the terms and conditions set forth in the Professional Services Bulletin, including the standard terms and conditions, the Agency/University supplemental provisions, certifications, and disclosures, with the following exceptions:

	Excluding certifications required by statute to be made by the Vendor, both Parties agree that all of the duties and obligations that the Vendor owes to the Agency/University for the work performed shall be pursuant to the solicitation and resulting contract, and Vendor's exceptions accepted by the State thereto as set forth below.
	<b>STANDARD TERMS AND CONDITIONS</b>
<b>Section/ Subsection #</b>	State the exception such as "add," "replace," and/or "delete."
	N/A
	<b>ADDITIONAL TERMS AND CONDITIONS</b>
<b>New Provision(s), # et. seq.</b>	<b>Section/Subsection New Number, Title of New Subsection:</b> State the new additional term or condition.
	N/A

\_\_\_\_\_ hereby agrees to the exceptions provided by \_\_\_\_\_ and to the Additional Terms and Conditions provided by \_\_\_\_\_.

Agreed: Quigg Engineering Inc.	Agreed:
By: Lori L. Quigg	By:
Signed: 	Signed:
Position: President	Position:
Date: 5/22/2017	Date:



**Subconsultant Information/Delinquent Debt Review  
Consultant  
Sub-Consultant  
FEIN**

**Date:** 5/22/2017 **Project Number:** I-17-4299  
**Project Name:** Tri-State Tollway, Roadway Reconstruction, EW Connector to Roosevelt Rd.

**DELINQUENT DEBT REVIEW**

Sub Consultant Disclosure.

Will you be using any sub-consultants?  Yes  No

If yes, you must identify below, to the extent the information is known, the names, addresses and type of work all SubConsultants you will be using in the performance of this Contract, together with the anticipated percentage each is expected to receive pursuant to this Contract. The State may request updated information at any time. For purposes of this section Sub-Contractors/Consultants are those specifically hired to perform all, or part, of the work of this contract or to provide the supplies requested by the State.

Upon request, our firm agrees to provide a copy of the subcontract, if required, within fifteen (15) days after execution of the contract if selected, or after execution of the subcontract, whichever is later, for those subcontracts with an annual value of more than \$50,000. All subcontracts over \$50,000 must include the same certifications that the Vendor must make as a condition of the contract. The vendor shall include in each subcontract the subcontractor certifications as shown on the Standard Subcontractor Certification form available from the State.

Delinquent Payment. The /Consultant certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The Consultant further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the Consultant or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

**CONTRACTOR/  
CONSULTANT**

**Consultant:** Quigg Engineering Inc.

**Federal Employment Identification Number (FEIN)** [REDACTED]

**E-Mail:** lquigg@quiggengineering.com

Include an attachment if more space is needed to provide the below information. The attachment must provide the requested information.

**NOTE for Construction Contracts: List all known subcontractors including those identified in the Bid Package on DBE Form 2025 and VOSB Form 2025, and include any name listed in the "Under Contract To" section of these forms.**

<u>Sub-Consultant(s)</u>	<u>Sub-Consultant FEIN</u>	<u>Address</u>	<u>General Type of Work</u>	<u>Anticipated Percentage of Contract (to extent known)</u>
Michael Baker International	[REDACTED]	200 W. Adams St., Suite 2800, Chicago, IL	Structures, Roadway	20%
Civiltech Engineering, Inc.		Two Pierce Place, Suite 1400, Itasca, IL	Roadway	15%
A Epstein & Sons international		600 West Fulton Street, Chicago, IL	Roadway	10%

Collins Engineers, Inc.	[REDACTED]	123 N. Wacker Drive, Suite 900 Chicago, IL	Structures	5%
Material Service Testing, Inc.		2462 Delta Ln, Elk Grove Village, IL	Geotechnical	2%
J.A. Watts, Inc.		10400 W. Higgins Rd, Suite 704, Rosemont, IL	Utilities	2%
Singh & Associates, Inc.		230 W. Monroe St., Ste. 1400, Chicago, IL	Lighting	2%
D'Escoto, Inc.		420 N. Wabash, Suite 200, Chicago, IL	Drainage	2%
Ames Engineering, Inc.		5413 Walnut Ave, Suite 2F, Downers Grove, IL	Barrier Warrants	2%

Signature: [REDACTED]

Date: 5/22/2017

Printed Name: Lon L. Quigg

**STATE OF ILLINOIS  
TAXPAYER IDENTIFICATION NUMBER**

I certify that:

The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and

I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and

I am a U.S. person (including a U.S. resident alien).

- If you are an individual, enter your name and SSN as it appears on your Social Security Card.
- If you are a sole proprietor, enter the owner's name on the name line followed by the name of the business and the owner's SSN or EIN.
- If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's name on the name line and the D/B/A on the business name line and enter the owner's SSN or EIN.
- If the LLC is a corporation or partnership, enter the entity's business name and EIN and for corporations, attach IRS acceptance letter (CP261 or CP277).
- For all other entities, enter the name of the entity as used to apply for the entity's EIN and the EIN.

Name: [Click here to enter text.](#)

Business Name: Quigg Engineering Inc.

Taxpayer Identification Number:

Social Security Number: [Click here to enter text.](#)

or

Employer Identification Number: 

Legal Status (check one):

- |   |   |
|---|---|
| <input type="checkbox"/> Individual   | <input type="checkbox"/> Governmental                           |
| <input type="checkbox"/> Sole Proprietor  | <input type="checkbox"/> Nonresident alien                      |
| <input type="checkbox"/> Partnership  | <input type="checkbox"/> Estate or trust                        |
| <input type="checkbox"/> Legal Services Corporation   | <input type="checkbox"/> Pharmacy (Non-Corp.)                   |
| <input type="checkbox"/> Tax-exempt   | <input type="checkbox"/> Pharmacy/Funeral Home/Cemetery (Corp.) |
| <input type="checkbox"/> Corporation providing or billing<br>medical and/or health care services                | <input type="checkbox"/> Limited Liability Company              |
| <input checked="" type="checkbox"/> Corporation NOT providing or billing<br>medical and/or health care services | (select applicable tax classification)                          |
|   | <input type="checkbox"/> D = disregarded entity                 |
|   | <input type="checkbox"/> C = corporation                        |
|   | <input type="checkbox"/> P = partnership                        |

Signature of Authorized Representative: 

Date:

8/3/17

# Certificate of Registration

**STATE BOARD OF ELECTIONS**

**Registration No. 10643**

**Quigg Engineering Inc.**

2351 South Dirksen Parkway

Springfield IL 62703

Information for this business last updated on:

Tuesday, March 7, 2017

Certificate produced on Tuesday, March 07, 2017 at 8:31 AM



Business EXHIBIT "1"

Page 20 of 301



**To all to whom these Presents Shall Come, Greeting:**

*I, Jesse White, Secretary of State of the State of Illinois, do hereby certify that I am the keeper of the records of the Department of Business Services. I certify that*

QUIGG ENGINEERING INC., A DOMESTIC CORPORATION, INCORPORATED UNDER THE LAWS OF THIS STATE ON MAY 05, 2006, APPEARS TO HAVE COMPLIED WITH ALL THE PROVISIONS OF THE BUSINESS CORPORATION ACT OF THIS STATE RELATING TO THE PAYMENT OF FRANCHISE TAXES, AND AS OF THIS DATE, IS IN GOOD STANDING AS A DOMESTIC CORPORATION IN THE STATE OF ILLINOIS.

***In Testimony Whereof, I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois, this 14TH day of FEBRUARY A.D. 2017 .***



*Jesse White*

Authentication #: 1704501050 verifiable until 02/14/2018

Authenticate at: <http://www.cyberdriveillinois.com>

SECRETARY OF STATE

EXHIBIT "1"



**Vendor Registration: View Form**

**Help & Tools** 

- General
- Public Profile
- Users
- Commodity Codes
- Contacts & Owners
- Comments
- Reviews
- Certifications
- Site Visits
- Registrations

**Quigg Engineering Inc.**

**System Vendor Number: 20061286**

**Return to Main Form**

<b>Vendor Registration</b>	
FORM NAME	A - B. Business Information & Additional Information
DESCRIPTION	Complete section A and B, in order to submit this form.
DATE SUBMITTED	4/28/2017
STATUS	Accepted
BUSINESS NAME	Quigg Engineering Inc.
POINT OF CONTACT	<u>Rebecca Stocker</u>
FLAG FORM	<u>Add Flag</u>

<b>A. Business Information</b>	
1. YOUR BUSINESS IS REGISTERING AS A	Prime contractor and subcontractor <span style="float: right;">Y/N</span>
2. NAME OF CEO/BUSINESS OWNER	Lori Quigg <span style="float: right;">Y/N</span>
3. ANNUAL SALES/GROSS RECEIPTS	9,239,373 <span style="float: right;">Y/N</span>
4. WHEN WAS YOUR BUSINESS ESTABLISHED?	05/12/2006 <span style="float: right;">Y/N</span>
5. IN WHAT ILLINOIS COUNTY(IES) ARE YOU CONDUCTING BUSINESS?	The business conducts business statewide. <span style="float: right;">Y/N</span>
6. CONTACT PERSON FOR THIS VENDOR REGISTRATION	Sara Seger <span style="float: right;">Y/N</span>
CONTACT PERSON TITLE	Executive Assistant
CONTACT PERSON PHONE	217-670-0563
CONTACT PERSON EMAIL	sseger@quiggengineering.com

<b>B. Additional Information</b>	
1. HOW DID YOU LEARN ABOUT THE ILLINOIS PROCUREMENT GATEWAY?	Business Enterprise Program (BEP) / Veterans Business Program (VBP)Small Business Administration (SBA)State Agency <span style="float: right;">Y/N</span>

### Vendor Registration: View Form


- General
- Public Profile
- Users
- Commodity Codes
- Contacts & Owners
- Comments
- Reviews
- Certifications
- Site Visits
- Registrations

**Quigg Engineering Inc.**

System Vendor Number: 20061286

[Return to Main Form](#)

Vendor Registration	
FORM NAME	C. Small Business Set-Aside Program
DESCRIPTION	Complete the Small Business Set-Aside Program form
DATE SUBMITTED	4/28/2017
STATUS	Accepted
BUSINESS NAME	Quigg Engineering Inc.
POINT OF CONTACT	<u>Rebecca Stocker</u>
FLAG FORM	<a href="#">Add Flag</a>

C. Small Business Set-Aside Program	
1. WOULD YOU LIKE TO APPLY/RE-QUALIFY FOR THE SMALL BUSINESS SET-ASIDE PROGRAM?	No <span style="float: right;"></span>

Additional Information	
STAFF ATTACHED FILE(S)	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Attach File</div>
<a href="#">Refresh List</a> after attaching file(s).	

**Vendor Registration: View Form**

**Help & Tools** 

- General
- Public Profile
- Users
- Commodity Codes
- Contacts & Owners
- Comments
- Reviews
- Certifications
- Site Visits
- Registrations

**Quigg Engineering Inc.**

System Vendor Number: 20081288

[Return to Main Form](#)

Vendor Registration	
FORM NAME	D - E. Department of Human Rights (DHR) & Authorized to do Business in Illinois
DESCRIPTION	Complete section D and E, in order to submit this form.
DATE SUBMITTED	4/28/2017
STATUS	Accepted
BUSINESS NAME	Quigg Engineering Inc.
POINT OF CONTACT	<u>Rebecca Stocker</u>
FLAG FORM	<a href="#">Add Flag</a>

D. Department of Human Rights (DHR)	
1. HIGHEST NUMBER OF EMPLOYEES (INCLUDING FULL AND PART TIME EMPLOYEES) AT ANY TIME DURING THE PAST YEAR	78 <span style="float: right;">  1</span>
2. SELECT THE DHR STATUS OF YOUR BUSINESS	My business had 15 or more employees at any time within the past year. <span style="float: right;">  1</span> 125968-00 expires 8/18/2021

E. Authorized to do Business in Illinois	
1. IS YOUR BUSINESS REGISTERED AND AUTHORIZED TO DO BUSINESS IN ILLINOIS?	Yes, registered and in good standing with the Illinois Secretary of State <span style="float: right;">  1</span>

Additional Information	
STAFF ATTACHED FILE(S)	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Attach File</div>
<small>Refresh List after attaching file(s).</small>	

## Vendor Registration: View Form

General	Public Profile	Users	Commodity Codes	Contacts & Owners	Comments	Reviews	Certifications	Site Visits	Registrations
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Quigg Engineering Inc.

System Vendor Number: 20061286

Return to Main Form

## Vendor Registration

FORM NAME	<b>F - G. Certifications &amp; Board of Elections</b>
DESCRIPTION	Complete section F - G, in order to submit the form.
DATE SUBMITTED	4/28/2017
STATUS	Accepted
BUSINESS NAME	Quigg Engineering Inc.
POINT OF CONTACT	<u>Rebecca Stocker</u>
FLAG FORM	<u>Add Flag</u>

## F. Certifications

1. VENDOR CERTIFIES IT AND ITS EMPLOYEES WILL COMPLY WITH APPLICABLE PROVISIONS OF THE UNITED STATES. CIVIL RIGHTS ACT, SECTION 504 OF THE FEDERAL REHABILITATION ACT, THE AMERICANS WITH DISABILITIES ACT, AND APPLICABLE RULES IN PERFORMANCE OF THIS CONTRACT. Y

Yes

2. THIS APPLIES TO INDIVIDUALS, SOLE PROPRIETORSHIPS, GENERAL PARTNERSHIPS, AND SINGLE MEMBER LLCs, BUT IS NOT OTHERWISE APPLICABLE. VENDOR CERTIFIES HE/SHE IS NOT IN DEFAULT ON AN EDUCATIONAL LOAN. 5 ILCS 385/3 Y

N/A

3. VENDOR CERTIFIES THAT IT HAS REVIEWED AND WILL COMPLY WITH THE DEPARTMENT OF EMPLOYMENT SECURITY LAW (20 ILCS 1005/1005-47) AS APPLICABLE Y

Yes

4. IF YOU ARE AWARDED A CONTRACT FOR WHICH THERE WAS A CURRENT VENDOR PROVIDING THE SERVICES COVERED BY THAT CONTRACT AND THE EMPLOYEES OF THAT VENDOR WHO PROVIDED THOSE SERVICES WERE COVERED BY A COLLECTIVE BARGAINING AGREEMENT, VENDOR CERTIFIES (I) THAT IT WILL OFFER TO ASSUME THE COLLECTIVE BARGAINING OBLIGATIONS OF THE PRIOR EMPLOYER, INCLUDING ANY EXISTING COLLECTIVE BARGAINING AGREEMENT WITH THE BARGAINING REPRESENTATIVE OF ANY EXISTING COLLECTIVE BARGAINING UNIT OR UNITS PERFORMING SUBSTANTIALLY SIMILAR WORK TO THE SERVICES COVERED BY THAT CONTRACT SUBJECT TO ITS BID OR OFFER; AND (II) THAT IT SHALL OFFER EMPLOYMENT TO ALL EMPLOYEES THAT ARE THEN CURRENTLY EMPLOYED IN ANY EXISTING BARGAINING UNIT WHO PERFORMS SUBSTANTIALLY SIMILAR WORK TO THE WORK THAT WILL BE PERFORMED PURSUANT TO THAT CONTRACT. THIS DOES NOT APPLY TO HEATING, AIR CONDITIONING, PLUMBING AND ELECTRICAL SERVICE CONTRACTS. 30 ILCS 500/25-80 Y

Yes

5. VENDOR CERTIFIES IT HAS NEITHER BEEN CONVICTED OF BRIBING OR ATTEMPTING TO BRIBE AN OFFICER OR EMPLOYEE OF THE STATE OF ILLINOIS OR ANY OTHER STATE, NOR MADE AN ADMISSION OF GUILT OF SUCH CONDUCT THAT IS A MATTER OF RECORD. 30 ILCS 500/50-5 Y

Yes

EXHIBIT "1"

6. IF VENDOR HAS BEEN CONVICTED OF A FELONY, VENDOR CERTIFIES AT LEAST FIVE YEARS HAVE PASSED SINCE THE DATE OF COMPLETION OF THE SENTENCE FOR SUCH FELONY, UNLESS NO PERSON HELD RESPONSIBLE BY A PROSECUTOR'S OFFICE FOR THE FACTS UPON WHICH THE CONVICTION WAS BASED CONTINUES TO HAVE ANY INVOLVEMENT WITH THE BUSINESS. VENDOR FURTHER CERTIFIES THAT IT IS NOT BARRED FROM BEING AWARDED A CONTRACT. 30 ILCS 500/50-10

Yes

7. IF VENDOR OR ANY OFFICER, DIRECTOR, PARTNER, OR OTHER MANAGERIAL AGENT OF VENDOR HAS BEEN CONVICTED OF A FELONY UNDER THE SARBANES-OXLEY ACT OF 2002, OR A CLASS 3 OR CLASS 2 FELONY UNDER THE ILLINOIS SECURITIES LAW OF 1953, VENDOR CERTIFIES AT LEAST FIVE YEARS HAVE PASSED SINCE THE DATE OF THE CONVICTION. VENDOR FURTHER CERTIFIES THAT IT IS NOT BARRED FROM BEING AWARDED A CONTRACT. 30 ILCS 500/50-10.5

Yes

8. VENDOR CERTIFIES THAT IT AND ITS AFFILIATES ARE NOT DELINQUENT IN THE PAYMENT OF ANY DEBT TO THE UNIVERSITY OR THE STATE (OR IF DELINQUENT, HAVE ENTERED INTO A DEFERRED PAYMENT PLAN TO PAY THE DEBT). 30 ILCS 500/50-11, 50-60

Yes

9. VENDOR CERTIFIES THAT IT AND ALL AFFILIATES SHALL COLLECT AND REMIT ILLINOIS USE TAX ON ALL SALES OF TANGIBLE PERSONAL PROPERTY INTO THE STATE OF ILLINOIS IN ACCORDANCE WITH PROVISIONS OF THE ILLINOIS USE TAX ACT. 30 ILCS 500/50-12

Yes

10. VENDOR CERTIFIES THAT IT HAS NOT BEEN FOUND BY A COURT OR THE POLLUTION CONTROL BOARD TO HAVE COMMITTED A WILLFUL OR KNOWING VIOLATION OF THE ENVIRONMENTAL PROTECTION ACT WITHIN THE LAST FIVE YEARS, AND IS THEREFORE NOT BARRED FROM BEING AWARDED A CONTRACT. 30 ILCS 500/50-14

Yes

11. VENDOR CERTIFIES IT HAS NEITHER PAID ANY MONEY OR VALUABLE THING TO INDUCE ANY PERSON TO REFRAIN FROM BIDDING ON A STATE CONTRACT, NOR ACCEPTED ANY MONEY OR OTHER VALUABLE THING, OR ACTED UPON THE PROMISE OF SAME, FOR NOT BIDDING ON A STATE CONTRACT. 30 ILCS 500/50-25

Yes

12. VENDOR CERTIFIES IT HAS READ, UNDERSTANDS AND IS NOT KNOWINGLY IN VIOLATION OF THE "REVOLVING DOOR" PROVISION OF THE ILLINOIS PROCUREMENT CODE. 30 ILCS 500/50-30

Yes

13. VENDOR CERTIFIES THAT IF IT HIRES A PERSON REQUIRED TO REGISTER UNDER THE LOBBYIST REGISTRATION ACT TO ASSIST IN OBTAINING ANY STATE CONTRACT, THAT NONE OF THE LOBBYIST'S COSTS, FEES, COMPENSATION, REIMBURSEMENTS OR OTHER REMUNERATION WILL BE BILLED TO THE STATE. 30 ILCS 500/50-38

Yes

14. VENDOR CERTIFIES THAT IT WILL NOT RETAIN A PERSON OR ENTITY TO ATTEMPT TO INFLUENCE THE OUTCOME OF A PROCUREMENT DECISION FOR COMPENSATION CONTINGENT IN WHOLE OR IN PART UPON THE DECISION OR PROCUREMENT. 30 ILCS 500/50-38

Yes

15. VENDOR CERTIFIES IT WILL REPORT TO THE ILLINOIS ATTORNEY GENERAL AND THE CHIEF PROCUREMENT OFFICER ANY SUSPECTED COLLUSION OR OTHER ANTI-COMPETITIVE PRACTICE AMONG ANY BIDDERS, OFFERORS, CONTRACTORS, PROPOSERS, OR EMPLOYEES OF THE STATE. 30 ILCS 500/50-40, 50-45, 50-50

Yes

16. VENDOR CERTIFIES THAT IF IT IS AWARDED A CONTRACT THROUGH THE USE OF THE PREFERENCE REQUIRED BY THE PROCUREMENT OF DOMESTIC PRODUCTS ACT, THEN IT SHALL PROVIDE PRODUCTS PURSUANT TO THE CONTRACT OR A SUBCONTRACT THAT ARE MANUFACTURED IN THE UNITED STATES. 30 ILCS 517

Yes

17. VENDOR CERTIFIES THAT IF AWARDED A CONTRACT FOR PUBLIC WORKS, STEEL PRODUCTS USED OR SUPPLIED IN THE PERFORMANCE OF THAT CONTRACT SHALL BE MANUFACTURED OR PRODUCED IN THE UNITED STATES, UNLESS THE EXECUTIVE HEAD OF THE PROCURING AGENCY/UNIVERSITY GRANTS AN EXCEPTION IN WRITING. 30 ILCS 565

Yes

18. IF VENDOR IS AWARDED A CONTRACT WORTH MORE THAN \$5,000 AND EMPLOYS 25 OR MORE EMPLOYEES, VENDOR CERTIFIES IT WILL PROVIDE A DRUG FREE WORKPLACE PURSUANT TO THE DRUG FREE WORKPLACE ACT. 30 ILCS 580

Yes

19. IF VENDOR IS AN INDIVIDUAL AND IS AWARDED A CONTRACT WORTH MORE THAN \$5,000, VENDOR CERTIFIES IT SHALL NOT ENGAGE IN THE UNLAWFUL MANUFACTURE, DISTRIBUTION, DISPENSATION, POSSESSION, OR USE OF A CONTROLLED SUBSTANCE DURING THE PERFORMANCE OF THE CONTRACT PURSUANT TO THE DRUG FREE WORKPLACE ACT. 30 ILCS 580

Yes

20. VENDOR CERTIFIES THAT NEITHER VENDOR NOR ANY SUBSTANTIALLY OWNED AFFILIATE IS PARTICIPATING OR SHALL PARTICIPATE IN AN INTERNATIONAL BOYCOTT IN VIOLATION OF THE U.S. EXPORT ADMINISTRATION ACT OF 1979 OR THE APPLICABLE REGULATIONS OF THE UNITED STATES DEPARTMENT OF COMMERCE. 30 ILCS 582

Yes

21. VENDOR CERTIFIES THAT NO FOREIGN-MADE EQUIPMENT, MATERIALS, OR SUPPLIES FURNISHED TO THE AGENCY/UNIVERSITY UNDER ANY CONTRACT HAVE BEEN OR WILL BE PRODUCED IN WHOLE OR IN PART BY FORCED LABOR OR INDENTURED LABOR UNDER PENAL SANCTION. 30 ILCS 583

Yes

22. VENDOR CERTIFIES THAT NO FOREIGN-MADE EQUIPMENT, MATERIALS, OR SUPPLIES FURNISHED TO THE AGENCY/UNIVERSITY UNDER ANY CONTRACT HAVE BEEN PRODUCED IN WHOLE OR IN PART BY THE LABOR OR ANY CHILD UNDER THE AGE OF 12. 30 ILCS 584

Yes

23. VENDOR CERTIFIES THAT IF AWARDED A CONTRACT INCLUDING INFORMATION TECHNOLOGY, ELECTRONIC INFORMATION, SOFTWARE, SYSTEMS AND EQUIPMENT, DEVELOPED OR PROVIDED UNDER ANY CONTRACT, IT WILL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE ILLINOIS INFORMATION TECHNOLOGY ACCESSIBILITY ACT STANDARDS. 30 ILCS 587

Yes

24. VENDOR CERTIFIES THAT IF IT OWNS RESIDENTIAL BUILDINGS, THAT ANY VIOLATION OF THE LEAD POISONING PREVENTION ACT HAS BEEN MITIGATED. 410 ILCS 45

Yes

25. VENDOR CERTIFIES IT HAS NOT BEEN CONVICTED OF THE OFFENSE OF BID RIGGING OR BID ROTATING OR ANY SIMILAR OFFENSE OF ANY STATE OR OF THE UNITED STATES. 720 ILCS 5/33 E-3, E-4, E-11

Yes

26. VENDOR CERTIFIES IT COMPLIES WITH THE ILLINOIS DEPARTMENT OF HUMAN RIGHTS ACT AND RULES APPLICABLE TO PUBLIC CONTRACTS, WHICH INCLUDE PROVIDING EQUAL EMPLOYMENT OPPORTUNITY, REFRAINING FROM UNLAWFUL DISCRIMINATION, AND HAVING WRITTEN SEXUAL HARASSMENT POLICIES. 775 ILCS 5/2-105

Yes

27. VENDOR CERTIFIES IT DOES NOT PAY DUES TO OR REIMBURSE OR SUBSIDIZE PAYMENTS BY ITS EMPLOYEES FOR ANY DUES OR FEES TO ANY "DISCRIMINATORY CLUB." 775 ILCS 25/2

Yes

28. VENDOR WARRANTS AND CERTIFIES THAT IT AND, TO THE BEST OF ITS KNOWLEDGE, ITS SUBCONTRACTORS HAVE AND WILL COMPLY WITH EXECUTIVE ORDER NO. 1 (2007). THE ORDER GENERALLY PROHIBITS VENDORS AND SUBCONTRACTORS FROM HIRING THE THEN-SERVING GOVERNOR'S FAMILY MEMBERS TO LOBBY PROCUREMENT ACTIVITIES OF THE STATE, OR ANY OTHER GOVERNMENT IN ILLINOIS INCLUDING LOCAL GOVERNMENTS IF THAT PROCUREMENT MAY RESULT IN A CONTRACT VALUED AT OVER \$25,000. THIS PROHIBITION ALSO APPLIES TO HIRING FOR THAT SAME PURPOSE ANY FORMER STATE EMPLOYEE WHOSE PROCUREMENT AUTHORITY AT ANY TIME DURING THE ONE-YEAR PERIOD PRECEDING THE PROCUREMENT LOBBYING ACTIVITY.

Yes

29. VENDOR CERTIFIES THAT IT HAS READ, UNDERSTANDS AND IS IN COMPLIANCE WITH THE REGISTRATION REQUIREMENTS OF THE ILLINOIS ELECTIONS CODE (10 ILCS 5/9-35) AND THE RESTRICTIONS ON MAKING POLITICAL CONTRIBUTIONS AND RELATED REQUIREMENTS OF THE ILLINOIS PROCUREMENT CODE. 30 ILCS 500/20-160 AND 50-37 VENDOR WILL NOT MAKE A POLITICAL

EXHIBIT "1"

CONTRIBUTION THAT WILL VIOLATE THESE REQUIREMENTS.

Yes

30. THIS APPLIES TO INDIVIDUALS, SOLE PROPRIETORSHIPS, GENERAL PARTNERSHIPS, AND SINGLE MEMBER LLCs, BUT IS NOT OTHERWISE APPLICABLE. VENDOR CERTIFIES THAT HE/SHE HAS NOT RECEIVED AN EARLY RETIREMENT INCENTIVE PRIOR TO 1993 UNDER SECTION 14-108.3 OR 16-133.3 OF THE ILLINOIS PENSION CODE OR AN EARLY RETIREMENT INCENTIVE ON OR AFTER 2002 UNDER SECTION 14-108.3 OR 16-133.3 OF THE ILLINOIS PENSION CODE. (30 ILCS 105/15A; 40 ILCS 5/14-108.3; 40 ILCS 5/16-133

N/A

**G. Board of Elections (BOE)**

1. IS YOUR BUSINESS REGISTERED WITH THE BOARD OF ELECTIONS (BOE)?

Yes, I certify my business is registered with BOE.

10643

**Additional Information**

STAFF ATTACHED FILE(S)

**Attach File**

Refresh List after attaching file(s).

**Customer Support**

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### Vendor Registration: View Form

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**Qulgg Engineering Inc.**

System Vendor Number: 20061285

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Vendor Registration	
FORM NAME	H. Iran Disclosure
DESCRIPTION	Complete section H, in order to submit this form.
DATE SUBMITTED	4/28/2017
STATUS	Accepted
BUSINESS NAME	Qulgg Engineering Inc.
POINT OF CONTACT	<u>Rebecca Stocker</u>
FLAG FORM	<a href="#">Add Flag</a>

H. Iran Disclosure
<p>1. DO YOU OR ANY OF YOUR CORPORATE PARENTS OR SUBSIDIARIES HAVE ANY BUSINESS OPERATIONS THAT MUST BE DISCLOSED? <span style="float: right;">1</span></p> <p style="margin-left: 20px;">No business operations to disclose.</p>

Additional Information
<p>STAFF ATTACHED FILE(S) <span style="margin-left: 50px;"><a href="#">Attach File</a></span></p> <p style="text-align: center; margin-top: 5px;"><a href="#">Refresh List</a> after attaching file(s).</p>

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**STATE OF ILLINOIS**  
**FORMS B CERTIFICATIONS AND DISCLOSURES**

IPB Reference #: 22040488      Procurement/Contract #: PSB 17-3, I-17-4299

This Forms B may be used when responding to an Invitation for Bid (IFB) or a Request for Proposal (RFP) if the vendor is registered in the Illinois Procurement Gateway (IPG) and has a valid IPG Registration Number.

If a vendor does not have a valid IPG registration number, then the vendor must complete and submit Forms A with their response. Failure to do so may render the submission non-responsive and result in disqualification.

Please read this entire section and provide the requested information as applicable. All parts in Forms B must be completed in full and submitted along with the vendor's response.

**1. Certification of Illinois Procurement Gateway Registration**

My business has a valid Illinois Procurement Gateway (IPG) registration. The State of Illinois Chief Procurement Office approved the registration and provided the IPG registration number and expiration date disclosed in this Forms B.

To ensure that you have a valid registration in the IPG, search for your business name in the IPG Registered Vendor Directory. If your company does not appear in the search results, then you do not have a valid IPG registration.

IPG Registration #: 20061286    IPG Expiration Date: May 4, 2018

**2. Certification Timely to this Solicitation or Contract**

Vendor certifies it is not barred from having a contract with the State based upon violating the prohibitions related to either submitting/writing specifications or providing assistance to an employee of the State of Illinois by reviewing, drafting, directing, or preparing any invitation for bids, a request for proposal, or request of information, or similar assistance (except as part of a public request for such information). 30 ILCS 500/50-10.5(e), amended by Public Act No. 97-0895 (August 3, 2012).  Yes  No

**3. Replacement Certification to IPG Certification #6 (supersedes response in IPG)**

If Vendor has been convicted of a felony, Vendor certifies at least five years have passed since the date of completion of the sentence for such felony, unless no person held responsible by a prosecutor's office for the facts upon which the conviction was based continues to have any involvement with the business. Vendor further certifies that it is not barred from being awarded a contract. 30 ILCS 500/50-10.  Yes  No

**4. Disclosure of Lobbyist or Agent (Complete only if bid, offer, or contract has an annual value over \$50,000)**

Is your company or parent entity(ies) represented by or do you or your parent entity(ies) employ a lobbyist required to register under the Lobbyist Registration Act (lobbyist must be registered pursuant to the Act with the Secretary of State) or an agent who has communicated, is communicating, or may communicate with any State/Public University officer or employee concerning the bid or offer? If yes, please identify each lobbyist and agent, including the name and address below.  Yes  No

If yes, please identify each lobbyist and agent, including the name and address below. If you have a lobbyist that does not meet the criteria, then you do not have to disclose the lobbyist's information. Additional rows may be inserted into the table or an attachment may be provided if needed.

**STATE OF ILLINOIS  
FORMS B CERTIFICATIONS AND DISCLOSURES**

Name	Address	Relationship to Disclosing Entity

Describe all costs/fees/compensation/reimbursements related to the assistance provided by each representative lobbyist or other agent to obtain this Agency/University contract:

**5. Disclosure of Current and Pending Contracts**

Complete only if: (a) your business is for-profit and (b) the bid, offer, or contract has an annual value over \$50,000. Do not complete if you are a not-for-profit entity.

Yes  No. Do you have any contracts, pending contracts, bids, proposals, subcontracts, leases or other ongoing procurement relationships with units of State of Illinois government?

If "Yes", please specify below. Additional rows may be inserted into the table or an attachment in the same format may be provided if needed.

Agency/University	Project Title	Status	Value	Contract Reference/P.O./Illinois Procurement Bulletin #
Tollway	PSB 14-3 Lochner/HDR/Quigg JV	JV Partner, Ongoing	\$1,500,000	RR-14-4221
Tollway	PSB 12-5 Materials Engineering	Sub consultant, Ongoing	\$180,000	MO 12-1237
Tollway	PSB 13-1 CUR Audits REH	Ongoing	\$600,000	I-13-4111
Tollway	PSB 17-3 HDR Tri-State, 95 <sup>th</sup> to LaGrange	Sub consultant, Pending	TBD	I-17-4296
Tollway	PSB 17-3 Tri-State, EW Connector to Roosevelt	Prime, Pending	TBD	I-17-4299
Tollway	PSB 17-3 Tri-State Bridge Repairs	Sub consultant, Pending	TBD	I-17-4305
Tollway	PSB 17-3 Materials Engineering	Sub consultant, Pending	TBD	MO-17-1238
IDOT	Phase II, IL 97, IDOT District 6	Prime, Ongoing	\$430,000	PTB 156-035
IDOT	Phase I, I-290 Bridges IDOT District 1	Prime, Ongoing	\$140,000	PTB 169-001
IDOT	Phase I/II IDOT District 8 PM	Prime, Ongoing	\$170,000	PTB 171-016

**STATE OF ILLINOIS  
FORMS B CERTIFICATIONS AND DISCLOSURES**

IDOT	Phase III, HSR District 6	Prime, Ongoing	\$521,000	PTB 173-025
IDOT	BMPR Technicians	Prime, Ongoing	\$372,000	PTB 176-028
IDOT	Phase III, Various, IDOT District 6	Prime, Ongoing	\$300,000	PTB 178-014
IDOT	Various work as Sub-Consultant - IDOT	Sub consultant, Ongoing	\$2,277,000	Various
Various	Private Clientele	Prime, Ongoing	50,000	Various

**6. Signature**

As of the date signed below, I certify that:

- My business' information and the certifications made in the Illinois Procurement Gateway are truthful and accurate.
- The certifications and disclosures made in this Forms B are truthful and accurate.

This Forms B is signed by an authorized officer or employee on behalf of the bidder, offeror, or vendor pursuant to Sections 50-13 and 50-35 of the Illinois Procurement Code, and the affirmation of the accuracy of the financial disclosures is made under penalty of perjury.

This disclosure information is submitted on behalf of:

Vendor Name: Quigg Engineering Inc.

Phone: 217-473-6110

Street Address: 2351 South Dirksen Parkway

Email: lquigg@quiggengineering.com

City, State, Zip: Springfield, IL 62703

Vendor Contact: Lori Quigg

Signature: \_\_\_\_\_

Date: 9/5/2017

Printed Name: Lori Quigg

Title: President

**Vendor Registration: View**

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**Quigg Engineering Inc.**

**System Vendor Number: 20081288**

**Vendor Registration**

TYPE	State of Illinois Vendor Registration
DESCRIPTION	Register to do business with the State of Illinois
DATE SUBMITTED	4/28/2017
STATUS	Accepted
REVIEWER	<a href="#">Stephanie Hill</a>
DATE REVIEWED	5/4/2017
PUBLIC REVIEW COMMENTS	
PRIVATE REVIEW COMMENTS	
EXPIRATION DATE	5/4/2018
FLAG FORM	<a href="#">Add Flag</a>

**Settings**

SMALL BUSINESS SET-ASIDE PROGRAM (SBSP) REGISTERED	No
REGISTERING AS A	Prime & Subcontractor

**Entity Information**

BUSINESS NAME	Quigg Engineering Inc.
CONTACT FOR THIS SUBMISSION	<a href="#">Rebecca Stocker (change contact)</a>
PRIMARY CONTACT EMAIL	<a href="mailto:rstocker@quiggengineering.com">rstocker@quiggengineering.com</a>
PHONE	314-339-8431
FAX	314-665-2509
COMPANY EMAIL	<a href="mailto:lquigg@quiggengineering.com">lquigg@quiggengineering.com</a>
TAX ID NUMBER	<span style="background-color: black; color: black;">XXXXXXXXXX</span>
COMPANY TYPE	Corporation
ADDRESS	2351 S. Dirksen Parkway <b>Springfield, IL 62703</b> <a href="#">(edit address)</a>

Vendor Registration: View Form

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Quigg Engineering Inc.

System Vendor Number: 20061286

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**Vendor Registration**

FORM NAME **I. Financial Disclosure & Conflicts of Interest**

DESCRIPTION **Complete the Financial Disclosure & Conflicts of Interest form**

DATE SUBMITTED 4/28/2017

STATUS Accepted

BUSINESS NAME Quigg Engineering Inc.

POINT OF CONTACT Rebecca Stocker

FLAG FORM Add Flag

**I. Financial Disclosures & Conflicts of Interest**

A. IDENTIFY THE APPLICABLE ENTITY TYPE.

Other Privately Held Entity (i.e. LLC, partnership, privately held corporation with 100 or fewer shareholders, or other entity type not clearly identified in another option)

B. IS THERE A PARENT ENTITY THAT OWNS 100% OF THE BUSINESS?

No

C. INSTRUMENT OF OWNERSHIP OR BENEFICIAL INTEREST

Corporate Stock (C-Corporation, S-Corporation, Professional Corporation, Service Corporation)

1. IS THERE ANY INDIVIDUAL OR ENTITY WHO MEETS ANY OF THE FOLLOWING THRESHOLDS: (A) OWNS MORE THAN 5% OF THE BUSINESS, (B) HOLDS OWNERSHIP SHARE OF THE BUSINESS VALUED IN EXCESS OF \$106,447.20, (C) IS ENTITLED TO MORE THAN 5% OF THE BUSINESS' DISTRIBUTIVE INCOME, OR (D) IS ENTITLED TO MORE THAN \$106,447.20 OF THE BUSINESS' DISTRIBUTIVE INCOME?

Yes, the information is not publicly available (if any Individuals are listed, answer Yes or No to questions 5-8 and 11-20.)

Document	Status
List of individuals or entities meeting one or more of the listed thresholds. <u>IPG Percentage of Ownership and Distributive Income Form 04242017</u> (PDF, 84.85 KB)	Attached by Rebecca Stocker on 4/24/2017

2. PLEASE CERTIFY THAT THE FOLLOWING STATEMENT IS TRUE: ALL INDIVIDUALS OR ENTITIES THAT HOLD AN OWNERSHIP INTEREST IN THE BUSINESS OF GREATER THAN 5% OR VALUED GREATER THAN \$106,447.20 HAVE BEEN DISCLOSED IN QUESTION 1.

Yes

3. PLEASE CERTIFY THAT THE FOLLOWING STATEMENT IS TRUE: ALL INDIVIDUALS OR ENTITIES THAT WERE ENTITLED TO RECEIVE DISTRIBUTIVE INCOME IN AN AMOUNT GREATER THAN \$106,447.20 OR GREATER THAN 5% OF THE TOTAL DISTRIBUTIVE INCOME.

EXHIBIT "1"

OF THE BUSINESS HAVE BEEN DISCLOSED IN QUESTION 1.

Yes

4. DISCLOSURE OF BOARD OF DIRECTORS FOR NOT-FOR-PROFIT ENTITIES.

**Not applicable - For-Profit Entity**

5. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, ARE ANY OF THEM A PERSON WHO HOLDS AN ELECTIVE OFFICE IN THE STATE OF ILLINOIS OR HOLDS A SEAT IN THE GENERAL ASSEMBLY, OR ARE THEY THE SPOUSE OR MINOR CHILD OF SUCH PERSON?

No

6. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, ARE ANY OF THEM APPOINTED TO OR EMPLOYED IN ANY OFFICES OR AGENCIES OF STATE GOVERNMENT AND RECEIVE COMPENSATION FOR SUCH EMPLOYMENT IN EXCESS OF 60% (\$106,447.20) OF THE SALARY OF THE GOVERNOR, OR ARE ANY OF THEM THE SPOUSE OR MINOR CHILD OF SUCH PERSON?

No

7. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, ARE ANY OF THEM AN OFFICER OR EMPLOYEE OF THE CAPITAL DEVELOPMENT BOARD OR THE ILLINOIS TOLL HIGHWAY AUTHORITY, OR ARE ANY OF THEM THE SPOUSE OR MINOR CHILD OF SUCH PERSON?

No

8. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, ARE ANY OF THEM APPOINTED AS A MEMBER OF A BOARD, COMMISSION, AUTHORITY, OR TASK FORCE AUTHORIZED OR CREATED BY STATE LAW OR BY EXECUTIVE ORDER OF THE GOVERNOR, OR ARE THEY THE SPOUSE OR AN IMMEDIATE FAMILY MEMBER WHO CURRENTLY RESIDES OR RESIDED WITH SUCH PERSON WITHIN THE LAST 12 MONTHS?

No

9. IF ANY QUESTION IN 5-8 ABOVE IS ANSWERED YES, PLEASE ANSWER THE FOLLOWING: DO ANY OF THE INDIVIDUALS IDENTIFIED, THEIR SPOUSE, OR MINOR CHILD RECEIVE FROM THE ENTITY MORE THAN 7.5% OF THE ENTITY'S TOTAL DISTRIBUTABLE INCOME OR AN AMOUNT OF DISTRIBUTABLE INCOME IN EXCESS OF THE SALARY OF THE GOVERNOR (\$177,412.00)?

Not applicable - I answered No In Questions 5-8

10. IF ANY QUESTION IN 5-8 ABOVE IS ANSWERED YES, PLEASE ANSWER THE FOLLOWING: IS THERE A COMBINED INTEREST OF ANY INDIVIDUAL IDENTIFIED ALONG WITH THEIR SPOUSE OR MINOR CHILD OF MORE THAN 15% IN THE AGGREGATE OF THE ENTITY'S DISTRIBUTABLE INCOME OR AN AMOUNT OF DISTRIBUTABLE INCOME IN EXCESS OF TWO TIMES THE SALARY OF THE GOVERNOR (\$354,824.00)?

Not applicable - I answered No In Questions 5-8

11. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE, OR IN THE PREVIOUS 3 YEARS HAD STATE EMPLOYMENT, INCLUDING CONTRACTUAL EMPLOYMENT OF SERVICES? THIS DOES NOT INCLUDE CONTRACTS TO PROVIDE GOODS OR SERVICES TO THE STATE AS A VENDOR.

No

12. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, HAVE THEIR SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER, HAD STATE EMPLOYMENT, INCLUDING CONTRACTUAL EMPLOYMENT FOR SERVICES, IN THE PREVIOUS 2 YEARS? THIS DOES NOT INCLUDE CONTRACTS TO PROVIDE GOODS OR SERVICES TO THE STATE AS A VENDOR.

No

13. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HOLD OR HAVE HELD IN THE PREVIOUS 3 YEARS ELECTIVE OFFICE OF THE STATE OF ILLINOIS, THE GOVERNMENT OF THE UNITED STATES, OR ANY UNIT OF LOCAL GOVERNMENT AUTHORIZED BY THE CONSTITUTION OF THE STATE OF ILLINOIS OR THE STATUTES OF THE STATE OF ILLINOIS?

No

14. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM HAVE A RELATIONSHIP TO ANYONE (SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER) HOLDING ELECTIVE OFFICE CURRENTLY OR IN

EXHIBIT "1"

THE PREVIOUS 2 YEARS?

No

16. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM HOLD OR HAVE HELD IN THE PREVIOUS 3 YEARS ANY APPOINTIVE GOVERNMENT OFFICE OF THE STATE OF ILLINOIS, THE UNITED STATES OF AMERICA, OR ANY UNIT OF LOCAL GOVERNMENT AUTHORIZED BY THE CONSTITUTION OF THE STATE OF ILLINOIS OR THE STATUTES OF THE STATE OF ILLINOIS, WHICH OFFICE ENTITLES THE HOLDER TO COMPENSATION IN EXCESS OF EXPENSES INCURRED IN THE DISCHARGE OF THAT?

No

16. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM HAVE A RELATIONSHIP TO ANYONE (SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER) HOLDING APPOINTIVE OFFICE CURRENTLY OR IN THE PREVIOUS 2 YEARS?

No

17. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE OR IN THE PREVIOUS 3 YEARS HAD EMPLOYMENT AS OR BY ANY REGISTERED LOBBYIST OF THE STATE GOVERNMENT?

No

18. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE OR IN THE PREVIOUS 2 YEARS HAD A RELATIONSHIP TO ANYONE (SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER) THAT IS OR WAS A REGISTERED LOBBYIST?

No

19. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE OR IN THE PREVIOUS 3 YEARS HAD COMPENSATED EMPLOYMENT BY ANY REGISTERED ELECTION OR RE-ELECTION COMMITTEE REGISTERED WITH THE SECRETARY OF STATE OR ANY COUNTY CLERK IN THE STATE OF ILLINOIS, OR ANY POLITICAL ACTION COMMITTEE REGISTERED WITH EITHER THE SECRETARY OF STATE OR THE FEDERAL BOARD OF ELECTIONS?

No

20. FOR THE INDIVIDUALS DISCLOSED ABOVE IN QUESTION 1 AND FOR SOLE PROPRIETORS, DO ANY OF THEM CURRENTLY HAVE OR IN THE PREVIOUS 2 YEARS HAD A RELATIONSHIP TO ANYONE (SPOUSE, FATHER, MOTHER, SON, OR DAUGHTER) WHO IS OR WAS A COMPENSATED EMPLOYEE OF ANY REGISTERED ELECTION OR REELECTION COMMITTEE REGISTERED WITH THE SECRETARY OF STATE OR ANY COUNTY CLERK IN THE STATE OF ILLINOIS, OR ANY POLITICAL ACTION COMMITTEE REGISTERED WITH EITHER THE SECRETARY OF STATE OR THE FEDERAL BOARD OF ELECTIONS?

No

21. HAS THERE BEEN ANY DEBARMENT FROM CONTRACTING WITH ANY GOVERNMENTAL ENTITY WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

22. HAS THERE BEEN ANY PROFESSIONAL LICENSURE DISCIPLINE WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

23. HAS THERE BEEN ANY BANKRUPTCY WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

24. HAVE THERE BEEN ANY ADVERSE CIVIL JUDGMENTS AND/OR ADMINISTRATIVE FINDINGS WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

25. HAVE THERE BEEN ANY CRIMINAL FELONY CONVICTIONS WITHIN THE PREVIOUS TEN YEARS? THIS APPLIES TO ALL SOLE PROPRIETORS, FOR-PROFIT ENTITIES, NOT-FOR-PROFIT ENTITIES, AND FOR THE INDIVIDUALS DISCLOSED IN QUESTION 1 ABOVE.

No

EXHIBIT "1"

**ILLINOIS PROCUREMENT GATEWAY  
PERCENTAGE OF OWNERSHIP AND DISTRIBUTIVE INCOME FORM**

Vendor Name: Quigg Engineering Inc.

DBA: Quigg Engineering Inc.

**INSTRUCTIONS:**

1. Ownership Share – Provide the name and address of each individual or entity and their percentage of ownership if said percentage exceeds 5%, or the dollar value of their ownership if said dollar value exceeds \$106,447.20.
2. Distributive Income – Provide the name and address of each individual or entity and their percentage of the disclosing vendor's total distributive income if said percentage exceeds 5% of the total distributive income of the disclosing entity, or the dollar value of their distributive income if said dollar value exceeds \$106,447.20.
3. Additional rows may be inserted into the tables or an attachment in a substantially similar format may be provided if needed.

Name	Address	% of Ownership	\$ Value of Ownership	% of Distributive Income	\$ Value of Distributive Income
Lori L. Quigg	[REDACTED]	86.97	Click here to enter text.	Click here to enter text.	Click here to enter text.
Rebecca L. Stocker	[REDACTED]	10.1	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.



Thanks,  
Mike Vail



Michael C. Vail P.E.

*Operations Manager*

**Quigg Engineering Inc.**

p: 217-670-0563 m: 217-725-1641

a: 2351 S. Dirksen Parkway, Springfield, IL 62703

w: [www.quiggengineering.com](http://www.quiggengineering.com) e: [mvail@quiggengineering.com](mailto:mvail@quiggengineering.com)

---

**From:** Gomez, Graciela [<mailto:ggomez@getipass.com>]

**Sent:** Tuesday, September 12, 2017 3:12 PM

**To:** Mike Vail <[MVail@QuiggEngineering.com](mailto:MVail@QuiggEngineering.com)>

**Cc:** Wicks, Michael <[mwicks@getipass.com](mailto:mwicks@getipass.com)>

**Subject:** Contract I-17-4299 Insurance

Mike,

Following are comments from Risk Management, on the insurance documentation submitted on behalf of Quigg Engineering, Inc. for PSB I-17-4299:

- The COI is dated 8/11/2017, and is not considered to be current for submittal purposes as it was issued more than 30 days ago.
- The COI does not indicate that the Illinois State Toll Highway Authority shall be named an "additional insured" for the automobile liability coverage.
- Copies of applicable additional insured endorsements for commercial general liability and automobile liability were not included.

Please submit revised and additional insurance documentation to address the above comments.

Thank you,  
Grace Gomez  
Ext. 3836

**E-MAIL CONFIDENTIALITY NOTICE:** This electronic mail message, including any attachments, is for the intended recipient(s) only. This e-mail and any attachments might contain information that is confidential, legally privileged or otherwise protected or exempt from disclosure under applicable law. If you are not a named recipient, or if you are named but believe that you received this e-mail in error, please notify the sender immediately by telephone or return e-mail and promptly delete this e-mail and any attachments and copies thereof from your system. If you are not the intended recipient, please be aware that any copying, distribution, dissemination, disclosure or other use of this e-mail and any attachments is unauthorized and prohibited. Your receipt of this message is not intended to waive any applicable privilege or claim of confidentiality, and any prohibited or unauthorized disclosure is not binding on the Illinois State Toll Highway Authority. Thank you for your cooperation.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
9/13/2017

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 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> <b>TROXELL</b> 214 South Grand Ave West P.O. Box 3757 Springfield IL 62704		<b>CONTACT NAME:</b> Michelle Summers <b>PHONE (A/C No. Ext.):</b> (217) 528-7533 <b>E-MAIL ADDRESS:</b> msummers@troxellins.com <b>FAX (A/C No.):</b> (217) 528-1041	
<b>INSURED</b> <b>Quigg Engineering Inc</b> 2351 S Dirksen Parkway Springfield IL 62703		<b>INSURER(S) AFFORDING COVERAGE</b> <b>INSURER A:</b> The Travelers Indemnity Co <b>INSURER B:</b> Travelers P & C of America <b>INSURER C:</b> Travelers Casualty Ins Co of <b>INSURER D:</b> Travelers Cas & Sur of America <b>INSURER E:</b> <b>INSURER F:</b>	
		<b>NAIC #</b> 31194	

**COVERAGES**      **CERTIFICATE NUMBER:** CL1752319244      **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	ADD'L SU/BR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		6801809R050	6/7/2017	6/7/2018	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 50,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS		BA0C020765	6/7/2017	6/7/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Underinsured motorist \$ 1,000,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		CUP7G7011811647	6/7/2017	6/7/2018	EACH OCCURRENCE \$ 6,000,000 AGGREGATE \$ 6,000,000
C	<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 N/A	XSUB3490T85116	6/7/2017	6/7/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
D	<b>Professional Liability -</b> Claims Made		105526108	11/17/2016	11/17/2017	Each Occurrence \$4,000,000 Aggregate \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 PSB 17-3 Item 4 Contract I-17-4299, Tri-State, Roadway Reconstruction, East West Connector (M.P.29.1) to Roosevelt Road (M.P. 30.5)

Illinois State Toll Highway Authority and Illinois Department of Transportation are additional insureds in respects to the General Liability per written contract, on a primary & non/contributory basis, and additional insured in respects to auto liability, subject to the terms and conditions of the policy. Workers compensation policy includes waiver of subrogation.

<b>CERTIFICATE HOLDER</b> ggomez@getipass.com Illinois State Toll Highway Authority 2700 Ogden Ave Downers Grove, IL 60515	<b>CANCELLATION</b> 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 Michael Aiello/JSIMS
--	--

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

## AUTO COVERAGE PLUS ENDORSEMENT

This endorsement modifies insurance provided under the following:

### BUSINESS AUTO COVERAGE FORM

**GENERAL DESCRIPTION OF COVERAGE** – This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to the Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><b>A. BLANKET ADDITIONAL INSURED</b></li> <li><b>B. EMPLOYEE HIRED AUTO</b></li> <li><b>C. EMPLOYEES AS INSURED</b></li> <li><b>D. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS</b></li> <li><b>E. TRAILERS – INCREASED LOAD CAPACITY</b></li> <li><b>F. HIRED AUTO PHYSICAL DAMAGE</b></li> <li><b>G. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT</b></li> </ul> | <ul style="list-style-type: none"> <li><b>H. AUDIO, VISUAL AND DATA ELECTRONIC EQUIPMENT – INCREASED LIMIT</b></li> <li><b>I. WAIVER OF DEDUCTIBLE – GLASS</b></li> <li><b>J. PERSONAL PROPERTY</b></li> <li><b>K. AIRBAGS</b></li> <li><b>L. AUTO LOAN LEASE GAP</b></li> <li><b>M. BLANKET WAIVER OF SUBROGATION</b></li> </ul> |
|---|---|

**A. BLANKET ADDITIONAL INSURED**

The following is added to Paragraph A.1., **Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Section II.

**B. EMPLOYEE HIRED AUTO**

1. The following is added to Paragraph A.1., **Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

An "employee" of yours is an "insured" while operating a covered "auto" hired or rented under a contract or agreement in an "employee's" name, with your permission, while

performing duties related to the conduct of your business.

2. The following replaces Paragraph b. in B.5., **Other Insurance**, of **SECTION IV – BUSINESS AUTO CONDITIONS**:

b. For Hired Auto Physical Damage Coverage, the following are deemed to be covered "autos" you own:

- (1) Any covered "auto" you lease, hire, rent or borrow; and
- (2) Any covered "auto" hired or rented by your "employee" under a contract in an "employee's" name, with your permission, while performing duties related to the conduct of your business.

However, any "auto" that is leased, hired, rented or borrowed with a driver is not a covered "auto".

**C. EMPLOYEES AS INSURED**

The following is added to Paragraph A.1., **Who Is An Insured**, of **SECTION II – COVERED AUTOS LIABILITY COVERAGE**:

## COMMERCIAL AUTO

Any "employee" of yours is an "insured" while using a covered "auto" you don't own, hire or borrow in your business or your personal affairs.

### D. SUPPLEMENTARY PAYMENTS – INCREASED LIMITS

1. The following replaces Paragraph A.2.a.(2) of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

(2) Up to \$3,000 for cost of bail bonds (including bonds for related traffic law violations) required because of an "accident" we cover. We do not have to furnish these bonds.

2. The following replaces Paragraph A.2.a.(4) of SECTION II – COVERED AUTOS LIABILITY COVERAGE:

(4) All reasonable expenses incurred by the "insured" at our request, including actual loss of earnings up to \$500 a day because of time off from work.

### E. TRAILERS – INCREASED LOAD CAPACITY

The following replaces Paragraph C.1. of SECTION I – COVERED AUTOS:

1. "Trailers" with a load capacity of 3,000 pounds or less designed primarily for travel on public roads.

### F. HIRED AUTO PHYSICAL DAMAGE

The following is added to Paragraph A.4., Coverage Extensions, of SECTION III – PHYSICAL DAMAGE COVERAGE:

#### Hired Auto Physical Damage Coverage

If hired "autos" are covered "autos" for Covered Autos Liability Coverage but not covered "autos" for Physical Damage Coverage, and this policy also provides Physical Damage Coverage for an owned "auto", then the Physical Damage Coverage is extended to "autos" that you hire, rent or borrow subject to the following:

(1) The most we will pay for "loss" to any one "auto" that you hire, rent or borrow is the lesser of:

- (a) \$50,000;
- (b) The actual cash value of the damaged or stolen property as of the time of the "loss"; or
- (c) The cost of repairing or replacing the damaged or stolen property with other property of like kind and quality.

(2) An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss".

(3) If a repair or replacement results in better than like kind or quality, we will not pay for the amount of betterment.

(4) A deductible equal to the highest Physical Damage deductible applicable to any owned covered "auto".

(5) This Coverage Extension does not apply to:

(a) Any "auto" that is hired, rented or borrowed with a driver; or

(b) Any "auto" that is hired, rented or borrowed from your "employee".

### G. PHYSICAL DAMAGE – TRANSPORTATION EXPENSES – INCREASED LIMIT

The following replaces the first sentence in Paragraph A.4.a., Transportation Expenses, of SECTION III – PHYSICAL DAMAGE COVERAGE:

We will pay up to \$50 per day to a maximum of \$1,500 for temporary transportation expense incurred by you because of the total theft of a covered "auto" of the private passenger type.

### H. AUDIO, VISUAL AND DATA ELECTRONIC EQUIPMENT – INCREASED LIMIT

Paragraph C.1.b. of SECTION III – PHYSICAL DAMAGE COVERAGE is deleted.

### I. WAIVER OF DEDUCTIBLE – GLASS

The following is added to Paragraph D., Deductible, of SECTION III – PHYSICAL DAMAGE COVERAGE:

No deductible for a covered "auto" will apply to glass damage if the glass is repaired rather than replaced.

### J. PERSONAL PROPERTY

The following is added to Paragraph A.4., Coverage Extensions, of SECTION III – PHYSICAL DAMAGE COVERAGE:

#### Personal Property Coverage

We will pay up to \$400 for "loss" to wearing apparel and other personal property which is:

- (1) Owned by an "insured"; and
- (2) In or on your covered "auto".

This coverage only applies in the event of a total theft of your covered "auto".

No deductibles apply to Personal Property coverage.

**K. AIRBAGS**

The following is added to Paragraph B.3., Exclusions, of SECTION III – PHYSICAL DAMAGE COVERAGE:

Exclusion 3.a. does not apply to "loss" to one or more airbags in a covered "auto" you own that inflate due to a cause other than a cause of "loss" set forth in Paragraphs A.1.b. and A.1.c., but only:

- a. If that "auto" is a covered "auto" for Comprehensive Coverage under this policy;
- b. The airbags are not covered under any warranty; and
- c. The airbags were not intentionally inflated.

We will pay up to a maximum of \$1,000 for any one "loss".

**L. AUTO LOAN LEASE GAP**

The following is added to Paragraph A.4., Coverage Extensions, of SECTION III – PHYSICAL DAMAGE COVERAGE:

**Auto Loan Lease Gap Coverage for Private Passenger Type Vehicles**

In the event of a total "loss" to a covered "auto" of the private passenger type shown in the Schedule or Declarations for which Physical Damage Coverage is provided, we will pay any unpaid amount due on the lease or loan for such covered "auto" less the following:

- (1) The amount paid under the Physical Damage Coverage Section of the policy for that "auto"; and

**(2) Any:**

- (a) Overdue lease or loan payments at the time of the "loss";
- (b) Financial penalties imposed under a lease for excessive use, abnormal wear and tear or high mileage;
- (c) Security deposits not returned by the lessor;
- (d) Costs for extended warranties, Credit Life Insurance, Health, Accident or Disability Insurance purchased with the loan or lease; and
- (e) Carry-over balances from previous loans or leases.

**M. BLANKET WAIVER OF SUBROGATION**

The following replaces Paragraph A.5., Transfer Of Rights Of Recovery Against Others To Us, of SECTION IV – BUSINESS AUTO CONDITIONS:

**5. Transfer Of Rights Of Recovery Against Others To Us**

We waive any right of recovery we may have against any person or organization to the extent required of you by a written contract executed prior to any "accident" or "loss", provided that the "accident" or "loss" arises out of the operations contemplated by such contract. The waiver applies only to the person or organization designated in such contract.

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

## **ARCHITECTS, ENGINEERS AND SURVEYORS COVERAGE XTEND ENDORSEMENT**

This endorsement modifies insurance provided under the following:

### COMMERCIAL GENERAL LIABILITY COVERAGE PART

**GENERAL DESCRIPTION OF COVERAGE** This endorsement broadens coverage. However, coverage for any injury, damage or medical expenses described in any of the provisions of this endorsement may be excluded or limited by another endorsement to this Coverage Part, and these coverage broadening provisions do not apply to the extent that coverage is excluded or limited by such an endorsement. The following listing is a general coverage description only. Limitations and exclusions may apply to these coverages. Read all the provisions of this endorsement and the rest of your policy carefully to determine rights, duties, and what is and is not covered.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>A. Broadened Named Insured</li> <li>B. Incidental Medical Malpractice</li> <li>C. Reasonable Force – Bodily Injury Or Property Damage</li> <li>D. Non-Owned Watercraft – Increased To Up To 75 feet</li> <li>E. Aircraft Chartered With Crew</li> <li>F. Damage To Premises Rented To You</li> <li>G. Malicious Prosecution – Exception To Knowing Violation Of Rights Of Another Exclusion</li> <li>H. Medical Payments – Increased Limit</li> <li>I. Increased Supplementary Payments</li> <li>J. Additional Insured – Owner, Manager Or Lessor Of Premises</li> </ul> | <ul style="list-style-type: none"> <li>K. Additional Insured – Lessor Of Leased Equipment</li> <li>L. Additional Insured – State Or Political Subdivisions – Permits Relating To Premises</li> <li>M. Additional Insured – State Or Political Subdivisions – Permits Relating To Operations</li> <li>N. Who Is An Insured – Newly Acquired Or Formed Organizations</li> <li>O. Knowledge And Notice Of Occurrence Or Offense</li> <li>P. Unintentional Omission</li> <li>Q. Waiver Of Transfer Of Rights Of Recovery Against Others To Us When Required By Written Contract</li> <li>R. Amended Insured Contract Definition – Railroad Easement</li> </ul> |
|---|--|

**PROVISIONS:**

**A. BROADENED NAMED INSURED**

1. The following is added to **SECTION II – WHO IS AN INSURED:**

Any organization, other than a partnership or joint venture, over which you maintain ownership or majority interest on the effective date of the policy qualifies as a Named Insured. However, coverage for any such additional organization will cease as of the date during the policy period that you no longer maintain ownership of, or majority interest in, such organization.

**B. INCIDENTAL MEDICAL MALPRACTICE**

1. The following is added to the definition of "occurrence" in the **DEFINITIONS** Section:

Unless you are in the business or occupation of providing professional health care services, "occurrence" also means an act or omission committed in providing or failing to provide first aid or "Good Samaritan services" to a person.

2. The following is added to the **DEFINITIONS** Section:

"Good Samaritan services" means any emergency medical services for which no compensation is demanded or received.

3. The following is added to Paragraph 2.a.(1) of **SECTION II – WHO IS AN INSURED:**

Unless you are in the business or occupation of providing professional health care services, Paragraphs (1)(a), (b), (c) and (d) above

## COMMERCIAL GENERAL LIABILITY

does not apply to any "bodily injury" arising out of any providing or failing to provide first aid or "Good Samaritan services" by any of your "employees", other than an employed doctor. Any such "employees" providing or failing to provide first aid or "Good Samaritan services" during their work hours for you will be deemed to be acting within the scope of their employment by you or performing duties related to the conduct of your business.

4. The following exclusion is added to Paragraph 2., Exclusions, of SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY in COVERAGES:

### **Sale of Pharmaceuticals**

"Bodily injury" or "property damage" arising out of the willful violation of a penal statute or ordinance relating to the sale of pharmaceuticals committed by, or with the knowledge or consent of, the insured.

5. The following is added to Paragraph 5. of SECTION III – LIMITS OF INSURANCE:

For the purposes of determining the applicable Each Occurrence Limit, all related acts or omissions committed in the providing or failing to provide first aid or "Good Samaritan services" to any one person will be considered one "occurrence".

6. The following is added to Paragraph 4.b., Excess Insurance, of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

This insurance is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to any of your "employees" for "bodily injury" that arises out of providing or failing to provide first aid or "Good Samaritan services" to any person to the extent not subject to Paragraph 2.a.(1) of Section II – Who Is An Insured.

## **C. REASONABLE FORCE – BODILY INJURY OR PROPERTY DAMAGE**

The following replaces Exclusion a., Expected Or Intended Injury, in Paragraph 2. of SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY:

### **a. Expected Or Intended injury Or Damage**

"Bodily injury" or "property damage" expected or intended from the standpoint of the

insured. This exclusion does not apply to "bodily injury" or "property damage" resulting from the use of reasonable force to protect any person or property.

## **D. NON-OWNED WATERCRAFT – INCREASED TO UP TO 75 FEET**

1. The following replaces Paragraph (2) of Exclusion g., Aircraft, Auto Or Watercraft, in Paragraph 2. of SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY:

(2) A watercraft you do not own that is:

(a) Less than 75 feet long; and

(b) Not being used to carry any person or property for a charge;

2. The following is added to Paragraph 2. of SECTION II – WHO IS AN INSURED:

Any person or organization that, with your express or implied consent, either uses or is responsible for the use of a watercraft that you do not own that is:

(a) Less than 75 feet long; and

(b) Not being used to carry any person or property for a charge;

3. The following is added to Paragraph 4.b., Excess Insurance, of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

This insurance is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to the insured for "bodily injury" that arises out of the use of a watercraft that you do not own that is:

(a) Less than 75 feet long; and

(b) Not being used to carry any person or property for a charge.

## **E. AIRCRAFT CHARTERED WITH CREW**

1. The following is added to Exclusion g., Aircraft, Auto Or Watercraft, in Paragraph 2. of SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY in COVERAGES:

This exclusion does not apply to an aircraft that is:

(a) Chartered with crew to any insured;

- (b) Not owned by any insured; and
- (c) Not being used to carry any person or property for a charge.

2. The following is added to Paragraph 4.b., **Excess Insurance**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

This insurance is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to the insured for use of an aircraft that is:

- (a) Chartered with crew to any insured;
- (b) Not owned by any insured; and
- (c) Not being used to carry any person or property for a charge.

**F. DAMAGE TO PREMISES RENTED TO YOU**

1. The following replaces the last paragraph of Paragraph 2., **Exclusions**, of **SECTION I – COVERAGES – COVERAGE A BODILY INJURY AND PROPERTY DAMAGE LIABILITY** in **COVERAGES**:

Exclusions c. through n. do not apply to damage to premises while rented to you, or temporarily occupied by you with permission of the owner, caused by:

- a. Fire;
- b. Explosion;
- c. Lightning;
- d. Smoke resulting from such fire, explosion, or lightning; or
- e. Water.

A separate limit of insurance applies to such damage to premises as described in Paragraph 6. of Section III – Limits Of Insurance. This insurance does not apply to damage to premises while rented to you, or temporarily occupied by you with permission of the owner, caused by:

- a. Rupture, bursting, or operation of pressure relief devices;
- b. Rupture or bursting due to expansion or swelling of the contents of any building or structure, caused by or resulting from water; or
- c. Explosion of steam boilers, steam pipes, steam engines, or steam turbines.

2. The following replaces Paragraph 6. of **SECTION III – LIMITS OF INSURANCE**:

Subject to 5. above, the Damage To Premises Rented To You Limit is the most we will pay under Coverage A for damages because of "property damage" to any one premises while rented to you, or temporarily occupied by you with permission of the owner, caused by fire; explosion; lightning; smoke resulting from such fire, explosion, or lightning; or water. The Damage To Premises Rented To You Limit will apply to all damage proximately caused by the same "occurrence", whether such damage results from: fire; explosion; lightning; smoke resulting from such fire, explosion, or lightning; or water; or any combination of any of these.

The Damage To Premises Rented To You Limit will be the higher of:

- a. \$1,000,000; or
- b. The amount shown on the Declarations of this Coverage Part for Damage To Premises Rented To You Limit.

3. The following replaces Paragraph a. of the definition of "insured contract" in the **DEFINITIONS** Section:

a. A contract for a lease of premises. However, that portion of the contract for a lease of premises that indemnifies any person or organization for damage to premises while rented to you, or temporarily occupied by you with permission of the owner, caused by:

- (1) Fire;
- (2) Explosion;
- (3) Lightning;
- (4) Smoke resulting from such fire, explosion, or lightning; or
- (5) Water,

is not an "insured contract";

4. The following replaces Paragraph 4.b.(1)(b) of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

(b) That is insurance for premises rented to you, or temporarily occupied by you with the permission of the owner;



**G. MALICIOUS PROSECUTION – EXCEPTION TO KNOWING VIOLATION OF RIGHTS OF ANOTHER EXCLUSION**

The following is added to Exclusion a., **Knowing Violation Of Rights Of Another**, in Paragraph 2. of **SECTION I – COVERAGES – COVERAGE B PERSONAL AND ADVERTISING INJURY LIABILITY**:

This exclusion does not apply to "personal injury" caused by malicious prosecution.

**H. MEDICAL PAYMENTS – INCREASED LIMIT**

The following replaces Paragraph 7. of **SECTION III – LIMITS OF INSURANCE**:

7. Subject to 5. above, the Medical Expense Limit is the most we will pay under Coverage C. for all medical expenses because of "bodily injury" sustained by any one person, and will be the higher of:

- (a) \$10,000; or
- (b) The amount shown on the Declarations of this Coverage Part for Medical Expense Limit.

**I. INCREASED SUPPLEMENTARY PAYMENTS**

1. The following replaces Paragraph 1.b. of **SUPPLEMENTARY PAYMENTS – COVERAGES A AND B of SECTION I – COVERAGES**:

b. Up to \$2,500 for cost of bail bonds required because of accidents or traffic law violations arising out of the use of any vehicle to which the Bodily Injury Liability Coverage applies. We do not have to furnish these bonds.

2. The following replaces Paragraph 1.d. of **SUPPLEMENTARY PAYMENTS – COVERAGES A AND B of SECTION I – COVERAGES**:

d. All reasonable expenses incurred by the insured at our request to assist us in the investigation or defense of the claim or "suit", including actual loss of earnings up to \$500 a day because of time off from work.

**J. ADDITIONAL INSURED – OWNER, MANAGER OR LESSOR OF PREMISES**

The following is added to **SECTION II – WHO IS AN INSURED**:

Any person or organization that is a premises owner, manager or lessor and that you have agreed in a written contract to name as an additional insured on this Coverage Part is an

insured, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" that:

- a. Is "bodily injury" or "property damage" caused by an "occurrence" that takes place, or "personal injury" caused by an offense that is committed, after you have signed that contract; and
- b. Arises out of the ownership, maintenance or use of that part of any premises leased to you under that written contract.

The insurance provided to such premises owner, manager or lessor is subject to the following provisions:

- a. The limits of insurance provided to such premises owner, manager or lessor will be the limits which you agreed to provide in the written contract, or the limits shown on the Declarations of this Coverage Part, whichever are less.
- b. The insurance provided to such premises owner, manager or lessor does not apply to:
  - (1) "Bodily injury" or "property damage" caused by an "occurrence" that takes place, or "personal injury" caused by an offense that is committed, after you cease to be a tenant in that premises; or
  - (2) Structural alterations, new construction or demolition operations performed by or on behalf of such premises owner, manager or lessor.
- c. The insurance provided to such premises owner, manager or lessor is excess over any valid and collectible other insurance available to such premises owner, manager or lessor, unless you have agreed in a written contract for this insurance to apply on a primary or contributory basis.

**K. ADDITIONAL INSURED – LESSOR OF LEASED EQUIPMENT**

The following is added to **SECTION II – WHO IS AN INSURED**:

Any person or organization that is an equipment lessor and that you have agreed in a written contract to name as an additional insured on this Coverage Part is an insured, but only with respect to liability for "bodily injury", "property damage", "personal injury" or "advertising injury" that:

- a. Is "bodily injury" or "property damage" caused by an "occurrence" that takes place, or "personal injury" caused by an offense that is

committed, after you have signed that written contract; and

- b. Is caused, in whole or in part, by acts or omissions of you or any person or organization performing operations on your behalf, in the maintenance, operation or use of equipment leased to you by such equipment lessor.

The insurance provided to such equipment lessor is subject to the following provisions:

- a. The limits of insurance provided to such equipment lessor will be the limits which you agreed to provide in the written contract, or the limits shown on the Declarations of this Coverage Part, whichever are less; and
- b. The insurance provided to such equipment lessor does not apply:
  - (1) To any "bodily injury" or "property damage" caused by an "occurrence" that takes place, or "personal injury" caused by an offense that is committed, after the equipment lease expires; or
  - (2) If the equipment is leased with an operator.
- c. The insurance provided to such equipment lessor is excess over any valid and collectible other insurance available to such equipment lessor, unless you have agreed in a written contract for this insurance to apply on a primary or contributory basis.

**L. ADDITIONAL INSURED – STATE OR POLITICAL SUBDIVISIONS – PERMITS RELATING TO PREMISES**

The following is added to Paragraph 2. of SECTION II – WHO IS AN INSURED:

Any state or political subdivision that has issued a permit in connection with premises owned or occupied by, or rented or loaned to, you, is an insured, but only with respect to "bodily injury", "property damage", "personal injury" or "advertising injury" arising out of the existence, ownership, use, maintenance, repair, construction, erection or removal of advertising signs, awnings, canopies, cellar entrances, coal holes, driveways, manholes, marquees, hoist away openings, sidewalk vaults, elevators, street banners or decorations for which that state or political subdivision has issued such permit.

**M. ADDITIONAL INSURED – STATE OR POLITICAL SUBDIVISIONS – PERMITS RELATING TO OPERATIONS**

The following is added to Paragraph 2. of SECTION II – WHO IS AN INSURED:

Any state or political subdivision that has issued a permit with respect to operations performed by you or on your behalf is an insured, but only with respect to "bodily injury", "property damage", "personal injury" or "advertising injury" arising out of operations performed by you or on your behalf for which that state or political subdivision has issued such permit. However, no such state or political subdivision is an insured for:

- (1) "Bodily injury", "property damage", "personal injury" or "advertising injury" arising out of operations performed for that state or political subdivision; or
- (2) "Bodily injury" or "property damage" included within the "products – completed operations hazard".

**N. WHO IS AN INSURED – NEWLY ACQUIRED OR FORMED ORGANIZATIONS**

The following replaces Paragraph 4.a. of SECTION II – WHO IS AN INSURED:

- a. Coverage under this provision is afforded only:
  - (1) Until the 180th day after you acquire or form the organization or the end of the policy period, whichever is earlier, if you do not report such organization in writing to us within 180 days after you acquire or form it; or
  - (2) Until the end of the policy period, when that date is later than 180 days after you acquire or form such organizations, if you report such organization in writing to us within 180 days after you acquire or form it.

**O. KNOWLEDGE AND NOTICE OF OCCURRENCE OR OFFENSE**

The following is added to Paragraph 2., **Duties In The Event of Occurrence, Offense, Claim Or Suit**, of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:

- e. The following provisions apply to Paragraph a. above, but only for the purposes of the insurance provided under this Coverage Part to you or any insured listed in Paragraph 1. or 2. of Section II – Who Is An Insured:

COMMERCIAL GENERAL LIABILITY

(1) Notice to us of such "occurrence" or of an offense must be given as soon as practicable only after the "occurrence" or offense is known to you (if you are an individual), any of your partners or members who is an individual (if you are a partnership or joint venture), any of your managers who is an individual (if you are a limited liability company), any of your trustees who is an individual (if you are a trust), any of your "executive officers" or directors (if you are an organization other than a partnership, joint venture, limited liability company or trust), or any "employee" (such as an insurance, loss control or risk manager or administrator) authorized by you to give notice of an "occurrence" or offense.

Knowledge by any other "employee" of an "occurrence" or offense does not imply that you also have such knowledge.

(2) If you are a partnership, joint venture, limited liability company or trust, and none of your partners, joint venture members, managers or trustees are individuals, notice to us of such "occurrence" or offense must be given as soon as practicable only after the "occurrence" or offense is known by:

- (a) Any individual who is:
  - (i) A partner or member of any partnership or joint venture;
  - (ii) A manager of any limited liability company;
  - (iii) A trustee of any trust; or
  - (iv) An executive officer or director of any other organization;
 that is your partner, joint venture member, manager or trustee; or
- (b) Any "employee" authorized by such partnership, joint venture, limited liability company, trust or other organization to give notice of an "occurrence" or offense.

(3) Notice to us of such "occurrence" or offense will be deemed to be given as soon as practicable if it is given in good faith as soon as practicable to your workers' compensation, accident, or

health insurer. This applies only if you subsequently give notice to us of the "occurrence" or offense as soon as practicable after any of the persons described in Paragraphs e. (1) or (2) above discovers that the "occurrence" or offense may result in sums to which the insurance provided under the Coverage Part may apply.

**P. UNINTENTIONAL OMISSION**

The following is added to Paragraph 6., **Representations**, of **SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS**:

The unintentional omission of, or unintentional error in, any information provided by you which we relied upon in issuing this policy will not prejudice your rights under this insurance. However, this provision does not affect our right to collect additional premium or to exercise our rights of cancellation or nonrenewal in accordance with applicable insurance laws or regulations.

**Q. WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US WHEN REQUIRED BY WRITTEN CONTRACT**

The following is added to Paragraph 8., **Transfer of Rights of Recovery Against Others to Us**, of **SECTION IV - COMMERCIAL GENERAL LIABILITY CONDITIONS**:

We waive any right of recovery we may have against any person or organization because of payments we make for injury or damage arising out of premises owned or occupied by or rented or loaned to you; ongoing operations performed by you or on your behalf, done under a written contract with that person or organization; "your work"; or "your products". We waive this right where you have agreed to do so as part of a written contract signed by you prior to loss.

**R. AMENDED INSURED CONTRACT DEFINITION - RAILROAD EASEMENT**

- 1. The following replaces Paragraph c. of the definition of "insured contract" in the **DEFINITIONS** Section:
  - c. Any easement or license agreement;
- 2. Paragraph f.(1) of the definition of "insured contract" in the **DEFINITIONS** Section is deleted.

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

## **BLANKET ADDITIONAL INSURED (ARCHITECTS, ENGINEERS AND SURVEYORS)**

This endorsement modifies insurance provided under the following:  
COMMERCIAL GENERAL LIABILITY COVERAGE PART

**1. The following is added to SECTION II – WHO IS AN INSURED:**

Any person or organization that you agree in a "written contract requiring insurance" to include as an additional insured on this Coverage Part, but:

- a. Only with respect to liability for "bodily injury", "property damage" or "personal injury"; and
- b. If, and only to the extent that, the injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies, or in connection with premises owned by or rented to you.

The person or organization does not qualify as an additional insured:

- c. With respect to the independent acts or omissions of such person or organization; or
- d. For "bodily injury", "property damage" or "personal injury" for which such person or organization has assumed liability in a contract or agreement.

The insurance provided to such additional insured is limited as follows:

- e. This insurance does not apply on any basis to any person or organization for which coverage as an additional insured specifically is added by another endorsement to this Coverage Part.
- f. This insurance does not apply to the rendering of or failure to render any "professional services".
- g. In the event that the Limits of Insurance of the Coverage Part shown in the Declarations exceed the limits of liability required by the "written contract requiring insurance", the insurance provided to the additional insured shall be limited to the limits of liability required by that "written contract requiring insurance". This endorsement does not increase the limits of insurance described in Section III – Limits Of Insurance.

- h. This insurance does not apply to "bodily injury" or "property damage" caused by "your work" and included in the "products-completed operations hazard" unless the "written contract requiring insurance" specifically requires you to provide such coverage for that additional insured, and then the insurance provided to the additional insured applies only to such "bodily injury" or "property damage" that occurs before the end of the period of time for which the "written contract requiring insurance" requires you to provide such coverage or the end of the policy period, whichever is earlier.

**2. The following is added to Paragraph 4.a. of SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS:**

The insurance provided to the additional insured is excess over any valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to the additional insured for a loss we cover. However, if you specifically agree in the "written contract requiring insurance" that this insurance provided to the additional insured under this Coverage Part must apply on a primary basis or a primary and non-contributory basis, this insurance is primary to other insurance available to the additional insured which covers that person or organizations as a named insured for such loss, and we will not share with the other insurance, provided that:

- (1) The "bodily injury" or "property damage" for which coverage is sought occurs; and
- (2) The "personal injury" for which coverage is sought arises out of an offense committed;

after you have signed that "written contract requiring insurance". But this insurance provided to the additional insured still is excess over valid and collectible other insurance, whether primary, excess, contingent or on any other basis, that is available to the additional insured when that person or organization is an additional insured under any other insurance.

## COMMERCIAL GENERAL LIABILITY

3. The following is added to Paragraph 8., **Transfer Of Rights Of Recovery Against Others To Us**, of **SECTION IV – COMMERCIAL GENERAL LIABILITY CONDITIONS**:

We waive any right of recovery we may have against any person or organization because of payments we make for "bodily injury", "property damage" or "personal injury" arising out of "your work" performed by you, or on your behalf, done under a "written contract requiring insurance" with that person or organization. We waive this right only where you have agreed to do so as part of the "written contract requiring insurance" with such person or organization signed by you before, and in effect when, the "bodily injury" or "property damage" occurs, or the "personal injury" offense is committed.

4. The following definition is added to the **DEFINITIONS** Section:

"Written contract requiring insurance" means that part of any written contract under which you are required to include a person or organization as an additional insured on this Coverage Part, provided that the "bodily injury" and "property damage" occurs and the "personal injury" is caused by an offense committed:

- a. After you have signed that written contract;
- b. While that part of the written contract is in effect; and
- c. Before the end of the policy period.

# Contract Information Sheet

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

Consultant Name:                     *Quigg Engineering Inc.*

Contract Number:                     *I-17-4299*

Proposal Date:                     *9/1/2017*

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-17-4299

Consultant: Quigg Engineering Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2017												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Coord & Meetings											60	60	120
Concept Verification											20	96	116
Primary Contr. Pckg													
INVEST													
Environmental											28	28	56
Structural Design											146	150	296
Survey											264	336	600
Signing & Striping													
Value Mgmt Study													
QAQC													
Project Management											18	18	36
<b>TOTALS</b>											536	688	1224







Contract Number: I-17-4299 Consultant: Quigg 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		
Coord & Meetings	1	1	1	1	1	1	1	1	1	1	1	1	1	12
Concept Verification														
Primary Contr. Pckg														
INVEST														
Environmental														
Structural Design														
Survey														
Signing & Striping														
Value Mgmt Study														
QAQC														
Project Management	1	1	1	1	1	1	1	1	1	1	1	1	1	12
<b>TOTALS</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>24</b>



Contract Number: I-17-4299 Consultant: Quigg Engineering Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2022												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Coord & Meetings	1	1	1	1	1	1	1	1	1	1	1	1	10
Concept Verification													
Primary Contr. Pckg.													
INVEST													
Environmental													
Structural Design													
Survey													
Signing & Striping													
Value Mgmt Study													
QAQC													
Project Management	1	1	1	1	1	1	1	1	1	1	1	1	10
<b>TOTALS</b>	2	2	2	2	2	2	2	2	2	2	2	2	20

Contract No.: I-17-4299

Consultant: Quigg Engineering Inc.

**EXHIBIT B: FEE CALCULATIONS**

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

$$\begin{array}{r} \underline{8,259.00} \\ \text{(Total Work Hours} \\ \text{from Exhibit C-2)} \end{array} \times \begin{array}{r} \$ \quad 41.76 \\ \text{(Average Hourly} \\ \text{Rate from Exhibit} \\ \text{C-2)} \end{array} = \text{TOTAL DIRECT SALARY } \$ \quad \underline{344,895.84}$$

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** \$ 966,708.35

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

(For Prime Consultant listed above.)

**TOTAL DIRECT COSTS** \$60,360.02

**C. SERVICES BY OTHERS**

Total Allowable Fee DBE/MBE/WBE Subconsultant (from Exhibit H) \$ 582,855.24

Total Allowable Fee Non-DBE/MBE/WBE Subconsultant (from Exhibit H (cont)) \$ 927,076.39

**TOTAL SERVICES BY OTHERS** \$ 1,509,931.63

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

\$ 34,426.17

(Requires prior authorization before use)

**ADDITIONAL SERVICES (Subconsultants)**

\$ 79,573.83

(Requires prior authorization before use)

**TOTAL ADDITIONAL SERVICES** \$ 114,000.00

(Requires prior authorization before use)

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

\$ 2,650,000.00

Contract No.: I-17-4299 Consultant: Quigg Engineering Inc.

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 7/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date	Date
11/1/2017	6/30/2018	7/1/2018	6/30/2019	7/1/2019	6/30/2020	7/1/2020
8.0	12.0	12.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0	60.0	60.0
13.33%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period	Escalation Factor Sixth Period	Escalation Factor Seventh Period

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date	Date
7/1/2022	10/31/2022					
4.0	60.0	60.0	60.0	60.0	60.0	60.0
6.67%						
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period	Escalation Factor Eleventh Period	Escalation Factor Twelfth Period

The escalation factor for this project is: 100.00%



Contract No.: I-17-4299 Consultant: Quigg Engineering Inc.

Date: 9/11/2017 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>	
<b>Total Estimated Work Hours:</b> 8,259.00 <b>Average Hourly Rate:</b> \$41.76 <b>Total Direct Labor:</b> \$344,895.84		<b>Total Estimated O/T Hours:</b> <b>Average Premium O/T Hourly Rate:</b> <b>Total Overtime Premium:</b>						
<b>Classification Eligible for Premium Overtime?</b> No	<b>Tollway Classification</b> Admin/Clerical	<b>Tollway MINIMUM Hourly Rate for Classification</b>	<b>Tollway MAXIMUM Hourly Rate for Classification</b>	<b>Average Hourly Rate for Classification (See Note A to Right)</b>	<b>Escalated Average Hourly Rate for Classification (See Note B to Right)</b>	<b>Estimated Work Hours (Including Overtime)</b>	<b>Escalated Average Premium Overtime Hourly Rate (See Note C to Right)</b>	<b>Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)</b>
		\$8.25	\$40.00	\$15.65	\$15.65	37.00		



Contract No.: 1-17-4299

Consultant: Quigg Engineering Inc.

Date: 9/1/2017

**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	President	Lori L. Quigg	\$50 - \$70
	Vice President	Todd A. Welz	
Project Manager	Engineer V	Michael C. Vail	\$40 - \$70
Senior Engineer/Planner	Engineer VI	David R. Booher	\$40 - \$70
	Engineer VI	Michael D. Cima	
	Engineer VI	Ross A. Bentsen	
	Engineer V	Donald R. Hayden, Jr.	
	Engineer V	Keith W. Benting	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Engineer IV	Francis B. Nelson III	\$25 - \$60
	Engineer IV	Herbert K. Jung	
Staff Engineer/Planner	Engineer III	David L. Bayler	\$20 - \$40
	Engineer III	Charles E. Pomazal	
	Engineer III	Steven C. Dulakis	
	Engineer III	James D. Berge	
	Engineer III	Robert P. Whiteside	
	Engineer II	Claire F. Stokes	
	Engineer II	Sean D. Maxwell	
	Engineer II	Nicole L. Sullivan	
	Engineer II	Jessica B. Barrow	
	Engineer I	Rachel N. Birdsell	
Engineer /Accountant	Vice President-Admin Principal	Rebecca L. Stocker	\$20 - \$60
Senior Technical Specialist	Land Surveyor V	William A. Kenter	\$25 - \$60
	Environmental Scientist IV	Elizabeth L. Serdynski	
	Engineering Technician V	David M. Holden	
	Land Surveyor IV	Edward D. Stewart	
	Engineering Technician V	Gregory L. Turner	
	Engineering Technician V	Rick A. Goertz	
Technical Specialist	Land Surveyor III	William J. Kenter	\$15 - \$50
	Land Surveyor I	Joshua P. Dieterich	
	Land Surveyor I	Clinton T. Jones	
	Environmental Scientist II	April Y. Holmes	
	Environmental Scientist II	Bradley T. Hayes	
	Engineering Technician III	Rhonda L. Laughlin	
	Engineering Technician III	Eldon P. Fritz	
	Engineering Technician II	Elaina H. Hilyard	
Architect			\$30 - \$70

Contract No.: I-17-4299

Consultant: Quigg Engineering Inc.

Date: 9/1/2017

**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>
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Administrative Assistant	Lainey J. Lutkehus	\$8.25 - \$40
	Administrative Assistant	Joyce I. King	
	Administrative Assistant	Melissa L. Tomlin	
	Administrative Assistant	Caroline S. Michel	
	Administrative Assistant	Sophie L. Quigg	

Contract No.: I-17-4299 Consultant: Quigg Engineering 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**  
[http://www.illinoistollway.com/documents/10157/2389762/12\\_LG\\_TOLLWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_10012013.PDF](http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF)
  
- 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**

<b>Scanner</b>	_____
<b>Shoulder closure</b>	_____
<b>Tree Tags</b>	_____
	_____
	_____
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	_____
	_____

**TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)                      \$    60,360.02**

## ALLOWABLE DIRECT COSTS

**10.01.2013**

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>
- \*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: I-17-4299

Consultant: Quigg Engineering Inc.

**EXHIBIT E - KEY PROJECT PERSONNEL**

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

**Project Manager:** Michael C. Vail

**Project Engineer:** Francis B. Nelson III

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

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

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

**Project Structural Engineer:** David R. Booher

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

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

**Others:**      **Name:** \_\_\_\_\_

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

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

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

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

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

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

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



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**Michael C. Vail, PE**

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**Project Manager/Engineer V**



QUIGG ENGINEERING INC

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**Michael C. Vail, PE**

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Project Manager/Engineer V





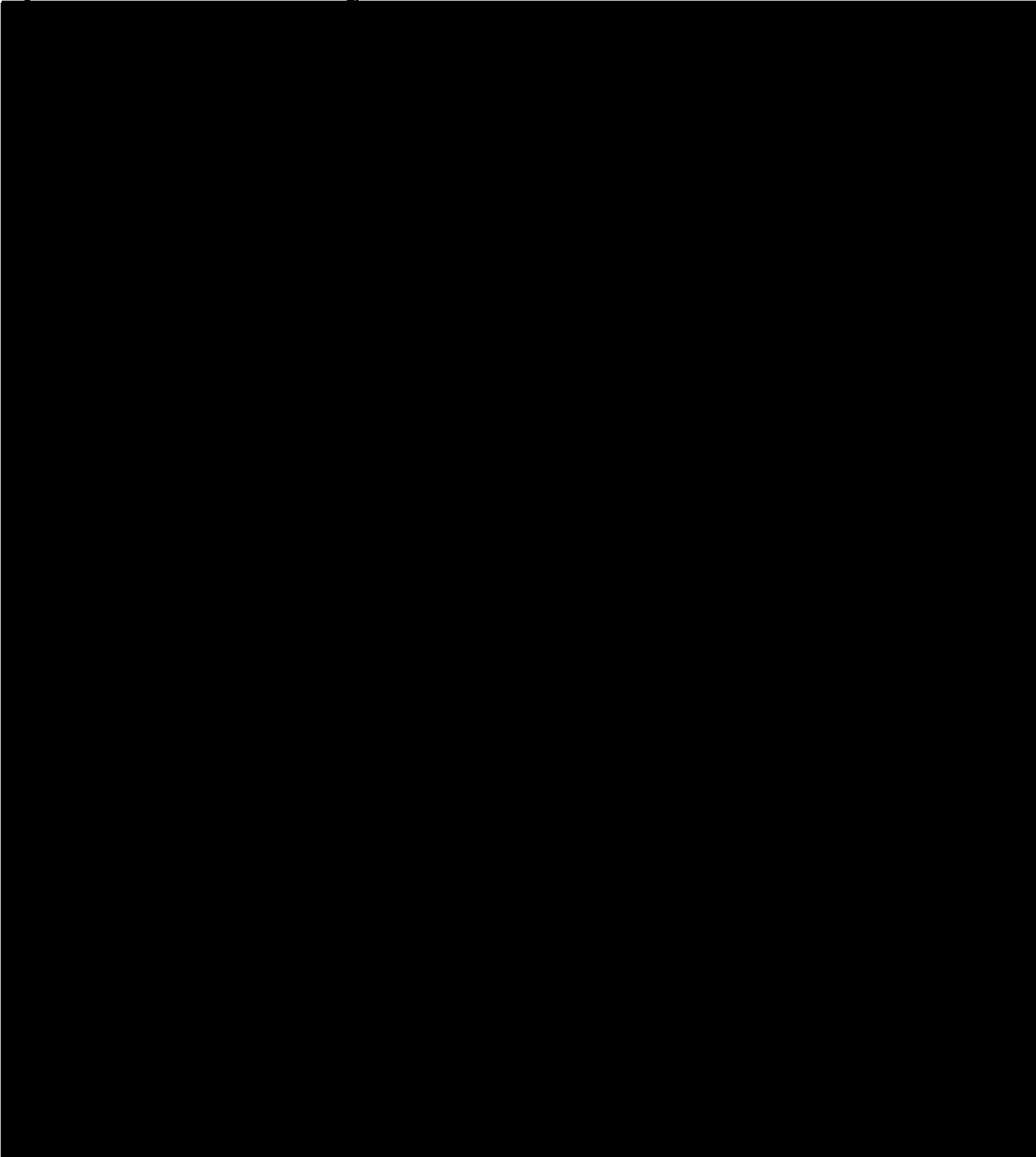
QUIGG ENGINEERING INC

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**Francis B. Nelson III, PE**

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Senior Project Manager





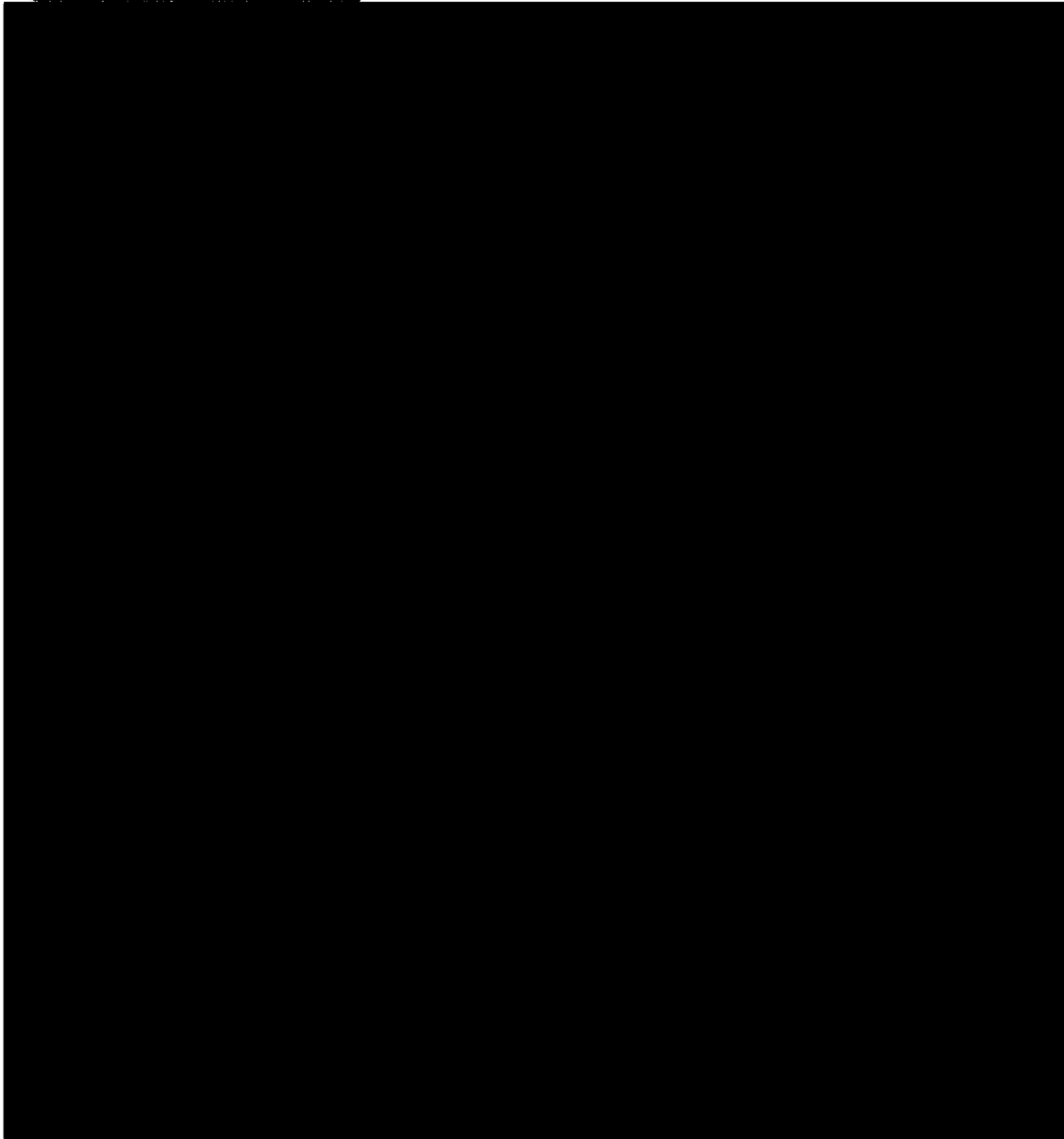
**QUIGG ENGINEERING INC**

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**Francis B. Nelson III, PE**

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**Senior Project Manager**





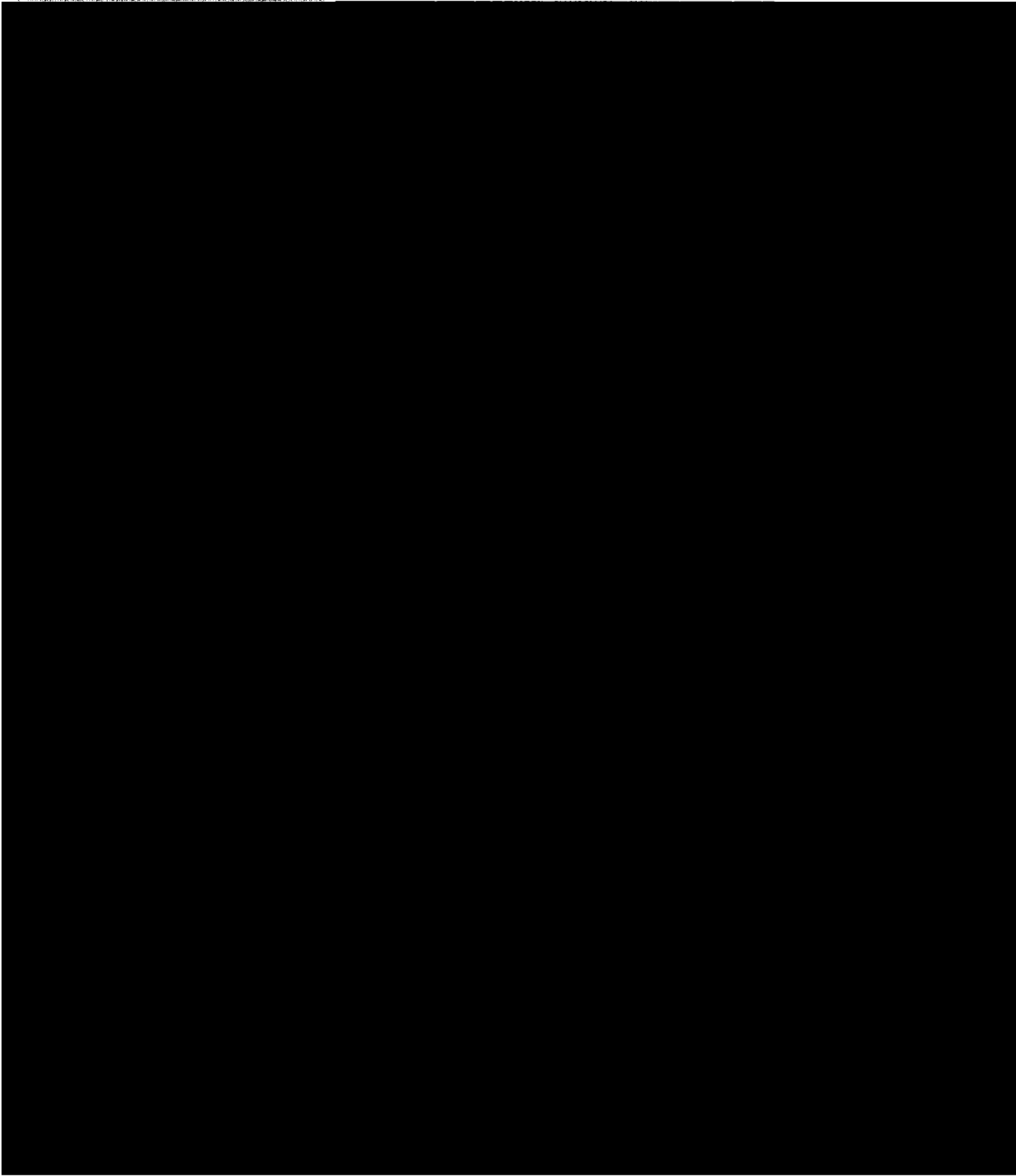
**QUIGG ENGINEERING INC**

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**David R. Booher, PE, SE**

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**Project Manager**





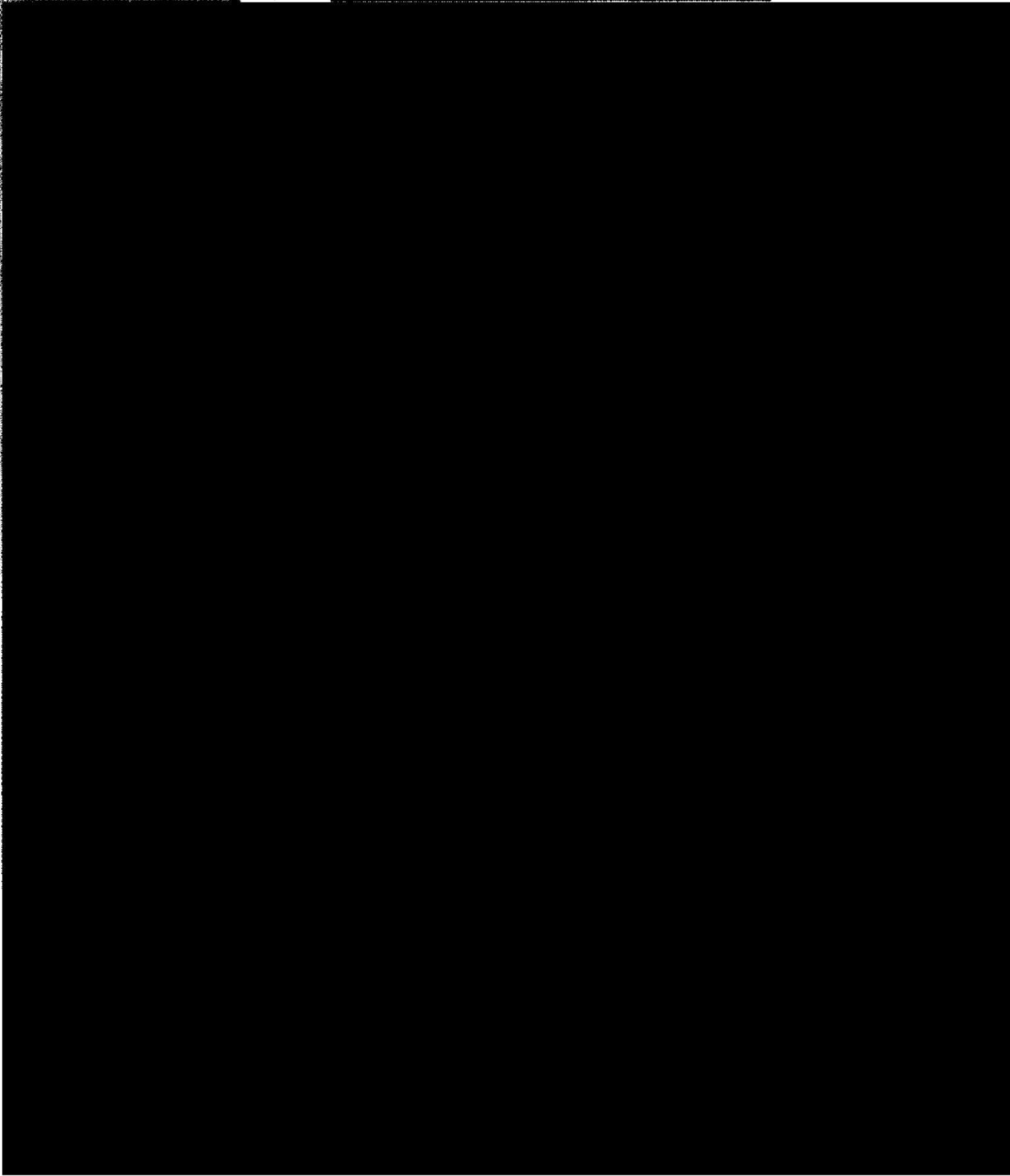
**QUIGG ENGINEERING INC**

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**David R. Booher, PE, SE**

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**Project Manager**



# **Exhibit F**

## **Scope of Work**

**Tri-State Tollway, Roadway Reconstruction, East West Connector  
(M.P. 29.1) to Roosevelt Road (M.P. 30.5)**

**Contract No. I-17-4299**

**Illinois State Toll Highway Authority**

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## **I. PROJECT DESCRIPTION**

This project is to prepare Phase II engineering services for the preparation of contract plans and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) between East West Connector (M.P. 29.1) and Roosevelt Road (M.P. 30.5).

The scope of proposed improvements includes roadway design, reconstructing / rehabilitation of bridges, retaining wall design, noise wall design, new drainage structures and modification of existing drainage system, erosion control for all construction zones, design of appropriate landscape and soil erosion/sedimentation control measures as necessary, pavement markings, delineators and signage, barrier warrant analysis and installation of guardrail, anchors and terminal, update roadway lighting, maintenance of traffic, protection and relocation of utilities, and other appurtenant and miscellaneous construction.

## **II. ITEMS OF WORK TO BE INCLUDED IN CONTRACT I-17-4299**

The Design Section Engineer's (DSE) services under Contract I-17-4299 shall consist of Phase II engineering services for the above described project, together with the identification of potential utility conflicts as per the requirements of the Illinois Tollway Design Section Engineer Manual, as amended by the Illinois Tollway, and herein specified. The design criteria and policies, Standard Specifications, materials, and construction requirements of the Illinois Tollway shall apply to all portions of the improvement under Illinois Tollway jurisdiction. The design criteria and policies, materials and construction requirements of the Illinois Department of Transportation shall apply outside the Illinois Tollway jurisdiction area.

This contract may develop construction packages as follows:

1. Mainline contracts for Toll Plaza 35.
2. Rehabilitation of Ramp M (NB I-294 to WB I-88) cross road bridge
3. Rehabilitation of Cermak Road (22<sup>nd</sup> Street) cross road bridge
4. An additional construction contract.

Master Plan and Advanced Engineering Studies (AES) has been performed by Illinois Tollway Contracts RR-14-4221, RR-14-4222, RR-14-4223 and RR-14-4224. The DSE will review the advanced engineering studies design geometry within the project limits and provide concept design plans for necessary refinements which will include the recommended horizontal geometry and vertical profile in accordance with the Illinois Tollway Design Section Engineer Manual, latest edition, as amended by the Illinois Tollway, and as otherwise noted below, which shall include, but not be limited to, the following:

### **A. CONCEPT DESIGN VERIFICATION REQUIREMENTS**

The DSE will be responsible for reviewing the Phase I Engineering documents completed to date and providing concept (30%) design deliverables as further defined herein.

The DSE review of Phase I Engineering documents prepared to date shall include, but not necessarily be limited to, the following:

1. Project scope
2. Project budget. The DSE shall review and validate the AEC cost estimate and provide an updated concept (30%) level cost estimate based on recommendations from the AES verification.
3. Project schedule. The DSE shall confirm or provide a recommended construction schedule for proposed construction contract package(s) within the contract limits. The DSE shall coordinate with the DCM to ensure that schedules are supported and can be accommodated within the overall Tri-State Tollway Master Corridor Schedule.
4. Project concept review including geometrics, right-of-way requirements, materials, maintenance of traffic, drainage, number of construction contracts, design criteria, cost benefit analysis, alternatives analysis, and all other appurtenant and miscellaneous items.
5. Design Criteria Review. The DSE shall review the current Illinois Tollway Design Criteria and evaluate the impact of updating the concept submittal prepared to date to be in conformance with the current design criteria.
6. Design Deviations prepared to date. The DSE shall coordinate with the DCM and adjacent Tri-State Tollway DSE sections to confirm whether or not deviations are still required.
7. Review of corridor roadway lighting design concept by I-17-4308 DSE.
8. Evaluation of Roadside obstacles in accordance with the Illinois Tollway Traffic Barrier Guidelines, latest edition. The DSE will prepare a strip map which identifies all areas of concern and meet with the Illinois Tollway and DCM to confirm expected level of analysis to be performed as part of the Barrier Warrant Analysis for each contract.
9. Review of utility coordination and utility studies performed to date, perform a field review, and submit Notice of Interference forms. The DSE is responsible for utility coordination in accordance with the Illinois Tollway DSE Manual.
10. Review of AES environmental documents to confirm potential issues related to wetlands, waterways, biological, cultural, noise, air, hazardous/special waste, pedestrian/bike accommodations, land use, zoning, etc. Review of ESA investigations and recommendations performed by others.
11. Review coordination with IDOT, FAA, regulatory, utility companies and local agencies performed to date and confirm commitments and future required action including identification of agreements and municipal/county design issues. Coordinate installation of the FOC duct package system with the Tollways Fiber Optic Management Vendor.
12. Review of available survey information furnished by the DCM and confirmation of completeness or need for additional information. DSE responsibilities with regard to Field Survey services outlined in Section III.



## **B. CONCEPT SUBMITTAL REQUIREMENTS**

The DSE review of the AES referenced above shall include preparation and submittal of a Concept Design Review Technical Memorandum which includes items identified in II. A. above and includes the following:

1. The DSE shall confirm and concur with the following or provide recommendations for proceeding during preliminary and final design:
  - a) Scope of Work.
  - b) Construction Contract Schedules.
  - c) Right of Way Requirements.
  - d) Construction Contract Packaging.
  - e) Advanced Engineering Studies Environmental Commitments.
2. Operating budget impact analysis (impact to Illinois Tollway Maintenance, Illinois Tollway Traffic Operations, Illinois Tollway Business Systems).
3. Identification of signing requirements and coordination of needs with the Illinois Tollway Sign Shop through the Design Corridor Manager (DCM).
4. Review of the AES design documents prepared to date including submittal of a technical memorandum detailing findings and providing recommendations for advancement to preliminary (60%) design.
5. A visual pavement condition survey of existing roadways within the limits of the proposed improvements.
6. Review and validate the Maintenance of Traffic AES Plan.
7. Update and submit right of way and utility requirements for each construction contract. The right of way requirements shall be submitted on plan drawings and shall include all permanent right of way and permanent and temporary easements the DSE deems as being required for construction of the proposed improvements. Identify ROW parcels to be acquired that affect utility relocations and establish priorities for acquisition.
8. Provide a construction contract packaging schematic and concept level design and construction schedule for contracts for which the DSE is responsible.
9. Prepare Signing Strip Maps by construction contract which are applicable to interim phases of construction and operation of independent tollable segments of roadways.
10. The DSE will review drainage concepts as necessary and any updated concepts completed since that date. The DSE will confirm the nature of the required improvements, the intent of the proposed design and verify compliance with the established design criteria.
11. Review and validate Aesthetics recommendations.
12. The DSE will prepare exhibits and renderings as needed to assist with public outreach.

In addition, the DSE shall perform the following during this phase:

1. Coordination of any additional right of way requirements through the DCM. The DSE shall be responsible for ensuring that right of way acquisition activities are consistent with contract schedules.
2. Coordinate installation of the FOC duct package system with the Tollway's Fiber Optic Management Vendor.
3. Identify any additional required design deviations. When a design deviation is sought, the DSE will start a Request For Design Deviation to Criteria (F4000.05). If agreed upon the form will be completely filled out and signed by all parties listed for signature.

4. The DSE shall review utility coordination performed to date, verify potential conflicts for the project through concept design and complete Notification of Interference forms for all anticipated utility interferences.
5. The DCM will prepare a comprehensive inventory of agreements for the overall project including railroad agreements. The DCM will be responsible for securing railroad agreements with technical support from the DSE. The DSE will review and confirm the overall agreements inventory as identified by the DCM and support the DCM in securing other required agreements in conformance with the established schedule, including preparation of agreements not being prepared by the DCM (see Table B).
6. The DCM will coordinate system-wide design implementation. The DSE will incorporate site specific design services provided by others as specified in the Illinois Tollway DSE Manual, amended by the Project-wide All Electronic Tolling and Intelligent Transportation Systems Design Criteria document, latest version.
7. Permitting requirements, potential utility conflicts, and required railroad, intergovernmental and utility agreements shall be identified.
8. The DSE will prepare Bridge Type Studies and Retaining Wall Type Studies during this phase of the work. Upon approval of these recommendations Type, Size, and Location Drawings for bridges, retaining walls, and culverts will be prepared. An updated proposed profile will be prepared by the DSE reflecting proposed refinements resulting from structural recommendations (TS&Ls) and through coordination with the adjacent DSEs are necessary.
9. Structural Geotechnical Reports (SGR) for proposed structures in accordance with the Illinois Tollway Geotechnical Manual, latest edition, as amended by the Illinois Tollway.
10. Concept Plan Legacy Comment Review. The DSE shall review unresolved comments received pertaining to the Concept Design Plans from involved agencies. Comments applicable to Contract I-17-4299 shall be compiled and presented in the technical memorandum.
11. Review of corridor roadway lighting design concept by I-17-4308 DSE.
12. Evaluation of Roadside obstacles in accordance with the Illinois Tollway Traffic Barrier Guidelines, latest edition. The DSE will prepare a strip map which identifies all areas of concern and meet with the Illinois Tollway and DCM to confirm expected level of analysis to be performed as part of the Barrier Warrant Analysis for each contract.

## C. PRELIMINARY AND FINAL DESIGN ENGINEERING

### 1. ROADWAY REQUIREMENTS

- a. Utilize existing aerial mapping, including contours for developing exhibits, right-of-way analysis, etc.
- b. Identify utility impacts on construction, right-of-way, costs, and project schedule. Supplemental SUE services shall be performed by the I-17-4299 DSE.
- c. Identify and establish priority of right-of-way parcel acquisition needed for utility relocation and advance work needs within the project limits.
- d. Conduct supplementary survey as required.
- e. Develop maintenance of traffic and construction staging options for each alternative and corresponding progress schedules. The maintenance of traffic shall be submitted to agencies having jurisdiction over proposed roadways included in the plan for review prior to advancement of subsequent

phases of design. The plan shall also be coordinated with adjacent design sections.

## 2. DESIGN AND PLAN PREPARATION – DETAILED REQUIREMENTS

During this phase, the DSE shall perform designs and prepare contract plans and documents for implementation of the project improvements, to include, but not be limited to, the following:

- a. Design services for preparing contract plans, special provisions, and estimates for the Tri-State Tollway (I-294) Roadway Reconstruction between East West Connector to Roosevelt Road.
- b. Performing Bridge Type Studies for new bridges proposed to be constructed. The use of Accelerated Bridge Construction (ABC) techniques will be considered as part of the studies.
- c. Perform Type, Size, and Location (TS&L) drawings for new bridge and retaining wall construction.
- d. Performing Wall Type Studies for new retaining wall design construction.
- e. Perform design services for noise walls.
- f. Performing analyses for new drainage structure installation and modification of the existing drainage system.
- g. Provide design of sediment and erosion control for all construction zones.
- h. Provide design of appropriate landscape and soil erosion/sedimentation control measures as necessary in accordance with the Illinois Tollway Environmental Studies manual, latest version.
- i. Design services for preparing contract plans and special provisions for installation of pavement markings, delineators, and signage for the contract limits.
- j. Provide barrier warrant analyses for all necessary locations and installation of guardrail, anchors, and terminals to conform to the current AASHTO Guidelines and Illinois Tollway criteria.
- k. ITS/Fiber/AET Scope. The scope anticipated to be included as part of the construction contract(s) to be limited to the installation of IPDC foundations, ITS Gantry and DMS foundations, and the underground backbone duct package along the roadway corridor which will contain power and fiber optic cable installed under separate contract(s). ITS device design shall be performed under separate contracts. The I-17-4299 DSE will be required to coordinate with the DCM and I-17-4307 DSE for Advance ITS and Fiber Relocation to ensure operational and communication requirements are fulfilled for each stage of MOT. The I-17-4299 DSE shall be required to coordinate with the DCM and I-17-4308 DSE to ensure that final ITS device design is in conformance with the corridor requirements, and all assets are properly transferred between contracts.
- l. Electrical design services for updating existing roadway and underpass lighting and installing new roadway and underpass lighting as required by the Illinois Tollway Lighting Standards, design criteria, and corridor roadway lighting master plan. Coordinate with the DCM and I-17-4308 DSE for the corridor roadway lighting master plan. The I-17-4299 DSE will design temporary lighting, provide for the maintenance of existing/temporary lighting, and will determine the actual locations of, and prepare contract plans, special provisions, and estimates for the temporary and final roadway and underpass lighting.

- m. Perform detailed design for all overhead, cantilever, and ground mounted sign structures within the contract limits.
- n. Provide maintenance of traffic plans including those for impacts to local facilities.
- o. Utility coordination for protection and / or relocation of utilities.
- p. Provide assistance to and backup materials for the preparation of all required permits by the DCM.
- q. Perform geotechnical studies.
- r. Prepare all required permits.
- s. Perform INVEST planning and design evaluations.
- t. Perform environmental studies. Phase I Environmental Site Assessments (ESAs) were prepared by others. These shall be reviewed for content and Phase II Environmental Site Assessments are to be prepared including environmental borings and analysis. The DSE will further prepare all designs required for remediation recommendations resulting from the ESA and Remedial Action Plan (RAP).
- u. Coordination with the Illinois Tollway and DCM with regard to environmental issues including, but not limited to USACE, IEPA, NPDES, IDNR-OWR. The following tasks have been or will be completed and will be provided to the DSE: Biological Resource Review, Wetland Delineation, Cultural Resource investigation, Stream/Water Quality Investigation, tree transect survey, Special Waste Assessment, and Noise Analysis. The DSE will be responsible for performing detailed tree classification surveys. The DCM will prepare a comprehensive inventory of required permits for the overall Tri-State Tollway (I-294) project, secure select permits and approvals (including FAA approval and corridor-wide 404/401 permits), and support coordination of other required permits to be secured by the DSE. See Table B for information regarding permitting responsibilities. Required permit submittals for the project include, but are not limited to: approval from Federal Aviation Administration; permits from the U.S. Army Corps of Engineers, Illinois Environmental Protection Agency, Illinois Department of Natural Resources, U.S. Fish and Wildlife, Metropolitan Water Reclamation District, IDOT, Local Agencies, Local Soil and Water Conservation Districts, Local Forest Preserve Districts, Railroads, etc. The DSE will review and confirm the overall permits inventory as identified by the DCM. The DSE will support the DCM in securing other required construction permits in conformance with the established schedule, including preparation of permits not being prepared by the DCM. The DSE will be required to furnish plans, calculations, etc. as required for permit submittals. The DSE shall coordinate permit requirements with the DCM throughout the design phase. The DSE shall be responsible for ensuring that permit submittals and approvals are consistent with contract schedules.
- v. All other appurtenant and miscellaneous items. The following structures are included in this project:
  - i. Bridge 201: Ramp M (NB I-294 to WB I-88) cross road bridge
  - ii. Bridge 203: Cermak Road (22<sup>nd</sup> Street) cross road bridge
- w. Following submittal of the Preliminary design plans, the Designer will participate in a Value Management Study. The VMS will be conducted by the DCM following preliminary submittal. The Designer will prepare exhibits, have key staff participate in the VMS, review the VMS finding, prepare responses and dispositions for all findings, and implement into their design any recommended findings which are accepted by the Tollway.

- x. The DSE will include a review of the following contracts prepared by others to confirm that the design is compatible with that of the I-17-4299 design section:
  - i. Design Corridor Manager Tri-State Tollway Contract I-16-4265
  - ii. Tri-State Roadway Reconstruction Contract I-17-4300
  - iii. Tri-State Roadway Reconstruction Contract I-17-4309

### 3. FINAL DESIGN SERVICES AND SUBMITTALS REQUIRED

Preparation of preliminary, pre-final, and final contract documents, special provisions, design and quantity calculations, and construction schedule to be reviewed by the Illinois Tollway.

1. The DSE must have MicroStation capabilities. All final documents shall be submitted in hard copy and electronic format and follow the Illinois Tollway CADD STANDARDS Manual.
2. The DSE shall coordinate and incorporate all requirements of other design contracts impacting this project, if any. The DSE shall meet with other DSE's and the DCM as often as required to ensure the final contract documents of all contracts relating to the limits are coordinated.
3. The DSE shall be responsible for coordinating designs with the DCM and the Illinois Tollway User Departments, including but not limited to, Toll Services, Traffic Operations, and Maintenance and Business Systems.
4. Maintenance of traffic and construction staging.
5. The DSE will be responsible for preparing and coordinating construction cost estimates with the DCM and the Illinois Tollway in accordance with the Illinois Tollway DSE Manual. The DSE is responsible for tracking the scope and cost estimate for construction contracts and coordinating changes with the DCM and the Illinois Tollway throughout the design phase. Final construction cost estimates will be developed by the DSE.
6. If required, preparation of plats of acquisition and associated legal descriptions.
7. All other submittals as required in the Illinois Tollway DSE Manual.
8. The DSE shall utilize the new Illinois Tollway stationing. Stationing of existing appurtenances shall be approximated from existing stationing and digital ortho imagery information.
9. Coordinate with the Illinois Tollway Project Manager and DCM on sending individual letters to municipal, township, county, and railroad officials with jurisdictional boundaries adjacent to the study area. Allow interested officials to review concepts under the Illinois Tollway consideration and comment on community issues of concern or support.
10. Coordinate with the Illinois Tollway Project Manager, the DCM, and the Illinois Tollway Planning Division on meeting with individual property owners, neighborhood groups, and their local officials as required to address their questions or concerns regarding indirect project impacts.
11. Submit DSE Quality Management Plan within 14 days of Notice to Proceed.
12. The DSE is responsible for submittal of documents required during contract advertisement and as required for contract addenda in accordance with the Illinois Tollway DSE Manual. The DSE shall coordinate with the DCM and Illinois Tollway as necessary.

13. Provide required information to support the Illinois Tollway's coordination activities with the Tri-State Tollway (I-294) Local Advisory Committee.

#### D. STRUCTURAL CONSTRUCTION

1. Perform cursory inspection of structures that are to be rehabilitated to provide repair recommendation verification to supplement the Bridge Condition Report.
2. The DSE will prepare Bridge Type Studies for new bridges proposed to be constructed.
3. The DSE will prepare Wall Type Studies for new retaining walls proposed to be constructed.
4. The DSE will prepare Type, Size, and Location plans for proposed bridges (see Table A), retaining walls, and culverts as required within the project limits.
5. The DSE will prepare contract plans and specifications for proposed bridges (see Table A), retaining walls, and culverts as required within the project limits.
6. The DSE will prepare contract plans, special provisions and estimates for IPDC foundations and ITS Gantry and DMS Foundations within the project limits.

#### E. DRAINAGE

1. The existing drainage facilities as represented in the concept plans and available Tri-State Tollway (I-294) as-built plans will be reviewed by the DSE to determine level of completeness and to identify potential additional drainage survey requirements. The DSE shall inspect existing storm drainage pipes to remain for condition assessment.
2. Drainage calculations including culvert and storm sewer sizing will be provided by the DSE.
3. Analysis of alternatives for the proposed drainage system will be required by the DSE. Anticipated alternatives include the staging of the proposed drainage improvements, detention alternatives, and best management practices as applicable. The prior drainage calculation reports from the concept plans and Tri-State Tollway (I-294) reconstruction will be provided for starting background.
4. The proposed right- of-way and easement requirements will be evaluated to accommodate the proposed drainage design.

#### F. ENVIRONMENTAL STUDIES AND REPORTS

1. Determine and evaluate potential environmental impacts. Precautions should be taken to limit wetland impacts to those presented in the Section 404 permit application submitted by the DCM and which was the basis for the USACE Section 404/IEPA Section 401 water quality certification authorizations issued for the Tri-State Tollway (I-294) project. The DSE shall coordinate immediately with the DCM if design changes result in an increase in impacts as coordination with regulatory resource agencies would be required.
2. Completion of Part II Environmental Studies Inventory Sheet (ESIS). Part I was evaluated during the Master Plan Phase. Therefore only Part II shall be submitted with preliminary plans.

3. Evaluate and develop sediment and erosion control plans/measures if necessary.
4. Preparation of plans as required for USACE review of resource impacts and shall include appropriate details including grading plans, soil erosion and sediment control plans, Best Management Practices plans, existing and proposed drainage plans, and wetland/waters mitigation plans.
5. Prepare Phase II ESA in accordance with the Illinois Tollway Environmental Studies Manual, latest version, and ASTM E1903 Standard Practice for Environmental Site Assessments, Phase II, as applicable. Prepare a Remedial Action Plan (RAP) in accordance with the aforementioned criteria as applicable and in accordance with IEPA requirements for Site Remediation Programs.

#### **G. MAINTENANCE OF TRAFFIC**

The DSE shall prepare Maintenance of Traffic deliverables in accordance with the Illinois Tollway Design Section Engineer's Manual, latest edition, as amended by the Illinois Tollway. The maintenance of traffic plans and studies shall provide for protection and maintenance of the Illinois Tollway and crossroad traffic, and maintenance of toll operations during construction. The DCM shall coordinate traffic staging and maintenance of traffic for the corridor with the individual DSEs for the project. The coordination shall include ensuring that regional impacts are minimized and to ensure that traffic is maintained during construction. Contract completion dates shall be coordinated between design contracts. The existing number of traffic lanes shall be maintained on the mainline in each direction on the Tri-State Tollway (I-294) between East West Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5) during peak hours.

#### **H. UTILITIES**

1. The DSE shall coordinate with utility companies and with the DCM throughout the design phase. The DSE shall be responsible for ensuring that utility relocation activities are consistent with contract schedules.
2. The DSE will be required to provide a copy of the agency utility contact log on a monthly basis.
3. Verify location of existing communications cables and utilities with respect to the proposed improvements.
4. All utilities coordination shall be performed in accordance with the DSE Manual, specifically with requirements of Subsection 4.5.18 and Section 6.

#### **I. GEOTECHNICAL**

1. For the bridges, retaining walls, noise walls, culverts, sign structure IPDC, ITS Gantry and lighting foundations, the DSE will select proposed boring locations for approval by the Illinois Tollway. The DSE shall review the borings obtained in Phase I. The DSE will provide a boring map to the DCM. If required, the DSE will be responsible for providing information to the DCM as required for obtaining right of entry and permits to perform any subsurface exploration.
2. The DSE will provide subsurface exploration, utility checks, laboratory testing, and a Soil survey report. If required, pavement corings will be taken at locations selected by the DSE to gather information for the pavement design. The pavement design for local system roadways will be provided by the agency

having jurisdiction of the roadways and the Illinois Tollway will determine mainline and ramp pavement section designs for toll roadway pavements. The DCM will provide applicable agencies and the Illinois Tollway with information necessary for designing pavement sections.

3. The DSE will prepare Structural Geotechnical Reports (SGR) that summarize the exploration and studies described above. The SGR will follow the Illinois Tollway SGR procedure. The SGR contains geotechnical recommendations related to bridge foundations, retaining wall foundations, slope walls, side slopes, pavement, sign structure, ITS Gantry, lighting foundations, and traffic signal foundations

### **III. DESIGN SECTION ENGINEER'S (DSE's) SERVICES**

#### **A. EXECUTION OF ENGINEERING SERVICES**

1. The DSE shall furnish services in accordance with the articles contained in the Illinois Tollway DSE Manual and all applicable Illinois Tollway Criteria, Manuals, and Bulletins.

#### **B. FIELD SURVEY**

1. The DCM will provide available survey information to the DSE. The DCM will establish a centerline and benchmarks for subsequent use by the DSE for the Tri-State Tollway (I-294 between East West Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5). The DSE will review the survey information and coordinate discrepancies with the DCM. Additional benchmarks will be provided by the DSE as necessary.
2. The DSE shall perform all additional survey work necessary for the design of the project in accordance with the appropriate sections of the Illinois Tollway DSE Manual, or as required for compliance with governing design criteria to provide a complete and acceptable design.
3. Maximum use shall be made of the Illinois Tollway's record drawings and Phase I Engineering documents; however, it is the Design Section Engineer's responsibility to verify all topography in the field.
4. The DSE shall obtain adequate survey information for determining barrier warrant analysis, etc. including approach shoulder drainage and appurtenances.
5. The DSE shall utilize the Illinois Tollway's record drawings and verify features in the field and utilize stationing on drawings only as a reference for the location of the structures. It is not the intent for the DSE to re-establish stationing in the field.
6. All coordination with Agencies, including but not limited to the U.S. Army Corps of Engineers, the Illinois Department of Natural Resources, the Illinois Environmental Protection Agency, the Office of Water Resources, and the Illinois Department of Transportation shall be conducted through Illinois Tollway and DCM. The DSE will be expected to assemble information and documents necessary for Illinois Tollway to perform such coordination.
7. All coordination with railroads shall be conducted through the DCM and per the Illinois Tollway DSE Manual.



**C. PLATS AND LEGALS**

1. This contract is anticipated to require up to ten separate property acquisitions. DSE to prepare plat and legal description documents associated with each Plat of Acquisition (POA) as well as coordinate and provide assistance to the Tollway Land Acquisition Unit as needed to complete each required acquisition. Documents shall be prepared in a timely manner so to not impede the Tollway property acquisition schedule.

**IV ITEMS TO BE FURNISHED TO THE DESIGN SECTION ENGINEER**

In addition to the items to be provided as described in the Illinois Tollway DSE Manual, the following will be supplied:

1. Items identified in Section II.
2. It shall be the responsibility of the DSE to select the applicable reduced record drawings from the Illinois Tollway's website at [www.illinoisvirtualltollway.com](http://www.illinoisvirtualltollway.com).
3. Available inspection reports from current jurisdictional agencies for facilities within the project limits.
4. Digital Ortho-Imagery, contours, horizontal and vertical survey control, and center line of the project limits.
5. Copies of Illinois Tollway Standard Specifications, Standard Drawings, and Design Manual can be obtained from the Illinois Tollway's website at [www.illinoistollway.com](http://www.illinoistollway.com).
6. Copy of Illinois Tollway Railroad and utility agreements (as required).
7. Maintenance Section Reports.

## PROJECT SCHEDULE

Contract No. I-17-4299  
Tri-State Tollway Roadway Reconstruction East West Connector (M.P. 29.1)  
to Roosevelt Road (M.P. 30.5)

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### SCHEDULE

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1.	Scoping Meeting	7/24/2017
2.	Design Scope Submittal	8/11/2017
3.	Design Scope Approval	9/6/2017
4.	Notice to Proceed	11/9/2017
5.	Project Kick-Off Meeting	11/20/2017
6.	Concept Submittal	2/2018
7.	Preliminary Submittal	7/2018
8.	Pre-final Submittal	1/2019
9.	Final Submittal	TBD
10.	Advertise	TBD
11.	Bid Opening	TBD
12.	Board Award	TBD
13.	Construction Start Date	TBD

Design for this project is scheduled to begin in 2017. Construction of this project is not scheduled. Listed dates are subject to change and correspond to the advertisement date and construction start dates for the earliest roadway contract. The intent of is to advance the design to enable the Illinois Tollway to proceed to construction in advance of the above listed dates if possible and practical in coordination with the DCM and overall Tri-State Tollway Master Corridor Schedule and program priorities.

**TABLE A:  
BRIDGES LOCATED WITHIN THE PROJECT LIMITS**

**Contract No. I-17-4299  
Tri-State Tollway (I-294) Roadway Reconstruction East West Connector (M.P. 29.1)  
to Roosevelt Road (M.P. 30.5)**

Bridge #	Traffic Direction	Mile Post	Location	Tollway Over (O) Under (U)	Type of Bridge <sup>1</sup>	Maintenance**
201	WB	29.30	I-88 Ramp over I-294	U		A
203	EB/WB	29.52	Cermak Road over I-294	U		C

\*\* A Type – Illinois Tollway has complete maintenance responsibility.

\*\* B Type – Illinois Tollway has partial maintenance responsibility.

\*\* C Type – Illinois Tollway has complete or partial maintenance responsibility.

<sup>1</sup> Bridge type and span arrangements subject to confirmation by the DSE through Type, Size and Location studies.

**TABLE B:  
TRI-STATE TOLLWAY (I-294) PERMITTING AND  
AGREEMENTS RESPONSIBILITY MATRIX**

Element	Responsibility		
	DCM	DSE	Others
Overall Permitting	Management of the overall permitting delivery and schedule. The DCM will be the central point of contact with all agency permit coordination.	Identification of permitting requirements for individual construction contracts; permitting support/preparation as defined below. Direct agency coordination will be determined by the DCM.	
404	Wetland delineation, Permit application; additional information requests; permit terms/conditions; permit acquisition.	Permit compliance within PS&E; detailed plan review; reconciliation of comments in 95% plans.	Construction enforcement by Tollway CM.
401	Permit application; additional information requests; permit terms/conditions; permit acquisition.	Permit compliance within PS&E; detailed plan review; reconciliation of comments in 95% plans.	Construction enforcement by Tollway CM.
Soil Water Conservation Districts (North Cook and Kane/DuPage SWCD's)	Agreement preparation assistance.	Permit compliance; 95% plan review of SESC plan with SWCD's.	Agreement preparation; enforcement/weekly inspections by SWCDs in coordination with Tollway CM.
Floodway Construction Permits	Preliminary stream hydrology/model data.	Validation/verification of stream hydrology for inclusion; permit application; additional information requests; permit terms and conditions; permit acquisition.	Construction enforcement by Tollway CM.
FAA 7460 Review's	Preparation/processing of 7460 review packages for construction impacting O'Hare/Schaumburg airspace; assist with identification of critical locations.	Preparation of plan sheets identifying critical locations affecting airspace; identification of construction means/methods, equipment usage, and construction duration in critical areas.	Construction enforcement by Tollway CM.
DuPage County Stormwater Management Plan Review	Design coordination and oversight.	Design coordination.	
Federal, State and Local Agency Construction Permits	Design coordination and oversight.	Permit application for each construction contract; additional information requests; permit terms and conditions; permit acquisition.	
MWRD - plan review and approval	Early coordination and development of conceptual engineering for affected facilities. Oversight of permit acquisition from the MWRD. Engineering details associated with the permit for the Touhy Basin will be the responsibility of the DSE.	Finalize engineering approach and details pertaining to impacts of MWRD facilities at the Touhy Flood Control Reservoirs. Prepare permit application content.	

Element	Responsibility		
	DCM	DSE	Others
Wetland Mitigation Permit (Off-Site Mitigation Site) – IDNR Interagency Policy Act/404 permit (USACE)	Coordination, pre-application meeting. Permit application; develop engineering content, additional information requests; permit terms/conditions; permit acquisition.		
402 Permit (NPDES Construction Permits)	Oversight of Design and preparation of SWPPP (S.P. 111.2) and review and coordination of Notice of Intent (NOI) submittals to the Tollway.	Preparation of SWPPP (S.P. 111.2) and NOI.	Preparation of Incidence of Noncompliance (ION) and Notice of Termination (NOT) by CM
IEPA Air Quality Permits (Mix Plants and Fuel Storage)	Permit application; additional information requests; permit terms and conditions; permit acquisition.		
IEPA Watermain Relocation Construction Permit	Design coordination and oversight.	Permit application; additional information requests; permit terms/conditions; permit acquisition.	
IEPA Notification of Special Waste	Phase II (ESA) investigation report review.	Preparation of Phase II (ESA) report. Documentation of field investigations and known information related to the nature/extent of special waste to be managed during construction in PS&E.	Discovery/removal of UST's will require IEPA notification; preparation of notifications and manifests of material disposal by Tollway contractor. If UST is to be removed from a known location, removal should be specified in the construction and CM contracts, along with all noted submittal requirements (20, 45 day & completion report). If discovered in the field at an unknown location, contractor should remove and DCM should complete all required reporting.
IEPA Notification of Asbestos/Lead Paint	Design coordination and oversight.	For building demolition contracts, investigation of asbestos and lead paint; preparation of IEPA notification. CMs should have disposal and documentation oversight.	
ICC	Permit application; additional information requests; permit terms/conditions; permit acquisition.	Supporting engineering detail for permit application.	
Railroad Agreements	Preparation/negotiation/securing umbrella agreements; support during negotiation of sub-agreements.	Engineering detail required to support sub-agreements; preparation of draft sub-agreements; assistance with sub-agreement reviews.	Right of Entry Permits by Contractor; Railroad Flagging Costs by Contractor. Tollway CM to provide oversight and tracking.

Other Agreements (Utilities, Federal, State, Municipalities, Counties)	Management of the overall agreements schedule; utility reimbursements for ICP Project A only via DCM contract	Design support; utility reimbursements.	Preparation/negotiation/securing agreements.
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## **Attachment A**

### **Web-Based Program Management System**

The Illinois Tollway has a Web-Based Program Management System (WBPM System) that will be utilized by project participants on the Illinois Tollway CRP projects. The WBPM system provides a number of benefits to the project participants, including:

- 1) Simplification of communications/online collaboration.
- 2) Automated tracking of time-sensitive items.
- 3) Automated reporting.
- 4) Common document management and storage as electronic documents will reside in a central repository.
- 5) Audit trail of information so project participants will be able to determine who did what and when.
- 6) Real-time access and exchange of information.
- 7) Easy, secure, and 24/7 access to project information over the Internet via a computer and an Internet browser.

The consultant must establish broadband Internet connectivity in order to effectively utilize the WBPM system (T1 is recommended) and must comply with all work instructions and procedures relating to its use. The consultant must furnish all hardware and software required to effectively utilize the WBPM system, including personal computers, peripheral software, virus protection software, System plug-ins, ActiveX installation, firewall configuration, and high-speed document scanners. The consultant will be solely responsible for coordination between its sub consultants & suppliers, and the WBPM system. All document transmittals and written communication from the consultant to the Illinois Tollway must be made electronically via the WBPM system. In certain cases where "wet signatures" and/or stamps are required by the Illinois Tollway, document transmittals must be made simultaneously via the WBPM system for record and by traditional means for paper documents, unless the consultant is directed otherwise in writing by the Illinois Tollway. Once stamped/signed documents have been obtained, they must be scanned and uploaded to the WBPM system for record.

All consultant, sub consultant, and supplier employees who will use WBPM system must complete the training provided by the Illinois Tollway prior to receiving access to the WBPM system. A valid e-mail address must be provided prior to training session. The consultant agrees to comply with all terms and conditions associated with use of the WBPM system.

- 1.0 The Consultant shall utilize the WBPM system to track and manage projects. The WBPM system shall be an official record of all project communication. The Consultant shall post copies of all project related documents on the WBPM system.
- 2.0 Within 14 calendar days of Notice to Proceed, the Consultant shall designate a website manager (coordinator) who is to be the point of contact with ISTHA website implementation and support staff.
- 3.0 The Consultant is required but not limited to submit the following using the System:
  - 3.1 Submittal schedule, submittals shall be processed using the WBPM system

- 
- to provide a record of activity.
- 3.2 Progress reports.
  - 3.3 Inspection reports.
  - 3.4 Requests for information, project clarifications, general communication, and project related issues.
  - 3.5 Meeting agendas, no later than 3 days before meeting.
  - 3.6 Minutes of meetings, no later than 3 days after each progress meeting date, distribute copies of minutes via the WBPM system to each party present and to other parties who should have been present. Include a brief summary in narrative form of progress since the previous meeting and report.
- 4.0 Document submission requirements. Project documents transmitted via the WBPM system must comply with the following electronic formats:
- 4.1 Documents that are marked up or unavailable in electronic format (drawings, sketches, correspondence, etc. generated by hand drafting methods) shall be scanned to PDF (.pdf) , black and white with maximum resolution of 200dpi using CCITT Group 4 (2d Fax) compression.
  - 4.2 Documents that have been generated using Adobe Acrobat PDF printer drivers (not scanned) shall be submitted to the WBPM system.
  - 4.3 Electronic photographs shall be submitted in JPEG (.JPG) file format, sized at a minimum resolution of 1024x768 pixels.
  - 4.4 Grayscale or color photo images that are scanned shall be saved in JPEG (.JPG) file format with medium to low quality compression at a maximum resolution of 200 dpi.
  - 4.5 Product data that is available for download from the Manufacturer's website that has been generated using Adobe Acrobat .PDF printer drivers (not scanned) may also be submitted via the WBPM system.



Operating System	Windows XP
Internet Browser	Internet Explorer version 6.0 or greater
Processor Speed	2.0 GHz or greater
System Memory (RAM)	512 Megabytes or greater
Hard Drive Space	1500 Megabytes (1.5Gb)
Display Resolution	1024x768 or greater
Connection Type	Broadband Internet Connection (T1) – If a T1 is not an available option, each System participant must have a dedicated (not shared) DSL or equivalent Internet connection.
Other hardware	CD-ROM or DVD drive
Medium Format Scanner <sup>1</sup>	Canon DR-5020 Document Scanner or equivalent
Medium Format Scanner <sup>1</sup>	Canon DR-5080C Document Scanner or equivalent
Medium Format Scanner <sup>1</sup>	Fujitsu M 4097D IPC Document Scanner or equivalent
Medium Format Scanner <sup>1</sup>	Fujitsu M 4097D VRS Document Scanner or equivalent
Medium Format Scanner <sup>1</sup>	Epson GT-30000 Document Scanner or equivalent
Large Format Scanner <sup>1</sup>	Océ TDS610 36" Monochrome Scanner or equivalent
Large Format Scanner <sup>1</sup>	Océ TDS810 36" Monochrome Scanner or equivalent
Large Format Scanner <sup>1</sup>	Vidar Select P36 Color Scanner or equivalent
Large Format Scanner <sup>1</sup>	Vidar Select MP36 MonochromeScanner or equivalent
Portable Document Format(.PDF) file reader	Adobe Acrobat Reader <sup>2</sup>
Portable Document Format(.PDF) file generator	Adobe Acrobat <sup>3</sup>
ZIP File compression utility	WinZip <sup>4</sup> or equal

<sup>1</sup> Large and medium format scanning may also be outsourced to a digital reproduction house in your locale.

<sup>2</sup> Adobe Acrobat Reader is free software available for download at <http://www.adobe.com/>

<sup>3</sup> Adobe Acrobat is not a free software and must be purchased. At least one copy of the software must be purchased by the Consultant and must reside on a PC accessible to all users within the Consultant's office. The purchase and installation of multiple copies is recommended.

<sup>4</sup> A fully functional evaluation version of WinZip is available for download at <http://www.winzip.com/>, alternative free file compression utility is 7-zip available at <http://www.7-zip.org/>

**Note:** The scanner models specified meet the requirements of website usage and are provided for information purposes only. Scanner models may change or be discontinued by the manufacturer.

**Quigg Engineering Inc. (QEI)**  
**Project: Tri-State Tollway Roadway Reconstruction**  
**EW Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5)**  
**Contract: I-17-4299 – CONTINGENCY**  
**QEI Proj. No. 17IL018**

**Exhibit F**  
**Scope of Services**

**Project Description**

Quigg Engineering Inc. and its sub-consultants (QEI Team) will provide CONTINGENCY engineering services consisting of the breakout of roadway & structural plans, specifications and estimates (PS&E) for the rehabilitation of I-294 Tri-State Tollway from the EW Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5). This is in preparation of an advance construction contract(s) per the Tollway's direction. All PS&Es shall meet the requirements of the Illinois Tollway DSE Manual.

**Contingency – Contract Packaging – TBD (60%, 95% & Final Deliverables)**

1. Compile Submittal Packages for each deliverable
2. General Plan Sheet revisions
3. Signing & Pavement Marking Plan revisions
4. QCQA
5. Project Management

**Quigg Engineering Inc. (QEI)**

**Project: Tri-State Tollway Roadway Reconstruction**

**EW Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5)**

**Contract: I-17-4299**

**QEI Proj. No. 17IL018**

**Exhibit F**

**Refinement to the Scope of Work**

**Project Description**

Quigg Engineering Inc. and its sub-consultants (QEI Team) will conduct Phase II Design Engineering Services to prepare contract plans, specifications, and estimates for the proposed improvements associated with the recommended improvements to the Tri-State Tollway from the East West Connector (approximate Station 1539+00, M.P. 29.1) to Roosevelt Road (approximate Station 1613+00, M.P. 30.5), a distance of approximately 1.4 miles, under Design Section Engineering (DSE) Contract I-17-4299.

The overall scope of work includes bridge rehabilitation, retaining wall construction, noise abatement wall construction, roadway lighting upgrades, new drainage structures and modification of the existing drainage system, erosion control plans, landscaping and soil erosion/sedimentation control measures as necessary, barrier warrant analysis (and installation of guardrail, anchors, and terminals), maintenance of traffic, protection and relocation of utilities, and other miscellaneous construction items. Additional information on scope and project limits are described below.

**Project Limits**

**Mainline:** The anticipated scope of work in this section will include reconstruction of the mainline Tri-State Tollway from Station 1539+00 to Station 1545+00 and from Station 1609+00 to Station 1613+00, and the reconstruction of the inside shoulder and median barrier between Station 1545+00 and Station 1609+00. Additional lanes are not part of the scope of work.

**Ramp M (EW Connector Ramp)**

Reconstruction of a portion of the connector ramp and rehabilitation of the bridge over I-294 (BN 201).

**Cermak Road**

Rehabilitation of the Cermak Road over I-294 bridge (BN 203)

**QEI Scope of Work**

Quigg's scope of services includes Concept Verification, INVEST Planning, Value Management Study, Environmental, Environmental Permitting, Structural Design, Supplemental Survey, Survey – Plats and Legals, Public Involvement, General Contract Documents (for tasks not covered by others), Signing, Pavement Marking, Retaining Wall Design, Foundation Design (IPDC, ITS, DMS), Bridge Rehabilitation, Field Reconnaissance, Coordination & Meetings, and Project Management. The information that follows further refines the scope of work for the

items that require additional details beyond those provided in the Master Scope of Work Exhibit F or applicable Illinois Tollway Manuals.

### **CONTRACT PACKAGING**

For scoping purposes, it is assumed that the improvements will be constructed as a single contract as detailed below:

1. It is assumed that the mainline improvements will be constructed under a single contract including the rehabilitation of Ramp M (NB I-294) to WB I-88) cross road bridge and the rehabilitation of Cermak Road (22<sup>nd</sup> Street) cross road bridge.

### **STRUCTURAL DESIGN**

1. Bridges. Rehabilitation work on Bridge Nos. 201 and 203 is included in the scope of this project as described below. Bridge Nos. 205, 206, & 213 also fall within the limits of Contract I-17-4299, but no work on these structures is anticipated.
  - a. Bridge No. 201 – I-88 E-W Connector Ramp M over I-294
    - i. Substructure concrete repairs.
    - ii. Crashwall and median concrete repairs.
    - iii. Apply concrete sealant to substructure.
    - iv. Replace deck expansion joints.
    - v. Clean and paint bearings.
    - vi. Crack sealing on deck and approach slabs.
    - vii. Surface repair of parapets.
    - viii. Cleaning drainage system.
  - b. Bridge No. 203 – Cermak Road (22<sup>nd</sup> Street) over I-294
    - i. Substructure concrete repairs.
    - ii. Replaced deck expansion joints.
    - iii. Partial depth deck repairs.
    - iv. Parapet repairs.
    - v. Apply bridge deck sealer.
    - vi. Approach slab repair.
    - vii. Guardrail repair.
    - viii. Clean drainage system.
2. Culvert Crossings. There is no work on culvert crossings, located within I-17-4299.
3. Retaining Walls.
  - a. Existing Wall TS30.35R, NB is within the limits of I-17-4299. No work on this wall is included in I-17-4299.
  - b. Proposed Wall TS30.45R NB is intended to be designed as part of I-17-4299. The proposed wall is in a cut section and is expected to be a cast in place concrete wall having a length of 292 feet and a height of 10 feet.
    - i. Conduct Retaining Wall Type Study
      1. Review roadway data and cross sections.
      2. Establish wall limits, height, and layout.
      3. Review and compare feasible wall types.
      4. If only single wall type is feasible – make recommendation.

5. If multiple wall types are feasible – may recommend performance based wall.
  6. Prepare Cost Estimate for wall.
  7. Review cost, impacts, and feasibility of right of way purchase instead of wall.
  8. Prepare ROW versus Retaining Wall Exhibit.
  9. Prepare Plan view of proposed wall.
  10. Prepare Report.
  - ii. Prepare Concept Plans (TS&L)
    1. Finalize layout and wall type
    2. Prepare TS&L
    3. Prepare Concept report text.
    4. Coordinate, provide input, review Structure Geotechnical Report (SGR)
  - iii. Prepare Final Plans
    1. Prepare structure design plans
    2. Prepare special provisions
    3. Coordinate layout of wall on roadway plans, cross sections, and typical sections
    4. Coordinate layout of wall with drainage design
    5. Coordinate layout of wall with utilities and ITS
4. Noise Walls (by others)
5. ITS Foundations
- a. Design proposed foundations for IPDC, ITS Gantry, and DMS
    - i. Coordinate for size and location of ITS facilities
    - ii. Prepare Design plans for two IPDC building foundations
      1. Sta. 1540+75
      2. Sta. 1586+25
    - iii. Prepare Design plans for ITS Gantry at ATM using Base Sheets
      1. Sta. 1546+10, NB
      2. Sta. 1552+00, SB
      3. Sta. 1574+97, NB
      4. Sta. 1589+90, SB
      5. Sta. 1597+29, NB
      6. Sta. 1607+99. SB
    - iv. Prepare Design plans for DMS overhead Truss (Assume 2 locations)
6. Field Checks
- a. Concept Field check of structures during concept development
  - b. Final Plan Field check of structures during final plan development
7. Meetings
- a. Internal meetings with Team
  - b. Meetings with Tollway, GEC, and DCM

8. Constructability Reviews
  - a. Structure Concept Review
  - b. Structure 60% Review
  - c. Structure 90% Review
  - d. Structure 100% Review

## **ENVIRONMENTAL STUDIES, REPORTS AND PERMITTING**

### **INVEST:**

QEI will lead the INVEST planning and design evaluation process during design development.

### **Environmental**

1. QEI will review Phase I Biological Resource Review, Wetland Delineation Reports, cultural resource investigations, stream/water quality investigations, tree transect survey, special waste assessment, and traffic noise analysis. It is assumed that all Phase I environmental resource surveys are complete. Should additional field surveys be required due to additional right-of-way needs, it will be considered a contingency item.
2. QEI will review all Phase I environmental resources. QEI will reevaluate those environmental impacts at preliminary, pre-final and final design. Those impacts will be relayed to the appropriate resource agencies.
3. QEI will complete the Part II of the Environmental Studies and Inventory Sheets (ESIS) at preliminary and pre-final plans. This may require additional field visits to verify resources.
4. QEI will be responsible for performing a detailed tree classification survey that includes species, size, form, and health. The tree survey will be completed inside the proposed right-of-way presented in the RR-14-4223 and RR-14-4224 Final Master Plan.
5. Coordination with resource agencies is assumed to occur throughout the project's duration with the U.S. Army Corps of Engineers, Illinois Environmental Protection Agency, Illinois Department of Natural Resources, U.S. Fish and Wildlife Service, Forest Preserve District of Cook County, Forest Preserve District of DuPage County, Local Soil and Water Conservation Districts, Illinois Department of Transportation, and Metropolitan Water Reclamation.
6. QEI will assist in the preparation of environmental exhibits for these meetings as well as attend as necessary. It is assumed there will be up to eight (8) resource agency coordination meetings.

### **Permitting**

1. QEI will review and confirm the overall permits inventory as identified by the DCM. QEI will support the DCM in securing other required construction permits in conformance with the established schedule, including preparation of permits not being prepared by the

DCM. QEI will work with discipline leads to provide plans, calculations, etc. as required for permit submittals. QEI shall coordinate permit requirements with the DCM throughout the design phase. QEI shall be responsible for ensuring that permit submittals and approvals are consistent with contract schedules.

2. QEI will work with the DCM to provide updated plans at agreed upon intervals for the corridor wide Clean Water Act Section 404 Permit to the U.S. Army Corps of Engineers, the Clean Water Act Section 401 Permit from the Illinois Environmental Protection Agency, and the Federal Aviation Administration.
3. QEI will work with other discipline leads and the DCM to prepare and submit other permits needed for construction. QEI will assemble and coordinate the permits. Discipline leads will be required to provide plans, calculations, and other information as necessary. QEI will prepare the permits listed in Table B based on the proposed right-of-way in the RR-14-4223 and RR-14-4224 Final Master Plans.

### **FIELD SURVEYS**

This project requires the survey of the Tri State Tollway from (M.P. 29.1) to M.P. 30.5). It is understood that the existing survey information is not of sufficient precision for use in Phase II design efforts and that a complete survey within the existing right of way and existing easements is required throughout the project corridor. The work to be performed will be Supplemental Topographic surveys along the corridor some pickup survey of the two structures included within the project limits. Perform surveys for drainage design needs. All survey work shall be performed in accordance with the appropriate sections of the DSE's design Manual.

#### **Assumptions:**

1. Existing Horizontal and vertical control from Phase I efforts to be provided.
2. Complete topographic surveys are needed based on the existing information was found not to be sufficient precision for Phase II design efforts.
3. Anticipate 10 Plat of Acquisitions are needed for the project.
4. Surveys to be based on Horizontal control based on Illinois State Plane coordinates (East Zone (2011 Adjustment)), Vertical control based on NAVD 88.
5. The utility companies will conduct the pot holing operation for the SUE survey.
6. No survey work to be performed at the toll booth area or the maintenance area

#### **The Work will consist of the following items:**

1. Coordination: Assemble information and documents necessary for the Tollway to perform coordination with the agencies for survey group within the project limits.
2. Control – Review the main project horizontal and vertical control provided by the DCM and conduct control check surveys. Coordinate with the DCM on any discrepancies found in the review of the documents supplied and the field checks. Add additional control as needed to perform supplemental surveys and additional right of way and

boundary surveys. Prepare a project control report with final coordinates and elevation and location ties for additional control set. The horizontal control shall be based on Illinois State plane East Zone, 2011 adjustment and the vertical control shall be based on NAVD 88.

3. Supplemental Surveys – Conduct topographic surveys of median and pavement reconstruction areas, new wall location and new foundation locations.
4. Locate drainage and sanitary structures, inventory each structure as to Pipe size, type and depth prepare sketch of each structure and photograph each structure within the supplemental survey area.
5. Locate existing Utilities above ground and underground utilities within the project limits, this will be based on visible evidence of existing utilities. Conduct supplemental SUE services as needed within the supplemental survey area
6. CADD: Extract required data form LIDAR scans
7. Prepare drawing in Microstation format in compliance with the Tollway requirements of the supplemental surveys. Drawing shall include an existing terrain model of the project extents, along with SUE models of project utilities.
8. Prepare topographic project report; report shall contain but not limited to an ASCII file listing of all point, field notes taken during survey and complete the Tollway topographic checklist.
9. Field Surveys for Plat Preparation: The preparation of Parcel of Acquisition Plats, legal descriptions and Plat of Highways will be necessary for the acquiring of additional lands being Fee take or Easements along the corridor. All survey work shall be performed in accordance with the appropriate sections of the DSE's design Manual.
10. Conduct research to obtain record data on Tollway interest and possible affected parcels within the project limits and review information collected. Title commitments to be obtained by the Tollway.
11. Conduct survey to locate existing public land corners, existing right of way and private land corners within the project limits. Analyze information collected from field survey and create a right of way and boundary file for the land acquisition areas to be used for design and land acquisition purposes.
12. Prepare right of way exhibits showing all existing right of way interest the Tollway may have along the land acquisition areas and show proposed permanent right of way, proposed permanent easements and proposed temporary easement requirements within the land acquisition areas.



## **SURVEY PLATS AND LEGALS (LAND ACQUISITION)**

Plat Preparation: It is anticipated to Prepare individual Plat of Acquisition for approximately 10 parcels affected by the projects design either by Fee take or temporary and/or permanent easements.

1. Conduct review of Plat of Acquisitions according to Tollway policies and prepare Survey right of way checklist forms.
2. Prepare Right of Way checklist for the Plat of acquisition and the Plat of Highways prepared for this project.
3. Preparation of Legal description: Prepare legal descriptions to submit with plats for the effected property owners within the project limits.
4. Meetings: Internal team meetings
5. Meet with Tollway, GEC, and DCM pertaining to survey and plat preparation (assume 4 meetings).

## **SURVEY DELIVERABLES**

1. Project Control Report.
2. Micro Station drawing of all primary control points.
3. ASCII listing of primary control points.
4. Field notes and recovery sketches of primary control points.
5. Survey Control Checklist.
6. ASCII file of all topographic points.
7. Micro Station drawing of topographic survey with LIDAR data incorporated.
8. Copy of Field notes taken during survey.
9. Final POA's in Micro Station and PDF format.
10. Final Legal descriptions in Word and PDF format.
11. Signed & Dated Survey Control Check List in Excel and PDF.
12. Signed & Dated Topographic survey Check List in Excel and PDF.
13. Signed & Dated Right of Way Check List in Excel and PDF.
14. Photos with photo log.
15. Topography verification report.

## **SIGNING & PAVEMENT MARKING**

1. On the basis of the approved Master Plan, contract documents consisting of plans, specifications, and an estimate of cost will be prepared. The plans will be prepared in accordance with the Illinois Tollway Design Section Engineer's (DSE) Manual and submitted in accordance with the various Illinois Tollway project design phases as

outlined in the current versions of the Illinois Tollway DSE Manual and Roadway Signing and Pavement Marking Guidelines.

2. The plans will include the following information regarding signing and pavement marking: sign schedule, sign details, pavement marking schedule, final pavement markings, applicable Tollway standards, and special provisions.
3. Specifically, QEI will perform the preparation of the signing and pavement markings plans to insure that Illinois Tollway requirements are incorporated into the plan development at each of the plan development stages. The task is estimated to require plan sheets per each stage of MOT for 60%, 95%, and 100% submittals for each set of contract documents.

**EXHIBIT G**

**Contract No. I-17-4299**

**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>
I-294 RR-14-4221	Mile Long Bridge reconstruction Phase I/II	\$4,150,000.00	\$1,500,000.00	4/1/2020
MO 12-137	Materials Engineering	\$1,665,000.00	\$180,000.00	12/31/2017
I-13-4111	CUR Audits	\$1,665,000.00	\$600,000.00	12/31/2018
IL 97 PTB 156-35	Phase II Engineering, IDOT Dist. 6.	\$1,163,000.00	\$430,000.00	12/31/2018
I-290 PTB 169-01	Phase I BCR and TSL, IDOT Dist. 1	\$861,000.00	\$140,000.00	12/31/2017
PTB 171-16	Project Management Phase I/II IDOT Dist. 8	\$1,000,000.00	\$170,000.00	12/31/2017
PTB 173-25	Phase III, High Speed Rail IDOT Dist. 6	\$3,990,000.00	\$400,000.00	12/31/2017
PTB 176-28	BMPR Technicians	\$2,500,000.00	\$372,000.00	12/31/2020
PTB 178-14	Ph III, Var/Var IDOT Dist. 6	\$1,000,000.00	\$300,000.00	3/31/2017
Various	Subconsultant Work for IDOT and Private clientele	\$4,165,000.00	\$2,527,000.00	12/31/2018

**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><b>1</b> <u>Ames Engineering, Inc.</u></p> <table border="0"> <tr> <td>Direct Labor</td> <td style="text-align: right;">\$ 73,183.32</td> </tr> <tr> <td>Direct Costs</td> <td style="text-align: right;">\$ 3,015.00</td> </tr> <tr> <td>Services by Others</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>Additional Services **</td> <td style="text-align: right;">_____</td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></td> <td style="text-align: right;"><b>\$ 76,198.32</b></td> </tr> </table>	Direct Labor	\$ 73,183.32	Direct Costs	\$ 3,015.00	Services by Others	_____	Additional Services **	_____	<b>Total this Subconsultant (ULC)</b>	<b>\$ 76,198.32</b>	<p><b>6</b> _____</p> <table border="0"> <tr> <td>Direct Labor</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Direct Costs</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Services by Others</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Additional Services **</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</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>
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<p><b>2</b> <u>d'Escoto, Inc.</u></p> <table border="0"> <tr> <td>Direct Labor</td> <td style="text-align: right;">\$ 52,394.72</td> </tr> <tr> <td>Direct Costs</td> <td style="text-align: right;">\$ 230.00</td> </tr> <tr> <td>Services by Others</td> <td style="text-align: right;">_____</td> </tr> <tr> <td>Additional Services **</td> <td style="text-align: right;">_____</td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></td> <td style="text-align: right;"><b>\$ 52,624.72</b></td> </tr> </table>	Direct Labor	\$ 52,394.72	Direct Costs	\$ 230.00	Services by Others	_____	Additional Services **	_____	<b>Total this Subconsultant (ULC)</b>	<b>\$ 52,624.72</b>	<p><b>7</b> _____</p> <table border="0"> <tr> <td>Direct Labor</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Direct Costs</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Services by Others</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Additional Services **</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</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>
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<p><b>3</b> <u>J.A. Watts, Inc.</u></p> <table border="0"> <tr> <td>Direct Labor</td> <td style="text-align: right;">\$ 63,060.48</td> </tr> <tr> <td>Direct Costs</td> <td style="text-align: right;">\$ 939.52</td> </tr> <tr> <td>Services by Others</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Additional Services **</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></td> <td style="text-align: right;"><b>\$ 64,000.00</b></td> </tr> </table>	Direct Labor	\$ 63,060.48	Direct Costs	\$ 939.52	Services by Others	\$ -	Additional Services **	\$ -	<b>Total this Subconsultant (ULC)</b>	<b>\$ 64,000.00</b>	<p><b>8</b> _____</p> <table border="0"> <tr> <td>Direct Labor</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Direct Costs</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Services by Others</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Additional Services **</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</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>
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<p><b>5</b> <u>Singh &amp; Associates, Inc.</u></p> <table border="0"> <tr> <td>Direct Labor</td> <td style="text-align: right;">\$ 150,406.48</td> </tr> <tr> <td>Direct Costs</td> <td style="text-align: right;">\$ 1,070.00</td> </tr> <tr> <td>Services by Others</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Additional Services **</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></td> <td style="text-align: right;"><b>\$ 151,476.48</b></td> </tr> </table>	Direct Labor	\$ 150,406.48	Direct Costs	\$ 1,070.00	Services by Others	\$ -	Additional Services **	\$ -	<b>Total this Subconsultant (ULC)</b>	<b>\$ 151,476.48</b>	<p><b>10</b> _____</p> <table border="0"> <tr> <td>Direct Labor</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Direct Costs</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Services by Others</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td>Additional Services **</td> <td style="text-align: right;">\$ -</td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</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>
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\*\* Additional services funds require prior authorization before use

**TOTAL DBE/MBE/WBE Subconsultants: \$ 582,855.24**

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

**TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ 582,855.24**

**DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): 21.99%**

**DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): 22.28%**

**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)**

<p>1 <u>Michael Baker International</u></p> <p>Direct Labor                   \$    384,237.00</p> <p>Direct Costs                   \$      3,409.24</p> <p>Services by Others           _____</p> <p>Additional Services **       _____</p> <p>Total this Subconsultant (ULC)                   \$    387,646.24</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>Civiltech Engineering, Inc.</u></p> <p>Direct Labor                   \$    268,671.31</p> <p>Direct Costs                   \$      3,000.00</p> <p>Services by Others           _____</p> <p>Additional Services **       _____</p> <p>Total this Subconsultant (ULC)                   \$    271,671.31</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>A. Epstein &amp; Sons International, Inc.</u></p> <p>Direct Labor                   \$    134,097.60</p> <p>Direct Costs                   \$      1,083.80</p> <p>Services by Others           \$            -</p> <p>Additional Services **       \$            -</p> <p>Total this Subconsultant (ULC)                   \$    135,181.40</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>Collins Engineers, Inc.</u></p> <p>Direct Labor                   \$    130,577.44</p> <p>Direct Costs                   \$      2,000.00</p> <p>Services by Others           \$            -</p> <p>Additional Services **       \$            -</p> <p>Total this Subconsultant (ULC)                   \$    132,577.44</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 _____</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>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 Non-DBE/MBE/WBE Subconsultants: \$ 927,076.39

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

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ 927,076.39

# Contract Information Sheet

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

Consultant Name: Michael Baker International

Contract Number: I-17-4299

Proposal Date: 9/1/2017

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-17-4299 Consultant: Michael Baker International

**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 Verification																
Primary Const. Pkg.	66	65	65	65												261
3D Modeling																
Value Mgmt Study																
Environmental	16	16	16	10												58
Geotech - SGR																
Coord & Meetings	26	26	26	26												104
QC/QA	5	5	5	5												20
Project Management	7	7	7	6												27
<b>TOTALS</b>	120	119	119	112												470

Contract Number: I-17-4299 Consultant: Michael Baker International

**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 Verification														
Primary Const. Pkg.														
3D Modeling														
Value Mgmt Study														
Environmental														
Geotech - SGR														
Coord & Meetings														
QC/QA														
Project Management														
<b>TOTALS</b>														0

Contract Number: I-17-4299 Consultant: Michael Baker International

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2021												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Concept Verification														
Primary Const. Pkg.														
3D Modeling														
Value Mgrng Study														
Environmental														
Geotech - SGR														
Coord & Meetings														
QC/QA														
Project Management														
<b>TOTALS</b>														0

Contract Number: I-17-4299

Consultant: Michael Baker International

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2022												TOTAL HOURS				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
Concept Verification																	
Primary Const. Pkg.																	
3D Modeling																	
Value Mgmt Study																	
Environmental																	
Geotech - SGR																	
Coord & Meetings																	
QC/QA																	
Project Management												1					1
<b>TOTALS</b>																1	1



Contract No.: I-17-4299 Consultant: Michael Baker International

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 11/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date
11/1/2017 - 10/31/2018	11/1/2018 - 10/31/2019	11/1/2019 - 10/31/2020	11/1/2020 - 10/31/2021	11/1/2021 - 10/31/2022	
12.0	12.0	12.0	12.0	12.0	
60.0	60.0	60.0	60.0	60.0	
20.00% Escalation Factor First Period	20.00% Escalation Factor Second Period	20.00% Escalation Factor Third Period	20.00% Escalation Factor Fourth Period	20.00% Escalation Factor Fifth Period	

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date
60.0	60.0	60.0	60.0	60.0	
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-17-4299

Consultant: Michael Baker International

Date: 9/1/2017

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>			
							Total Estimated Work Hours:	2,889.00	Total Estimated O/T Hours:	
							Average Hourly Rate:	\$47.50	Average Premium O/T Hourly Rate:	
							Total Direct Labor	\$137,227.50	Total 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							
No	Project Manager	\$40.00	\$70.00	\$60.72	\$60.72	556.00				
No	Senior Engineer/Planner	\$40.00	\$70.00	\$55.60	\$55.60	372.00				
No	Resident Engineer	\$40.00	\$70.00							
No	Project Engineer/Planner	\$25.00	\$60.00	\$57.84	\$57.84	437.00				
No	Staff Engineer/Planner	\$20.00	\$40.00	\$40.00	\$40.00	768.00				
No	Engineer /Accountant	\$20.00	\$60.00	\$33.84	\$33.84	608.00				
No	Senior Technical Specialist	\$25.00	\$60.00	\$42.02	\$42.02	148.00				
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.: 1-17-4299

Consultant: Michael Baker International

Date: 9/1/2017

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

<b>Tolway 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	Project Manager II	Isaac Yun	\$40 - \$70
Senior Engineer/Planner	Technical Manager I	Dennis Morgan	\$40 - \$70
	Technical Manager III	Wendy Vachet	
Resident Engineer			
Project Engineer/Planner	Project Manager I	Jennifer Chan	\$25 - \$60
	Civil Engineer II	Alicia McConnell	
	Technical Manager II	Parker Thomson	
Staff Engineer/Planner	Civil Engineer I	Joseph Kauzlarich	\$20 - \$40
	Civil Engineer I	Mitchel Cook	
	Civil Engineer I	Brett Mattas	
	Civil Engineer I	Emily Winn	
	Environmental Associate I	Yodsanan Sanpavat	
Engineer /Accountant	Civil Associate II	Christopher Knipp	\$20 - \$60
	Civil Associate I	Xiaone Wei	
	Civil Associate I	Michal Miczek	
	Civil Associate I	Megan Schulz	
Senior Technical Specialist	Designer III	David Lamb	\$25 - \$60
Technical Specialist			
Architect			
Realty Specialist			
Intern			
Admin/Clerical			



Contract No.:           I-17-4299           Consultant:           Michael Baker International          

**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**  
[http://www.illinoistollway.com/documents/10157/2389762/12\\_LG\\_TOLLWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_10012013.PDF](http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF)
  
- 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)**      \$           3,409.24

## ALLOWABLE DIRECT COSTS

10.01.2013

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>**
- **\*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.**
- **On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."**

Contract No.: I-17-4299

Consultant: Michael Baker International

**EXHIBIT E - KEY PROJECT PERSONNEL**

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

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

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

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

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

**Project Civil Engineer:** Isaac Yun

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

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

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

**Others:**      **Name:** \_\_\_\_\_

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

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

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

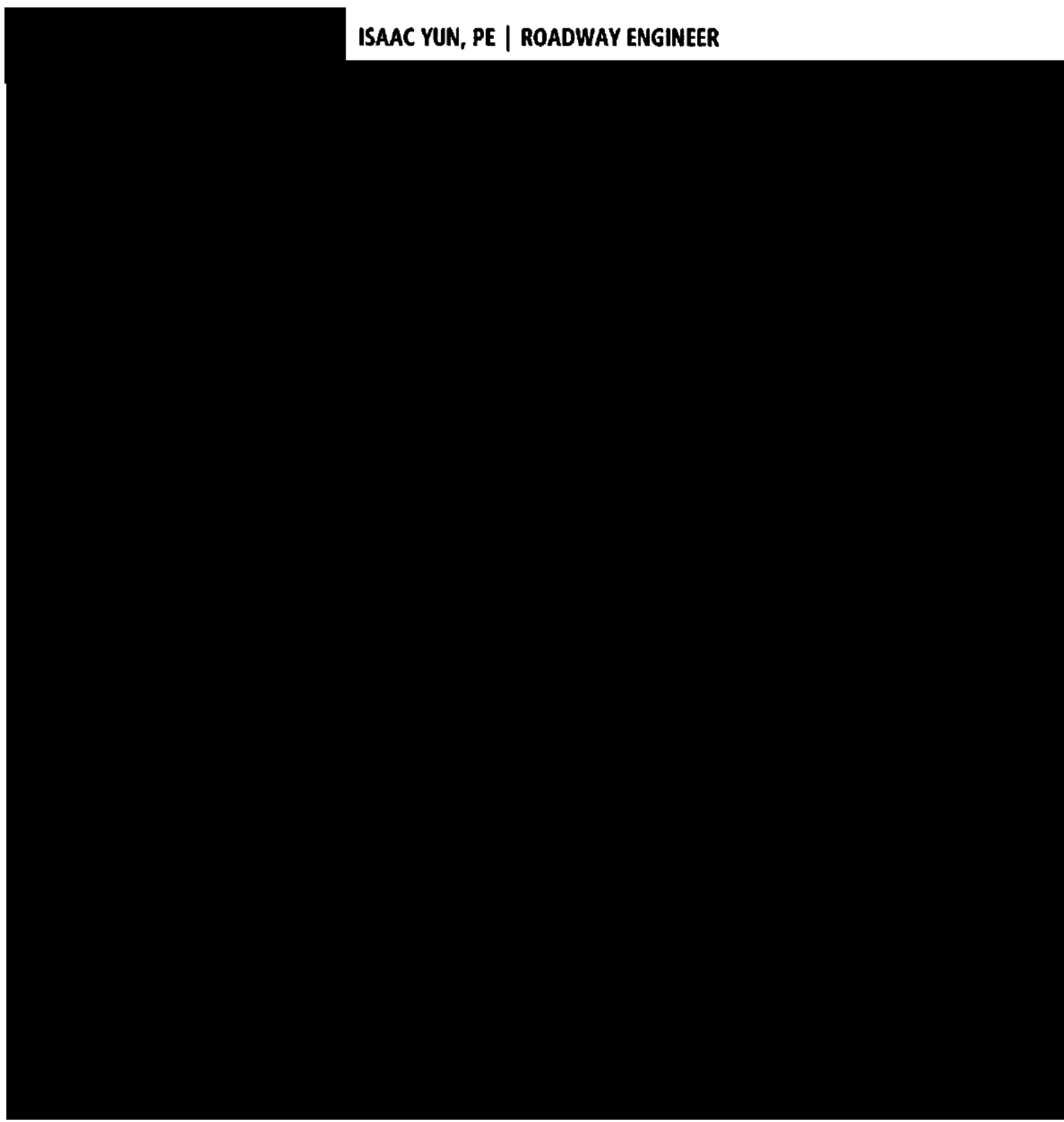
**Name:** \_\_\_\_\_

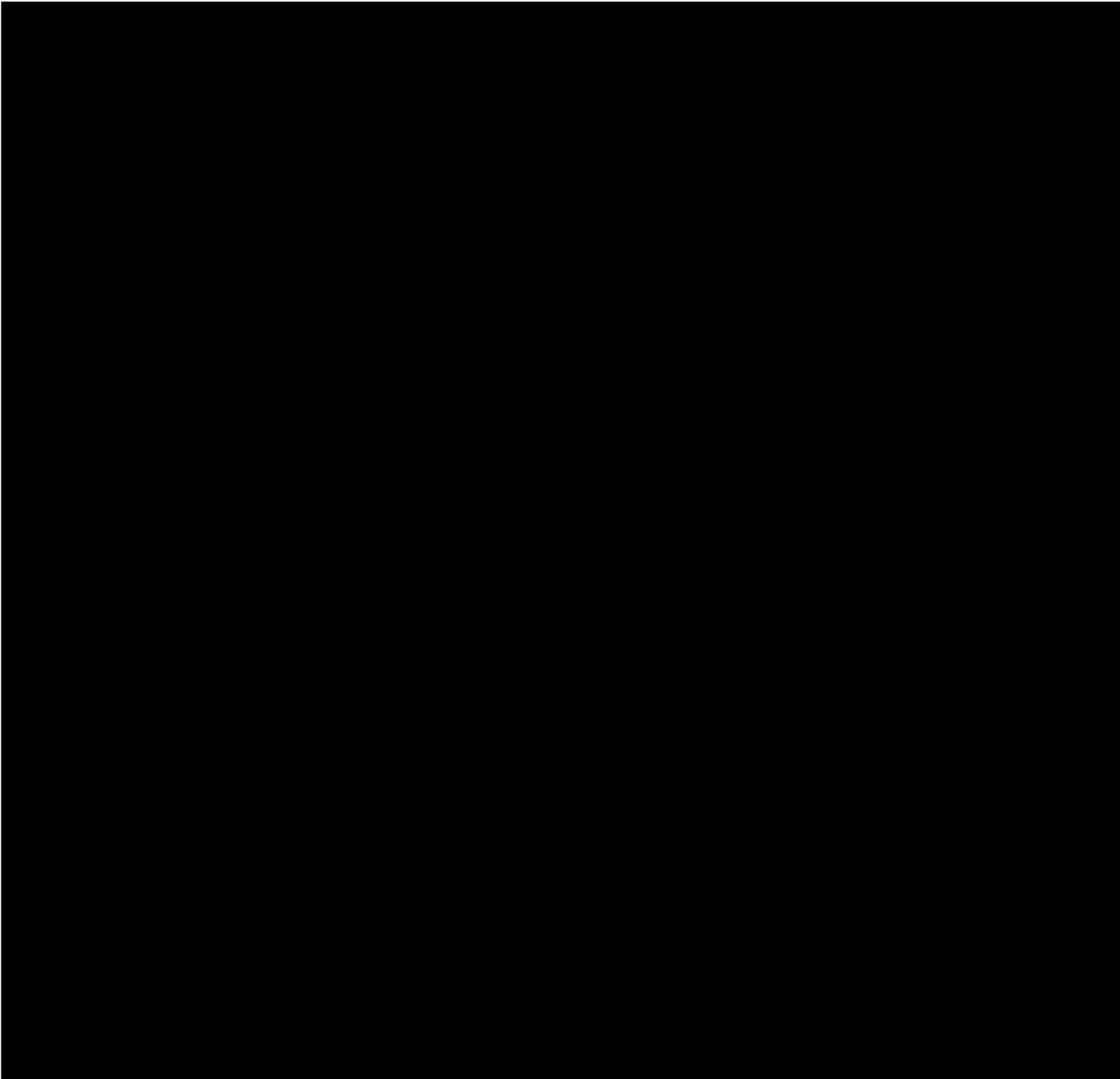
**Classification:** \_\_\_\_\_

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

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

**ISAAC YUN, PE | ROADWAY ENGINEER**





**I-294 Central Tri-State Tollway (I-17-4299)**

EW Connector (MP 29.1) to Roosevelt Rd (MP 30.5)

**EXHIBIT F**  
**SCOPE OF SERVICES**

Michael Baker International (MBI), as a subconsultant to Quigg Engineering, Inc. (QEI) will provide engineering services consisting of the preparation of roadway & structural plans, specifications and estimates (PS&E) for the rehabilitation of I-294 Central Tri-State Tollway from EW Connector (MP 29.1) to Roosevelt Rd (MP 30.5). All PS&Es shall meet requirements in the Illinois Tollway DSE Manual. Includes milestone submittals for Concept (30%), Preliminary (60%), Pre-Final (95%) and Final (100%).

**PROJECT ASSUMPTIONS:**

**Mainline**

- Northbound & Southbound I-294
  - 7,400 feet of improvements
  - STA 1539+00 to STA 1545+00: Approximately 600 feet of widened and reconstructed pavement. Match sections to north and south. Widening includes one (1) lane. Increase to 5 mainline lanes plus 1 flex lane.
  - STA 1545+00 to STA 1609+00: Approximately 6,400 feet of inside shoulder and median barrier reconstruction.
  - STA 1609+00 to STA 1613+00: Approximately 400 feet of reconstructed pavement. Match sections to north and south. No widening. Keeps 6 mainline lanes plus 1 flex lane.

**Ramp M (EW Connector Ramp)**

- Bridge rehabilitation of BN 201.

**Cermak Road**

- Bridge rehabilitation of BN 203.

**Toll Plaza 35**

- No major improvements included.

**Other**

- No changes to existing right of way will be considered for the project
- Clear zone at bridge abutments will be impacted

**ITEMS OF WORK TO BE INCLUDED IN CONTRACT I-17-4299****A. Concept Design Verification Requirements**

1. Review/evaluation of Master Plan and Advanced Engineering:
  - a. Review concept geometrics, based on limits defined above.
  - b. Review ROW requirements
  - c. Review design criteria and design deviations. Make updates to concept to align w/ current design criteria.
  - d. Review of adjacent DSE contracts.
2. Preparation of technical memorandum and exhibits
  - a. Detail findings of concept verification phase
  - b. Recommend changes to be implemented at 60% design phase
  - c. Provide writeup of concurrence/conflicts
  - d. Provide exhibits of concurrence/conflicts
3. Review of Cross Sections

**B. Primary Contract Package (60%, 95% & Final Deliverables)**

1. General Plan Sheets
  - a. Asphalt Mix Table
  - b. Earthwork Schedule
2. Typical Sections
  - a. Existing Typical Sections
  - b. Proposed Typical Sections
3. Roadway Plans
  - a. I-294 Mainline Roadway Plan & Profile
4. Detail Plans
  - a. I-294 Mainline/Ramp Jointing Details
  - b. Ramp 1 – NB Terminal Detail – Cermak Rd Interchange
  - c. Ramp 2 – SB Terminal Detail – Cermak Rd Interchange
  - d. Ramp 3 – NB Terminal Detail – Roosevelt Rd Interchange
  - e. Ramp 4 – SB Terminal Detail – Roosevelt Rd Interchange
  - f. Roadway Construction Details –Mainline
  - g. Roadway Construction Details – Toll Plaza
5. Grading Plans
  - a. I-294 Mainline
6. Cross Sections
  - a. I-294 Mainline
7. Specifications
8. Quantity Calculations
9. Cost Estimates (30%, 60%, 95%, Final)
10. Constructability Review

**C. Development / Refinement of 3D Models**

1. Corridor Modeler
2. DTM Development
3. Coordination with DCM

**D. Value Management Study (VMS) @ 60%**

1. Review VMS report
2. Attend VMS review meetings



**E. Environmental**

1. Review Phase I ESA (prepared by others)
2. Prepare Phase II ESA (soil borings by GSG)
3. Prepare Remedial Action Plan (per IEPA requirements)
4. Prepare 662/663 forms by contract

**F. Structural Geotechnical Reports (SGRs)**

1. Review Geotechnical Data Report (done by others)
2. Cermak Rd – Recommend bridge foundations/slope wall modifications
3. EW Connector Bridge – Recommend bridge foundations/slope wall modifications
4. 4 retaining walls
5. Sign structures, ITS gantries, lighting foundations

**G. Coordination & Meetings**

1. Weekly DSE coordination meetings
2. Biweekly MBI internal coordination meetings
3. Plan review meetings with Tollway/PMO/GEC/DCM staff
4. Coordination with adjacent contracts

**H. Quality Control / Quality Assurance (QC/QA)**

1. Development of the Consultant Quality Plan (CQP),
2. QC/QA reviews (3% of subtotal)

**I. Project Administration / Management**

1. Invoicing, progress reports, and team management (5% of subtotal)

**I-294 Central Tri-State Tollway (I-17-4299) - CONTINGENCY**  
EW Connector (MP 29.1) to Roosevelt Rd (MP 30.5)**EXHIBIT F**  
**SCOPE OF SERVICES**

Michael Baker International (MBI), as a subconsultant to Quigg Engineering, Inc. (QEI) will provide CONTINGENCY engineering services consisting of the breakout of roadway & structural plans, specifications and estimates (PS&E) for the rehabilitation of I-294 Central Tri-State Tollway from EW Connector (MP 29.1) to Roosevelt Rd (MP 30.5). This is in preparation of an advance construction contract per the Tollway's direction. All PS&Es shall meet requirements in the Illinois Tollway DSE Manual. Includes milestone submittals for Concept (30%), Preliminary (60%), Pre-Final (95%) and Final (100%).

**ITEMS OF WORK TO BE INCLUDED IN CONTRACT I-17-4299 - CONTINGENCY****A. CONTINGENCY Contract Package – TBD (60%, 95% & Final Deliverables)**

1. General Plan Sheets – support only
2. Typical Sections
3. Roadway Plans
4. Detail Plans
5. Grading Plans
6. Cross Sections
7. Specifications
8. Quantity Calculations
9. Cost Estimates (30%, 60%, 95%, Final)
10. Constructability Review

**B. Quality Control / Quality Assurance (QC/QA)**

1. QC/QA reviews (3% of subtotal)

**C. Project Administration / Management**

1. Invoicing, progress reports, and team management (5% of subtotal)

**EXHIBIT G**

**Contract No. I-17-4299**

**Michael Baker International**

**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>
EOWA (I-15-4663)	EOWA CM Services	\$5,000,000.00	\$300,000.00	5/31/2018
I-88 (5660)	I-88 Resurfacing CM Services	\$6,148,718.00	\$300,000.00	5/31/2018
IDNR	Dam Removal Services (on-hold)	\$990,000.00	\$900,000.00	12/31/2018
IDOT	Various Bridge Design Services	\$2,000,000.00	\$50,000.00	12/31/2017
IDOT	Various Phase I Services	\$2,000,000.00	\$600,000.00	9/30/2018
IDOT	Harlem Ave Phase I	\$1,500,000.00	\$724,549.00	8/1/2019
IDOT	Cedar St Extension Phase I/II	\$724,549.00	\$300,000.00	4/30/2018
Univ. of IL	Photogrammetry & LiDAR Services (on-hold)	\$1,000,000.00	\$1,000,000.00	12/31/2018
IDOT	I-90 from Cumberland to Harlem - CM	\$560,544.00	\$150,000.00	12/31/2017
IDOT	Various Phase I/II Eng Services for Structure Projects Statewide	\$1,500,000.00	\$1,500,000.00	7/31/2019

**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	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Direct Labor</td> <td style="border-bottom: 1px solid black; width: 40%;"></td> <td style="width: 30%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></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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Direct Labor																
Direct Costs	\$	-														
Services by Others	\$	-														
Additional Services **	\$	-														
<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: \$ -

# Contract Information Sheet

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

Consultant Name: A. Epstein and Sons International. Inc.

Contract Number: I-17-4299

Proposal Date: 9/1/2017

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-17-4299

Consultant: A. Epstein and Sons International, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2017											TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		Dec	
QA/QC												5	10	15
INVEST														
Roadway Design												10	10	20
ESC & Landscaping												10	10	20
Contingency/Additional Services														
<b>TOTALS</b>												25	30	55

Grand Total Exhibit A Hours 976

Contract Number: I-17-4299

Consultant: A. Epstein and Sons International, Inc.

**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	
QA/QC		30	30							50	40		150
INVEST			10							10			20
Roadway Design	10	10	20	8	8	8	10	20	30	30	8	8	170
ESC & Landscaping	10	20	20	10	10	10	20	20	30	30	10	10	200
Contingency/Additional Services													
<b>TOTALS</b>	20	60	80	18	18	18	30	40	60	120	58	18	540



Contract Number: I-17-4299 Consultant: A. Epstein and Sons International, 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		
QA/QC			40	60		40								140
INVEST				10		9								19
Roadway Design	10	10	20	20	10	20								90
ESC & Landscaping	20	20	30	30	10	20								130
Contingency/Additional Services														
<b>TOTALS</b>	<b>30</b>	<b>30</b>	<b>90</b>	<b>120</b>	<b>20</b>	<b>89</b>								<b>379</b>

Contract Number: 1-17-4299 Consultant: A. Epstein and Sons International, 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					
QA/QC																	
INVEST																	
Roadway Design																	
ESC & Landscaping																	
Contingency/Additional Services																	
<b>TOTALS</b>																	<b>0</b>

Contract Number: 1-17-4299 Consultant: A. Epstein and Sons International, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2021												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
QA/QC															
INVEST															
Roadway Design															
ESC & Landscaping															
Contingency/Additional Services															
<b>TOTALS</b>															<b>0</b>

Contract Number: I-17-4299 Consultant: A. Epstein and Sons International, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2022												TOTAL HOURS				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
QA/QC																	
INVEST										1							1
Roadway Design																	
ESC & Landscaping																	
Contingency/Additional Services																	
<b>TOTALS</b>																1	1



Contract No.: 1-17-4299 Consultant: A. Epstein and Sons International, Inc.

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 1/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

11/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021
2.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0
3.33%	20.00%	20.00%	20.00%	20.00%
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**

1/1/2022 - 10/31/2022				
10.0				
60.0	60.0	60.0	60.0	60.0
16.67%				
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-17-4299

Consultant: A. Epstein and Sons International, Inc.

Date: 9/1/2017

Escalation Factor: 100.00%

(From Exhibit C-1)

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

							<b>DIRECT COST OVERTIME PREMIUM</b>	
							Total Estimated O/T Hours: 20.00	
							Average Premium O/T Hourly Rate: \$14.19	
							Total Overtime Premium: \$283.80	
							Total Estimated Work Hours: 975.00	
							Average Hourly Rate: \$49.12	
							Total Direct Labor: \$47,892.00	
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	60.00		
No	Project Manager	\$40.00	\$70.00	\$62.78	\$62.78	420.00		
No	Senior Engineer/Planner	\$40.00	\$70.00					
No	Resident Engineer	\$40.00	\$70.00					
No	Project Engineer/Planner	\$25.00	\$60.00	\$40.29	\$40.29	200.00		
No	Staff Engineer/Planner	\$20.00	\$40.00	\$29.81	\$29.81	100.00		
No	Engineer /Accountant	\$20.00	\$60.00					
No	Senior Technical Specialist	\$25.00	\$60.00					
Yes	Technical Specialist	\$15.00	\$50.00	\$33.20	\$33.20	175.00	16.60	10.00
No	Architect	\$30.00	\$70.00					
No	Realty Specialists	\$20.00	\$70.00					
No	Intern	\$8.25	\$20.00					
Yes	Admin/Clerical	\$8.25	\$40.00	\$23.54	\$23.54	20.00	11.77	10.00

EXHIBIT "1"

**Contract No.:** I-17-4299

**Consultant:** A. Epstein and Sons International, Inc.

**Date:** 9/1/2017

**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	Principal	Smiles, Thomas	\$50 - \$70
Project Manager	Senior Project Manager	Osborne, Gregory	\$40 - \$70
	Senior Project Manager	Iniguez, Victor	
	Senior Project Manager	Pelletier, Theresa	
	Senior Project Manager	Gall, Timothy	
	Senior Project Engineer / Architect	Karlovitz, John	
	Senior Project Manager	Hilty, David	
Senior Engineer/Planner			\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Senior Design Engineer / Architect	Rose, Jeremy	\$25 - \$60
Staff Engineer/Planner	Design Engineer / Architect	DeBose, Deion	\$20 - \$40
	Design Engineer / Architect	Ahmad, Hedaia	
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist	CADD Coordinator	Reilly, Donald	\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Senior Administrative Assistant	Pollard, Gail	\$8.25 - \$40



Contract No.: I-17-4299 Consultant: A. Epstein and Sons International. 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.aspx>
  
- B. **ALLOWABLE DIRECT COSTS - based on link below**  
[http://www.illinoistollway.com/documents/10157/2389762/12\\_LG\\_TOLLWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_10012013.PDF](http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF)
  
- 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)                      \$                      800.00**

## ALLOWABLE DIRECT COSTS

**10.01.2013**

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>
- \*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: I-17-4299

Consultant: A. Epstein and Sons International. 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: Victor Iniguez

Classification: QA/QC Roadway

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

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

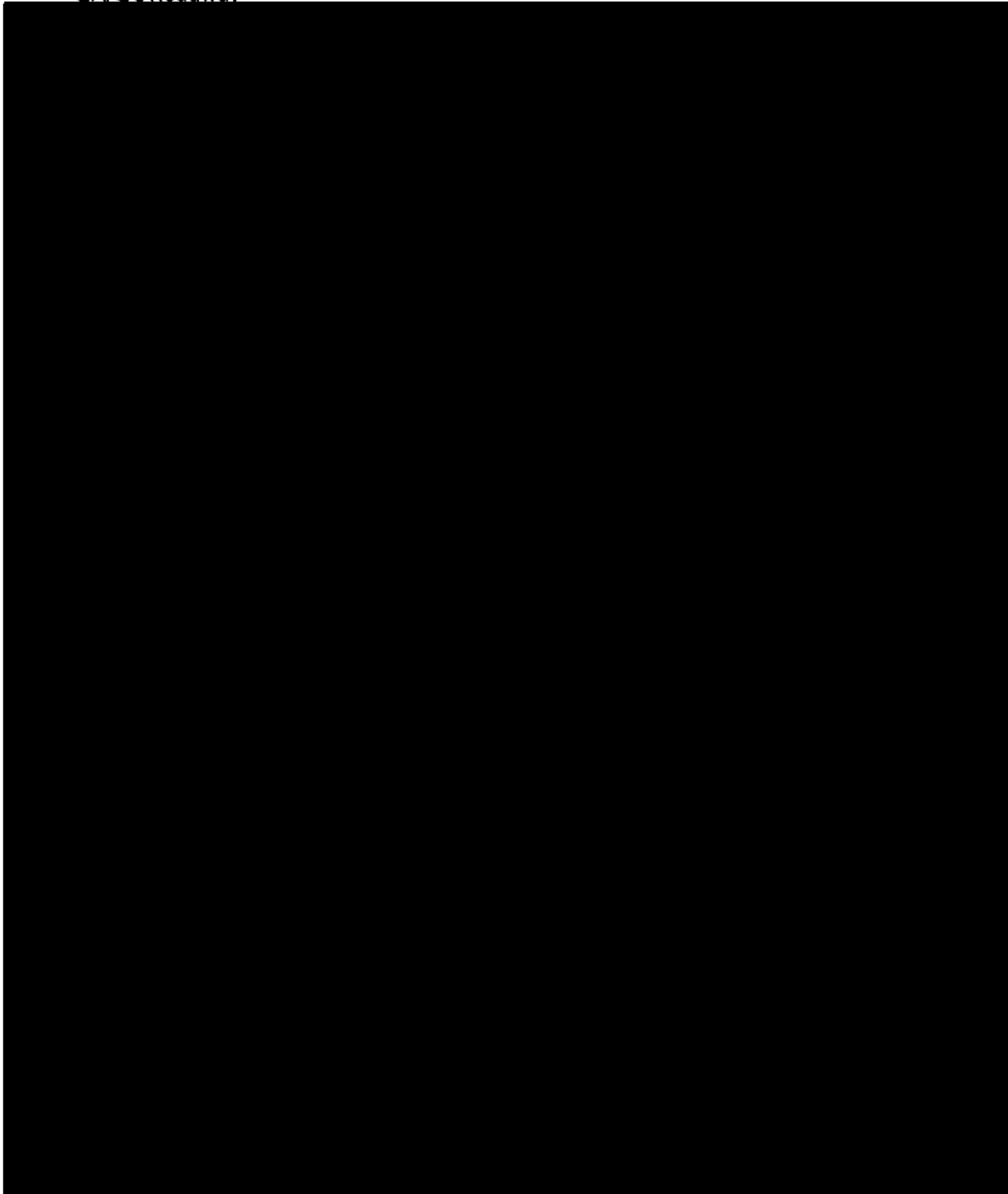
Name: \_\_\_\_\_

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

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

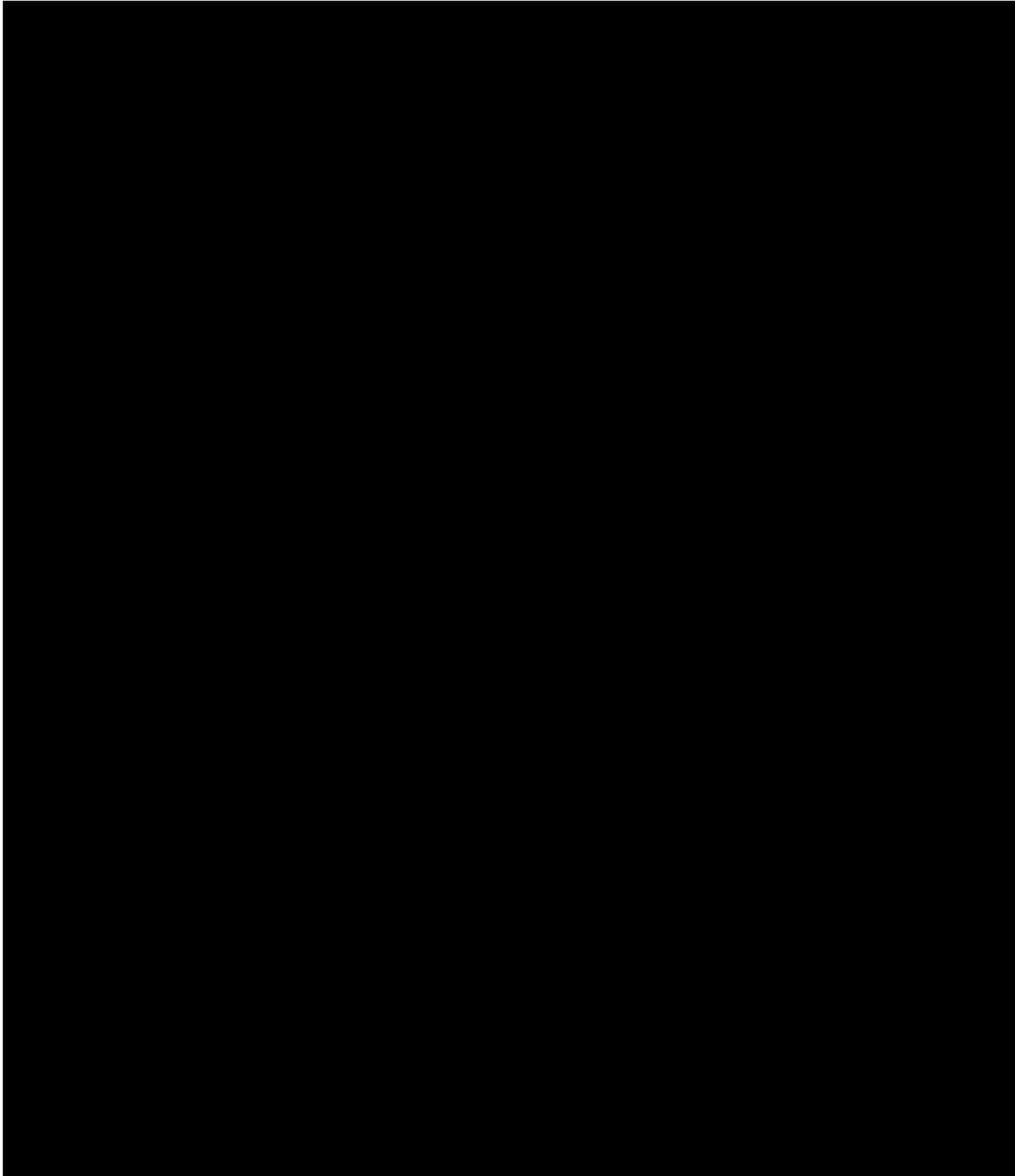
Classification: \_\_\_\_\_

Victor Iniguez, PE  
QA/QC Roadway





**Victor Iniguez, PE**  
QA/QC Roadway



## **Exhibit F**

**I-17-4299**

**A. Epstein and Sons International, Inc.**

### **Scope of Services**

Scope of Services for A. Epstein and Sons International, Inc. consists of QA/QC and assisting with plan preparation, specifications and cost estimate for the proposed improvements including, but not limited to, improvement of the Tri-State Tollway (I-294) between East West Connector (M.P. 29.1) and Roosevelt Road (M.P. 30.5), STA 1539+00 to STA 1613+00.

Items of work to be included in Epstein's scope of services include:

1. QA/QC - Roadway
2. INVEST
3. Roadway Design – Removal Plans Mainline
4. Erosion and Sediment Control & Landscaping – Mainline and Ramps

#### **QA/QC Review**

At each milestone submittal, a review of technical content will be performed for the following documents:

- Title and Signature Sheet
- Index of Drawings and List of Standards
- General Notes
- Suggested Progress Schedule
- Summary of Quantities
- Earthwork Summary Table
- Schedule of Quantities
- Alignment & Ties
- Typical Sections
- Maintenance of Traffic
- Existing Roadway & Removal Plans
- Proposed Roadway Plans
- Roadway Details
- Utility Matrix & Plans
- Existing Drainage & Removals
- Proposed Drainage Plans
- Drainage Profiles
- Drainage Details
- Pavement Jointing and Elevation Plans
- Grading Plans
- Landscaping and Fencing Plans
- Pavement Marking Plans
- Cross Sections
- Quantities
- Specifications
- Cost Estimate
- Design Calculations
- Stormwater Management Report

The QA/QC review is separate from the checking process which should be performed by each lead technical professional of each discipline. The QA/QC will consist of reviewing 2-D, PDF documents for coordination among disciplines, neatness, accuracy, completeness, Tollway standards are met, the intent of the DSE Manual is met, Tollway policies and procedures are being followed.

Quantity reviews will include spot checking quantities for a sample of pay items, spot checking equations for a sample of items, checking that all items are included, checking rounding, checking neatness, accuracy, completeness and coordination among disciplines of calculation sheets.

Design calculation reviews will include spot checking equations, methodology, accuracy, completeness, compliance with local regulations and coordination among disciplines.

Other plan sheets will be reviewed for coordination among disciplines, but not for technical content. Those include:

- Structure Plans
- Structural Details
- Boring Log Sheets
- Barrier Warrant Analysis
- Erosion Control Plans
- Signage and Striping Plans

The objectives of the QA/QC review are to minimize Tollway review time, reduce change orders during construction, and reduce schedule delays during construction.

Comments will be provided electronically through Bluebeam to the prime consultant. A Disposition of Comments will be reviewed with each subsequent submittal.

Submittals to be reviewed include:

- Concept Verification Technical Memorandum (30%)
- Contract Package 1 Preliminary (60%)
- Contract Package 1 Permit Submittals (If necessary)
- Contract Package 1 Pre-Final (95%)
- Contract Package 1 Final (100%)

#### **INVEST**

Provide support to prime consultant for INVEST evaluation for the incorporation of sustainable practices in to the design and construction of the project per the Tollway INVEST Project Development Manual Version 1.2. This task will provide the INVEST PIN (Project INVEST Scorecard) support at 30%, 60%, and 95% submittals.

#### **Roadway Design – Removal Plans Mainline**

Provide design for the demolition drawings, associated with the roadway proposed improvements. Include and identify roadway removal items within the project limits that will include removal of: pavements, shoulders, curbs, guard rails, utilities, fences, trees and landscape features. Bridge structure items, highway lighting, and overhead sign structure/signage demolition elements will be coordinated with those disciplines but not included in the roadway demolition plans. This task will provide the roadway removal plans



deliverables at 30%, 60%, 95%, and 100% submittals

**Erosion and Sediment Control & Landscaping – Mainline and Ramps**

Provide design of appropriate landscape and soil erosion and sedimentation control measures as required in accordance Tollway Erosion and Sediment Control Landscape Design Criteria Manual, including the ESC/Landscaping Special Provisions required. This task will provide the ESC/Landscaping design deliverables at 30%, 60%, 95%, and 100% submittals.

**Contingency / Additional Services**

Design contingency included for the potential of additional contract packaging. Assumes that the roadway improvements may be split into 2 contracts. Tasks affected by the contract packaging will be design elements for roadway demolition, erosion control and landscaping, INVEST PIN, and potential separation of the overall QA/QC comments.

**EXHIBIT G**

**Contract No. I-17-4299**

**A. Epstein and Sons International, 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>
12-4079D	Maintenance Facilities, Systemwide	\$7,288,013.00	\$589,582.52	3/1/2019
14-4202CM	Ardmore - M-7 CA	\$299,960.48	\$152,158.30	12/31/2018
16-4252CM	ESI - M-6 CA	\$299,994.85	\$297,827.04	12/31/2018
16-4267D	EDI - Maintenance Facilities, Site Design	\$1,579,917.00	\$1,579,917.00	7/1/2020
17-9202CM	ESG - JOC Program Management Support	\$80,000.00	\$80,000.00	7/1/2022
17-4304D	Design Upon Request	\$5,000,000.00	\$5,000,000.00	10/1/2022
17-4299D	Quigg Engineering - Tri-State EW Connector to Roosevelt Road	\$181,218.64	\$181,218.64	11/1/2022

**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	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Direct Labor</td> <td style="width: 10%;"></td> <td style="width: 60%; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Direct Costs</td> <td></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Services by Others</td> <td></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Additional Services **</td> <td></td> <td style="border-bottom: 1px solid black;"></td> </tr> <tr> <td>Total this Subconsultant (ULC)</td> <td style="text-align: right;">\$</td> <td style="border-bottom: 1px solid black; text-align: right;">-</td> </tr> </table>	Direct Labor			Direct Costs			Services by Others			Additional Services **			Total this Subconsultant (ULC)	\$	-
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Direct Costs		\$ -														
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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): \_\_\_\_\_

**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="border-bottom: 1px solid black; width: 40%;"></td> <td style="width: 30%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></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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\*\* 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: Material Service Testing, Inc.

Contract Number: I-17-4299

Proposal Date: 9/1/2017

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-17-4299 Consultant: Material Service Testing, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2017												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Coord & Meetings												3	3	6	
Project Management												2	2	4	
Geotechnical															
<b>TOTALS</b>													5	5	10

Grand Total Exhibit A Hours 770

Contract Number: I-17-4299 Consultant: Material Service Testing, Inc.

**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		
Coord & Meetings	3									3	3	3	3	24
Project Management	2	2	2	2	2	2	3	3	2	3	2	2	2	27
Geotechnical		160	160	160	160									640
<b>TOTALS</b>	5	162	165	162	165	2	6	3	5	6	5	5	5	691

Contract Number: I-17-4299 Consultant: Material Service Testing, 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		
Coord & Meetings		3		3		3								9
Project Management		2		3		2								7
Geotechnical				32		20								52
<b>TOTALS</b>		5		38		25								68











Contract No.: I-17-4299 Consultant: Material Service Testing, Inc.

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 7/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 6**

Date	Date	Date	Date	Date	Date
11/1/2017	6/30/2018	7/1/2018	6/30/2019	7/1/2019	6/30/2020
8.0	12.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0	60.0
13.33%	20.00%	20.00%	20.00%	20.00%	20.00%
Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period	Escalation Factor Sixth Period

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date
7/1/2022	10/31/2022				
4.0	60.0	60.0	60.0	60.0	60.0
6.67%					
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-17-4299 Consultant: Material Service Testing, Inc.

Date: 9/1/2017 Escalation Factor: 100.00%  
 (From Exhibit C-1)

<b>EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES</b>										<b><u>DIRECT COST</u></b> <b><u>OVERTIME PREMIUM</u></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 Estimated Work Hours:			Total Overtime Premium:		
							Escalated Average Hourly Rate for Classification (See Note B to Right)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	Total Estimated Work Hours:	Average Premium O/T Hourly Rate:	Total Overtime Premium:
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	6.00	770.00	20.00	790.00	\$30.00	\$600.00	
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	15.00						
No	Senior Engineer/Planner	\$40.00	\$70.00	\$60.00	\$60.00	18.00						
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									
Yes	Senior Technical Specialist	\$25.00	\$60.00	\$60.00	\$60.00	711.00				30.00		20.00
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									

Contract No.: I-17-4299

Consultant: Material Service Testing, Inc.

Date: 9/1/2017

Escalation Factor: 100.00%

(From Exhibit C-1)

<b>EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES</b>							<b>DIRECT COST</b>										
<p><b>Total Estimated Work Hours:</b> 770.00</p> <p><b>Average Hourly Rate:</b> \$59.62</p> <p><b>Total Direct Labor:</b> \$45,907.40</p>							<p><b>Estimated O/T Hours:</b> 20.00</p> <p><b>Average Premium O/T Hourly Rate:</b> \$30.00</p> <p><b>Total Overtime Premium:</b> \$600.00</p>										
<b>Classification Eligible for Premium Overtime?</b>	No	<b>Tollway Classification</b>	Admin/Clerical	<b>Tollway MINIMUM Hourly Rate for Classification</b>	\$8.25	<b>Tollway MAXIMUM Hourly Rate for Classification</b>	\$40.00	<b>Average Hourly Rate for Classification (See Note A to Right)</b>	\$35.00	<b>Escalated Average Hourly Rate for Classification (See Note B to Right)</b>	\$35.00	<b>Estimated Work Hours (Including Overtime)</b>	20.00	<b>Escalated Average Premium Overtime Hourly Rate (See Note C to Right)</b>		<b>Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)</b>	





Contract No.:           I-17-4299           Consultant:           Material Service Testing, 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**  
[http://www.illinoistollway.com/documents/10157/2389762/12\\_LG\\_TOLLWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_10012013.PDF](http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF)
  
- 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**

Drilling and Testing ( See attached sheet)  
\_\_\_\_\_  
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**TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)                      \$ 109,415.00**

# QA Testing Tasks and Descriptions - Tollway Projects 2017

1	<p>TSR</p> <p>Gyratory Compactor</p> <p>Gmm (Maximum Specific gravity)</p> <p>Gmb (Bulk specific gravity)</p> <p>Ignition oven (2)</p> <p>Washed Gradation</p> <p>Reflux extraction</p> <p>Gyratory Compactor</p> <p>TSR</p> <p>Gmm (Maximum Specific gravity)</p> <p>Gmb (Bulk specific gravity)</p> <p>Ignition oven (2)</p> <p>Washed Gradation</p> <p>Reflux extraction (3)</p> <p>Gyratory Compactor</p>	<p>ILLINOIS modified 03/01/09 AASHTO T283-02, ASTM D4867/D4867-08</p> <p>ILLINOIS modified 05/01/07 AASHTO T312-04, ASTM D6925-09</p> <p>ILLINOIS modified 04/01/08 AASHTO T209-05, ASTM D2041-03a</p> <p>ILLINOIS modified 03/01/10 AASHTOT 166-07 (Method A and C), ASTM D2726-10</p> <p>ILLINOIS modified 04/01/10 AASHTO T308-09, ASTM D6307-05(2010)</p> <p>ILLINOIS modified 11/01/96 AASHTO T30-93, ASTM D5444-08</p> <p>ILLINOIS modified 04/01/10 AASHTO T164-94, ASTM D2172-88</p> <p>ILLINOIS modified 05/01/07 AASHTO T312-04, ASTM D6925-09</p> <p>ILLINOIS modified 03/01/09 AASHTO T283-02, ASTM D4867/D4867-09</p> <p>ILLINOIS modified 04/01/08 AASHTO T209-05, ASTM D2041-03a</p> <p>ILLINOIS modified 04/01/10 AASHTO T166-07 (Method A and C), ASTM D2726-10</p> <p>ILLINOIS modified 04/01/10 AASHTO T308-09, ASTM D6307-05(2010)</p> <p>ILLINOIS modified 11/01/96 AASHTO T30-93, ASTM D5444-08</p> <p>ILLINOIS modified 04/01/10 AASHTO T164-94, ASTM D2172-88</p> <p>ILLINOIS modified 05/01/07 AASHTO T312-04, ASTM D6925-09</p> <p>ILLINOIS modified 03/01/09 AASHTO T283-02, ASTM D4867/D4867-09</p>	<p>\$1,363.00</p> <p>\$2,044.50</p> <p>\$1,363.00</p> <p>\$2,044.50</p> <p>\$1,881.00</p> <p>\$2,821.50</p>
3 (for N90 and N10S)	<p>TSR</p> <p>Gmm (Maximum Specific gravity)</p> <p>Gmb (Bulk specific gravity)</p> <p>Ignition oven (2)</p> <p>Washed Gradation</p> <p>Reflux extraction (3)</p> <p>Gyratory Compactor</p>	<p>ILLINOIS modified 04/01/10 AASHTO T166-07 (Method A and C), ASTM D2726-10</p> <p>ILLINOIS modified 05/01/07 AASHTO T312-04, ASTM D6925-09</p> <p>ILLINOIS modified 11/01/96 AASHTO T30-93, ASTM D5444-08</p> <p>ILLINOIS modified 04/01/10 AASHTO T164-94, ASTM D2172-88</p> <p>ILLINOIS modified 05/01/07 AASHTO T312-04, ASTM D6925-09</p> <p>ILLINOIS modified 03/01/09 AASHTO T283-02, ASTM D4867/D4867-09</p>	<p>\$1,700.00</p> <p>\$1,755.00</p>
4	<p>TSR</p> <p>Gmm (Maximum Specific gravity)</p> <p>Gmb (Bulk specific gravity)</p> <p>Gyratory Compactor</p> <p>Washed Gradation</p> <p>Gibson Shaker</p>	<p>ILLINOIS modified 04/01/08 AASHTO T209-05, ASTM D2041-03a</p> <p>ILLINOIS modified 04/01/10 AASHTO T166-07 (Method A and C), ASTM D2726-10</p> <p>ILLINOIS modified 05/01/07 AASHTO T312-04, ASTM D6925-09</p> <p>ILLINOIS modified 11/01/96 AASHTO T30-93, ASTM D5444-08</p> <p>ILLINOIS modified 04/01/10 AASHTO T27-06, ASTM C136-06</p>	<p>\$151.00</p> <p>\$226.50</p>
5	<p>Draindown test</p> <p>Gmm (Maximum Specific gravity)</p> <p>Gyratory Compactor</p>	<p>AASHTO T305-09, ASTM D6390-05 (2010)</p> <p>ILLINOIS modified 04/01/08 AASHTO T209-05, ASTM D2041-03a</p> <p>ILLINOIS modified 05/01/07 AASHTO T312-04, ASTM D6925-09</p>	<p>\$487.00</p> <p>\$730.50</p>
6	<p>Gmm (Maximum Specific gravity)</p> <p>Gmb (Bulk specific gravity)</p> <p>Splitting HMA sample</p> <p>Reflux extraction</p> <p>Splitting HMA sample</p>	<p>ILLINOIS modified 04/01/10 AASHTO T166-07 (Method A and C), ASTM D2726-10</p> <p>AASHTO R47</p> <p>ILLINOIS modified 04/01/10 AASHTO T164-94, ASTM D2172-88</p> <p>AASHTO R47</p>	<p>\$288.00</p> <p>\$402.00</p>
7	<p>Gmm (Maximum Specific gravity)</p> <p>Gmb (Bulk specific gravity)</p> <p>Splitting HMA sample</p> <p>Reflux extraction</p> <p>Splitting HMA sample</p> <p>Gmm (Maximum Specific gravity)</p>	<p>ILLINOIS modified 04/01/08 AASHTO T209-05, ASTM D2041-03a</p> <p>ILLINOIS modified 04/01/10 AASHTO T166-07 (Method A and C), ASTM D2726-10</p>	<p>\$219.00</p> <p>\$328.50</p>

9	Splitting HMA sample Gmb (Bulk specific gravity)	AAASHTO R47 ILLINOIS modified 04/01/10 AASHTO T166-07 (Method A and C), ASTM D2726-10	\$200.00	\$300.00
10	Splitting HMA sample Ignition oven	AAASHTO R47 ILLINOIS modified 04/01/10 AASHTO T308-09, ASTM D6307-05(2010)	\$155.00	\$232.50
11	Splitting HMA sample Ignition oven	AAASHTO R47 ILLINOIS modified 04/01/10 AASHTO T308-09, ASTM D6307-05(2010)	\$180.00	\$270.00
12	Washed Gradation	ILLINOIS modified 11/01/96 AASHTO T30-93, ASTM D5044-08		
13	Nuclear asphalt content	ASTM D2950-81	\$254.00	\$381.00
14	TSR			
15	ILLINOIS modified 03/01/09 AASHTO T283-02, ASTM D4867/D4867-09		\$557.00	\$835.50
16	Gmm (Maximum Specific Gravity)	ILLINOIS modified 04/01/08 AASHTO T209-05, ASTM D2041-03a	\$219.00	\$328.50
17	Gmb (Bulk specific gravity)	ILLINOIS modified 04/01/10 AASHTO T166-07 (Method A and C), ASTM D2726-10	\$200.00	\$300.00
18	Reflux extraction	ILLINOIS modified 04/01/10 AASHTO T164-94, ASTM D2172-88	\$268.00	\$402.00
19	Gravitry Compactor	ILLINOIS modified 05/01/07 AASHTO T312-04, ASTM D6925-09	\$488.00	\$732.00
20	TSR	ILLINOIS modified 03/01/09 AASHTO T283-02, ASTM D4867/D4867-09		
21	Core density	ILLINOIS modified 04/01/10 AASHTO T166-07	\$67.00	\$100.50
22	Flow and stability	ILLINOIS modified 01/01/98 AASHTO T245-94, ASTM D4867/D4867M-09	\$231.00	\$346.50
23	Average rate for HMA level I technician	Per Hour	\$147.00	
24	Average rate for HMA level II technician	Per Hour	\$163.00	
25	Average rate for HMA level III technician	Per Hour	\$173.00	
26	Average rate for density technician	Per Hour	\$137.00	
27	Concrete breaks, cylinder (wet curing)	ILLINOIS modified 04/01/08 AASHTO T22-07, ASTM C39/C39M-10, ASTM C192	\$26.00	\$39.00
28	Concrete breaks, cylinder (dry curing)	ILLINOIS modified 04/01/08 AASHTO T22-07, ASTM C39/C39M-10	\$34.00	\$56.00
29	Beam braking: center point load (with curing)	ILLINOIS modified 04/01/09 AASHTO T177-03, ASTM C192, ASTM C78-08	\$44.00	\$66.00
30	Beam braking: third point load (with curing)	ILLINOIS modified 04/01/09 AASHTO T177-03, ASTM C192, ASTM C78-08	\$67.00	\$100.50
31	Average rate for concrete level I technician	Per Hour	\$147.00	
32	Average rate for concrete level II technician	Per Hour	\$163.00	
33	Washed Gradation	ILLINOIS modified 04/01/10 AASHTO T27-06, ASTM C136-06	\$165.00	\$247.50
34	Reducing sample size	ILLINOIS modified 04/01/10 AASHTO T248, ASTM C702-96(2003)		
35	Particle size analysis	AAASHTO T85-00 (2008), ASTM D422-63(2007)	\$252.00	\$378.00
36	Coarse aggregate specific gravity	ILLINOIS modified 04/01/10 AASHTO T85-08, ASTM C127-07	\$205.00	\$307.50
37	Fine aggregate specific gravity	ILLINOIS modified 04/01/10 AASHTO T84-09, ASTM C128-07a	\$259.00	\$388.50
38	Fine Aggregate specific gravity verification	ILLINOIS modified 04/01/10 AASHTO T84-09, ASTM C128-07a	\$283.00	\$424.50
39	Coarse Aggregate specific gravity verification	ILLINOIS modified 04/01/10 AASHTO T85-08, ASTM C127-07	\$283.00	\$424.50
40	RAP specific gravity	ILLINOIS modified 04/01/10 AASHTO T85-08, ASTM C127-07	\$208.00	\$312.00
41	RAS specific gravity	District 1 Method	\$209.00	\$313.50
42	Slag counts	Ignition test plus count	\$229.00	\$343.50
43	Modified proctor	ILLINOIS modified 04/01/10 AASHTO T180-09, ASTM D1557-09	\$397.00	\$595.50
44	Aggregate technician (5-day)	Per Hour	\$158.00	
45	Standard proctor	ILLINOIS modified 04/01/10 AASHTO T99-09(2004), ASTM D698-07a1	\$312.00	\$468.00
46	Liquid limits	AAASHTO T99-02(2006), ASTM D4318-10	\$155.00	\$232.50
47	Plastic limits	AAASHTO T90-00(2008), ASTM D4318-10	\$206.00	\$309.00
48	Hydrometer analysis	AAASHTO T86-00(2008), ASTM D422-63(2007)		
49	Soil technician	Per Hour	\$158.00	
50	Laboratory technician	Per Hour	\$158.00	
51	Source inspector	Per Hour	\$176.00	
52	Sample pick-up	Per CECS		

45	Core cutting (including traffic control)	Actual Cost (requires 2-3 quotes)	
46	Core cutting	Actual Cost (requires 2-3 quotes)	
47	Core cutting under 12"	Per Core	\$170.00 \$255.00
48	Core cutting over 12"	Per Core	\$198.00 \$297.00
49	Core sawing	Concrete and Bituminous - Per Linear Foot	\$76.00 \$114.00
50	Project manager	Per Hour	\$173.00
51	Mileage	Per Mile	
52	Vehicle cost (daily)- per Tollway allowable direct costs	Per Day	\$65.00
53	Average overtime rate	1.5 times hourly rate	
54	Average overtime rate (holidays and Sundays)	2.0 times hourly rate	
55	Average cost for labor outside standard work day		
56	Nuclear Density Gauge	Per Day	\$95.00
57	Micro-Deval Abrasion Test	ASTM D6928, ASTM D7428	\$391.00 \$586.50
58	Hamburg Wheel w/mix design	AASHTO T324	\$1,286.00 \$1,854.00
59	Hamburg Wheel w/2 mix design	AASHTO T324	\$1,288.00 \$1,932.00
60	Hamburg Wheel on prepared sample	AASHTO T324	\$773.00 \$1,159.50
61	Hamburg Wheel on pavement core	AASHTO T324	\$876.00 \$1,314.00
62	Polarized Light Microscopy (PLM)	EPA 6--/R-99/116 (by a NIST Accredited Laboratory) - Per Sample	\$39.00 \$58.50
63	Organic Content by Wet Combustion	AASHTO T 194	\$92.00 \$138.00
64	PGE Gradation Test - washed or dry		\$347.00 \$520.50
65	Concrete breaks: Light Weight Cellular Concrete	ASTM C-495	\$52.00 \$78.00
66	Shotcrete Panel Coring	Per Panel	\$300.00 \$450.00
67	Shotcrete Panel Core Compressive Strength Testing	Per Core	\$57.00 \$85.50
68	Determination of Applied Prime	Per Test	\$155.00 \$232.50
69	Moisture Content	AASHTO T265	\$20.00 \$30.00
70	Unconfined Compressive Strength Test	AASHTO T208	\$50.00 \$75.00
71	Unconsolidated Undrained Triaxial Test	AASHTO T296	\$500.00 \$750.00
72	Consolidated Undrained Triaxial Test	ASTM D-4767 - Includes 3 points	\$900.00 \$1,350.00
73	One Dimensional Consolidation Test	AASHTO T716	\$250.00 \$375.00
74	Drilling of Soil Borings		\$44,875.00
75	CBR	ASTM D-1183	\$525.00 \$787.50
<b>Total</b>			<b>\$109,415.00</b>

## ALLOWABLE DIRECT COSTS

**10.01.2013**

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
<b>Vehicles</b>	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>**
- **\*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.**
- **On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."**

Contract No.: I-17-4299

Consultant: Material Service Testing, 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-17-4299**

**Material Service Testing, Inc.**

### SCOPE OF SERVICES

#### Scope of Work

Material Service Testing, Inc. (MST) scope of services consists of preparing a geotechnical investigation, subsurface utility exploration, laboratory testing program, and Soil Survey Report for the roadway, retaining wall, and noise wall design on I-294 between MP 29.1 and MP 30.5. Also, includes providing assistance/support with SGR's. All work shall be in accordance with the Tollway Geotechnical Manual.

This scope is based off the following assumptions:

Existing retaining Walls will not be included in geotechnical scopes of services.

Phase I soil reports will be reviewed for content and incorporated into proposed geotechnical survey.

Improvements will include 6 ITS gantries within contract limits and 2 IPDC Facility.

Roadway Lighting will be designed using helical foundations.

A flex lane will be added in both directions of traffic.

Per Tollway Geotechnical Manual Triaxial Shear Testing is not included

2 Overhead Sign Truss locations

Stability borings not required

The work will consist of the following items:

#### Northbound ( MP 30.35 to 30.5)

Retaining Wall TS30.45R, NB: New Retaining Wall, Length = 292 ft and Height = 10 ft. CIP

Soil Borings @ 20 ft deep.

Noise Wall TS30.45N, NB: New Noisewall, Length = 415 ft and Height = 13 ft.

Soil Borings @ 30 ft deep.

Pavement Borings

Mainline Soil Borings @ 10 ft deep

Soil Borings - inside sholder/flex lane @ 10 ft

Environmental

Soil Borings @ 15 ft deep

ITS Gantry

3 Soil Borings per Structure @ 30 ft deep

IPDC Facility

Soil Broings @ 15 ft deep

Overhead Sign Truss

Soil Borings @ 30f ft deep

#### Southbound ( MP 30.00 to 30.45 )

Noise Wall TS29.00N, SB: New Noisewall, Length = 2679 ft and Height = 19.4 ft

Soil Borings @ 40 ft

Noise Wall TS30.45N, SB: New Noisewall, Length = 355 ft and Height = 13 ft

Soil Borings @ 30 ft deep

Pavement Borings

Mainline Soil Borings @ 10 ft deep

Soil Borings - inside sholder/flex lane @ 10 ft

ITS Gantry

3 Soil Borings per Structure @ 30 ft deep



**EXHIBIT G****Contract No. I-17-4299****Material Service Testing, 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>
I-13-4626	EOWA: I-290 to IL 83	\$339,584.85	\$56,164.27	11/30/2017
RR-14-4200	Maintenance Facilities M-2, M-14	\$54,000.00	\$30,808.62	12/31/2018
I-15-4655	Elgin O'Hare Western Access: US 20 to Rt. 83	\$508,373.00	\$63,10.58	11/30/2018
I-15-4659	Elgin O'Hare Western Access: Design and Const Mgmt	\$65,000.00	\$65,000.00	12/31/2018
I-15-4241	Const Mgmt Services Upon Request	\$179,139.38	\$1,789.06	12/31/2017
RR-14-5705	Construction Management Service Upon Request	\$345,656.01	\$32,516.87	12/31/2018
I-14-4645	EOWA: Lively Blvd to York Road	\$415,000.50	\$10,581.99	9/30/2017
RR-14-4195	Materials Engineering Services Upon Request	\$562,500.00	\$191,907.10	1/1/2020
I-14-4186	I-90 Roadway Retaining Wall and Bridge Reconstruction and Widening MP 73.3 to MP 76.6	\$617,340.00	\$8,577.90	10/30/2016
I-14-4252	Systemwide Maintenance Facilities	\$200,000.00	\$187,595.29	5/31/2019
I-11-4020	Elgin O'Hare Western Access: I-90 at Elmhurst Road	\$847,672.00	\$133,772.38	11/30/2017
I-17-4299	Tri-State Tollway-Roadway Reconstruction EW Connector	Contract Pending		
I-17-4315	Tri-State Tollway- CM Upon Request	\$250,000.00		9/30/2022
I-17-4681	EOWA at IL 19	Contract Pending		
RR-17-9292	Job Order Contracting	Contract Pending		
RR-16-4682	Russell Road to Lake Cook Road	Contract Pending		
RR-16-4253	Reagan Memorial Tollway: IL 251 to Annie Glidden Rd	Contract Pending		
C-91-667-10	IL 19 at York Rd Bensenville	\$576,107.00	\$123,941.84	11/30/2017
C-91-014-14	IS 30: Il 59 to I-55	\$311,164.00	\$56,550.11	11/30/2017
C-91-007-15	US 41 at IL 132	\$98,693.00	\$98,693.00	9/30/2017
C-91-013-14	US 6: Will Cook to W of US Rt. 45	\$520,422.00	\$338,402.05	11/30/2017
C-91-124-15	IL 171 (Archer Ave): 47th St to 55th St. Bridge at I-55	\$283,500.00	\$27,355.08	11/30/2017
C-91-011-16	Var Intersection Impr IL 53 for High Speed Raid	\$174,409.61	\$80,105.57	12/31/2017
C-91-229-16	I-90 at I-290/Congress	\$299,467.00	\$268,644.67	10/31/2018
C-91-473-16	Various QA for AGG/HMA/PCC	\$300,000.00	\$261,579.79	TBD

**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				6			
	Direct Labor	_____			Direct Labor	_____	
	Direct Costs	_____			Direct Costs	\$ _____	
	Services by Others	_____			Services by Others	\$ _____	
	Additional Services **	_____			Additional Services **	\$ _____	
	Total this Subconsultant (ULC)	\$ _____	-		Total this Subconsultant (ULC)	\$ _____	-
2				7			
	Direct Labor	_____			Direct Labor	_____	
	Direct Costs	_____			Direct Costs	\$ _____	
	Services by Others	_____			Services by Others	\$ _____	
	Additional Services **	_____			Additional Services **	\$ _____	
	Total this Subconsultant (ULC)	\$ _____	-		Total this Subconsultant (ULC)	\$ _____	-
3				8			
	Direct Labor	_____			Direct Labor	_____	
	Direct Costs	\$ _____	-		Direct Costs	\$ _____	-
	Services by Others	\$ _____	-		Services by Others	\$ _____	-
	Additional Services **	\$ _____	-		Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-		Total this Subconsultant (ULC)	\$ _____	-
4				9			
	Direct Labor	_____			Direct Labor	_____	
	Direct Costs	\$ _____	-		Direct Costs	\$ _____	-
	Services by Others	\$ _____	-		Services by Others	\$ _____	-
	Additional Services **	\$ _____	-		Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-		Total this Subconsultant (ULC)	\$ _____	-
5				10			
	Direct Labor	_____			Direct Labor	_____	
	Direct Costs	\$ _____	-		Direct Costs	\$ _____	-
	Services by Others	\$ _____	-		Services by Others	\$ _____	-
	Additional Services **	\$ _____	-		Additional Services **	\$ _____	-
	Total this Subconsultant (ULC)	\$ _____	-		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	<hr/>		
	Direct Labor	<u>                    </u>	
	Direct Costs	<u>                    </u>	
	Services by Others	<u>                    </u>	
	Additional Services **	<u>                    </u>	
	Total this Subconsultant (ULC)	\$ <u>                    </u>	-

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

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

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

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

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

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

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

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

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

\*\* 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:                     **AMES Engineering, Inc.**                    

Contract Number:                     **I-17-4299**                    

Proposal Date:                     **9/1/2017**                    

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-17-4299

Consultant: AMES Engineering, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2017												Grand Total Exhibit A Hours	TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	566	
Coordination & Meetings													1	1
Project Management													1	1
Concert Verification													5	5
QA/QC														
Barrier Warrant Analysis													27	27
<b>TOTALS</b>													34	33
														67

Contract Number: I-17-4299

Consultant: AMES Engineering, Inc.

**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	
Coordination & Meetings		1	1	1	1	1	1	1	1	1	1	1	10
Project Management	1	1	1	1	1	1	1	1	1	1	1	2	13
Concet Verification	6												6
QA/QC	1	1	1	1	1	1	1	2	2	2	2	2	17
Barrier Warrant Analysis	25	25	25	25	25	25	25	25	25	25	25	25	300
<b>TOTALS</b>	<b>33</b>	<b>28</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>346</b>

Contract Number: 1-17-4299

Consultant: AMES 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	
Coordination & Meetings		1	1	1	1	1							5
Project Management	2	2	2	2	2	2							12
Concept Verification													
QA/QC	2	2	2	2	2	2							12
Barrier Warrant Analysis	25	25	25	16	16	15							122
<b>TOTALS</b>	29	30	30	21	21	20							151

Contract Number: I-17-4299

Consultant: AMES 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	
Coordination & Meetings													
Project Management													
Concet Verification													
QA/QC													
Barrier Warrant Analysis													
<b>TOTALS</b>													<b>0</b>





Contract Number: 1-17-4299

Consultant: AMES Engineering, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2022												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Coordination & Meetings													
Project Management										1			1
Concet Verification													
QA/QC													
Barner Warrant Analysis													
<b>TOTALS</b>										1			1



Contract No.: I-17-4299

Consultant: AMES Engineering, Inc.

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 1/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date	Date	Date
11/1/2017	12/31/2017	1/1/2018	12/31/2018	1/1/2019	12/31/2019	1/1/2020	12/31/2020
2.0		12.0		12.0		12.0	
60.0		60.0		60.0		60.0	
3.33%		20.00%		20.00%		20.00%	
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
1/1/2022	10/31/2022				
10.0					
60.0		60.0		60.0	
16.67%					
Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period	

The escalation factor for this project is: 100.00%

Contract No.: 1-17-4299

Consultant: AMES Engineering, Inc.

Date: 9/1/2017

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>			
							Total Estimated Work Hours:	585.00	Total Estimated O/T Hours:	
							Average Hourly Rate:	\$46.26	Average Premium O/T Hourly Rate:	
							Total Direct Labor	\$26,136.90	Total 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							
No	Project Manager	\$40.00	\$70.00							
No	Senior Engineer/Planner	\$40.00	\$70.00							
No	Resident Engineer	\$40.00	\$70.00							
No	Project Engineer/Planner	\$25.00	\$60.00	\$50.88	\$50.88	410.00				
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	\$34.04	\$34.04	155.00				
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							





## ALLOWABLE DIRECT COSTS

10.01.2013

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>
- \*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: I-17-4299

Consultant: AMES 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-17-4299**

**AMES Engineering, Inc.**

**SCOPE OF SERVICES**

**Scope of Work**

Ames Engineering, Inc. (AEI) scope of services consists of preparing plans and specifications for the rehabilitation of existing guardrail system or installation of new guardrail system at various locations. All PS&E shall meet Tollway DSE Manual including phase submittals for concept, pre-final and final.

**EXHIBIT G****Contract No. I-17-4299****AMES 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>
Tollway PSB 13-4, Item RR	Lighting, Roadway Design, ITS	\$560K	\$91K	2018
Tollway PSB 14-3, Item 7 RR 14-5704	Various/Construction Inspection	\$340K	\$19K	2017
Tollway PSB 15-2, Item 3 I- 15-4655	Construction Inspection	\$450K	\$24K	2017
Tollway PSB 17-2, Item 8 RR 16-4276	Phase II	\$100K	\$100K	2018
Tollway PSB 17-2, Item1 I-17-4274	Phase II	\$121K	\$121K	2019
Tollway PSB 17-3, Item 2 I-17- 4297	Phase II	Pending Negotiations	TBD	2022
Tollway PSB 17-3, Item 3 I-17- 4298	Phase II	Pending Negotiations	TBD	2022
Tollway PSB 17-3, Item 4 I-17- 4299	Phase II	Pending Negotiations	TBD	2022
Tollway PSB 17-3, Item 7 I-17- 4302	Phase II	Pending Negotiations	TBD	2022
Tollway PSB 17-3, Item 17 RR 16-4282	Construction Inspection	Pending Negotiations	TBD	TBD
Tollway PSB 17-3, Item 24 I- 17-4682	Construction Inspection Upon Request	Pending Negotiations	TBD	2020
IDOT-2 PTB 162, Item 21 C-92-041- 12	Various/Construction Inspection	\$116K	\$30K	2017

IDOT-1 PTB 162, Item 1 D-91- 376-14	Lightingm Pavement Marking, Signing, ADA Ramps	\$98K	\$1K	2017
IDOT-1 PTB 163, Item 17 D-91-268- 12	Phase II	Pending Negotiations	TBD	TBD
IDOT-1 PTB 164, Item 4 D-91-424- 12	Lighting/Traffic Signals	\$44K	\$10K	2017
IDOT-1 PTB 165, Item 8 D-91-12-13	Lighting/Traffic Signals	\$125K	\$15K	2017
IDOT-1 PTB 167, Item 14 D-91-177- 13	Civil/Ligjting Phase II	\$148K	\$61K	On Hold
IDOT-1 PTB 169, Item 3 D-91-010- 14	Lighting	\$40K	\$1K	2017
IDOT-1 PTB 169, Item 16 D-91-424- 13	Lighting	\$49K	\$38K	2017
IDOT-1 PTB 170, Item 2 D-91-116- 14	Lighting	\$13K	\$2K	2016
IDOT-1 PTB 174, Item 7 D-91-101- 15	Various Phase II	\$236K	\$1K	2017
IDOT-1 PTB 177, Item 5 D-91-013- 16	Traffic Control and Signage Review	\$240K	\$203K	2019
IDOT-1 PTB 178, Item 6 D-91-119- 16	Phase I, II and III Plan Review	\$417K	\$45K	2018
IDOT-1 PTB 181, Item5 D-91- 477-16	Lighting	\$28K	\$28K	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	<table border="0" style="width: 100%;"> <tr><td>Direct Labor</td><td>_____</td><td></td></tr> <tr><td>Direct Costs</td><td>_____</td><td></td></tr> <tr><td>Services by Others</td><td>_____</td><td></td></tr> <tr><td>Additional Services **</td><td>_____</td><td></td></tr> <tr><td>Total this Subconsultant (ULC)</td><td>\$ _____</td><td style="text-align: right;">-</td></tr> </table>	Direct Labor	_____		Direct Costs	_____		Services by Others	_____		Additional Services **	_____		Total this Subconsultant (ULC)	\$ _____	-	6	<table border="0" style="width: 100%;"> <tr><td>Direct Labor</td><td>_____</td><td></td></tr> <tr><td>Direct Costs</td><td>\$ _____</td><td style="text-align: right;">-</td></tr> <tr><td>Services by Others</td><td>\$ _____</td><td style="text-align: right;">-</td></tr> <tr><td>Additional Services **</td><td>\$ _____</td><td style="text-align: right;">-</td></tr> <tr><td>Total this Subconsultant (ULC)</td><td>\$ _____</td><td style="text-align: right;">-</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 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 (NQT DBE/MBE/WBE)**

1	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Direct Labor</td> <td style="border-bottom: 1px solid black; width: 40%;"></td> <td style="width: 30%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></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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\*\* 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: d'Escoto Inc.

Contract Number: I-17-4299

Proposal Date: 9/1/2017

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-17-4299 Consultant: d'Escoto Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2017												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification											12	16	28
Drainage													
Coord & Meetings											8		8
Project Management													
<b>TOTALS</b>											20	16	36

Grand Total Exhibit A Hours **410**

Contract Number: I-17-4299 Consultant: d'Escoto Inc.

**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		
Concept Verification	30													30
Drainage		20	20	20	20	20	20	20	16	16	20	20	20	212
Coord & Meetings		8					8						8	24
Project Management			8					8					8	24
<b>TOTALS</b>	30	28	28	20	20	20	28	28	16	16	28	28	28	290

Contract Number: I-17-4299 Consultant: d'Escoto 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 Verification																
Drainage	16	16	20	24												76
Coord & Meetings																
Project Management			7													7
<b>TOTALS</b>	<b>16</b>	<b>16</b>	<b>27</b>	<b>24</b>												<b>83</b>

Contract Number: 1-17-4299 Consultant: d'Escoto 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 Verification														
Drainage														
Coord & Meetings														
Project Management														
<b>TOTALS</b>														

Contract Number: I-17-4299 Consultant: d'Escoto Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2021												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Concept Verification															
Drainage															
Coord & Meetings															
Project Management															
<b>TOTALS</b>															0

Contract Number: I-17-4299 Consultant: d'Escoto Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2022												TOTAL HOURS			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Concept Verification																
Drainage																
Coord & Meetings																
Project Management										1						1
<b>TOTALS</b>																1



Contract No.: 1-17-4299  
 Date: 9/1/2017

Consultant: d'Escoto Inc.

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 1/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date	Date
11/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021		
2.0	12.0	12.0	12.0	12.0		
60.0	60.0	60.0	60.0	60.0		
3.33%	20.00%	20.00%	20.00%	20.00%		
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
1/1/2022 - 10/31/2022						
10.0						
60.0	60.0	60.0	60.0	60.0	60.0	60.0
16.67%						
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-17-4299 Consultant: d'Escoto Inc.

Date: 9/1/2017

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 O/T Hours:	Premium O/T Hourly Rate:			
No	Principal	\$50.00	\$70.00			410.00					
No	Project Manager	\$40.00	\$70.00	\$67.46	\$67.46						
No	Senior Engineer/Planner	\$40.00	\$70.00								
No	Resident Engineer	\$40.00	\$70.00								
No	Project Engineer/Planner	\$25.00	\$60.00	\$50.13	\$50.13	153.00					
No	Staff Engineer/Planner	\$20.00	\$40.00	\$31.90	\$31.90	177.00					
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								
Total Direct Labor							\$18,712.40				
Total Estimated Work Hours:							410.00				
Average Hourly Rate:							\$45.64				
Escalated Average Premium Overtime Hourly Rate (See Note C to Right)											
Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)											

Contract No.: I-17-4299 Consultant: d'Escoto Inc.

Date: 9/11/2017 Escalation Factor: 100.00%  
 (From Exhibit C-1)

<b>EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES</b>							<b>DIRECT COST</b>	
<p><b>Total Estimated Work Hours:</b> 410.00</p> <p><b>Average Hourly Rate:</b> \$45.64</p> <p><b>Total Direct Labor:</b> \$18,712.40</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>	
<p><b>Classification Eligible for Premium Overtime?</b></p> <p>No</p>	<p><b>Tollway Classification</b></p> <p>Admin/Clerical</p>	<p><b>Tollway MINIMUM Hourly Rate for Classification</b></p> <p>\$8.25</p>	<p><b>Tollway MAXIMUM Hourly Rate for Classification</b></p> <p>\$40.00</p>	<p><b>Average Hourly Rate for Classification (See Note A to Right)</b></p>	<p><b>Escalated Average Hourly Rate for Classification (See Note B to Right)</b></p>	<p><b>Estimated Work Hours (Including Overtime)</b></p>	<p><b>Escalated Average Premium Overtime Hourly Rate (See Note C to Right)</b></p>	<p><b>Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)</b></p>

Contract No.: I-17-4299

Consultant: d'Escoto Inc.

Date: 9/1/2017

**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	Design Manager	Travis Kluegel	\$40 - \$70
Senior Engineer/Planner			\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Design Project Manager I	Eric Dean	\$25 - \$60
Staff Engineer/Planner	Staff Engineer I	Cody Suba	\$20 - \$40
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-17-4299 Consultant: d'Escoto 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**  
[http://www.illinoistollway.com/documents/10157/2389762/12\\_LG\\_TOLLWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_10012013.PDF](http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF)
  
- 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)                    \$                    230.00**

## ALLOWABLE DIRECT COSTS

**10.01.2013**

Effective for contracts awarded on or after October 1, 2013; the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>
- \*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: I-17-4299

Consultant: d'Escoto 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-17-4299**

**d'Escoto Inc.**

### **SCOPE OF SERVICES**

#### **Scope of Work:**

d'Escoto, Inc. (DEI) scope of services consists of assisting in the preparing plans, specifications, and estimates for the drainage work under Contract I-17-4299. All PS&E shall meet Tollway DSE Manual submission requirements.

#### **Assumptions:**

1. Scope: The entire project will be constructed in one contract.
2. Contingency will only include additional contract packaging.
3. For Concept Verification, assume that only the design of the selected alternative depicted in the Master Plan documents. This does not include any alternative analyses for any disciplines. The alternatives have already been analyzed in the MP documents.
4. The existing drainage system will be televised under a different contract by others and provided to us. No field inspection of existing drainage features will be required.
5. There is no drainage design required, analysis of alternatives, detention design, etc.
6. Drainage work is limited to median structure adjustments, and a small amount of new storm sewer and just a few new structures.

#### **The work will consist of the following items:**

- a. Review of Concept Drainage Report
- b. Drainage Removal and Existing Utility Plans.
- c. Proposed drainage plan and profile sheets, specifications, quantities, and estimates.
- d. Review of tollway standard details and addition of any additional detail sheets.
- e. Attend Review and Coordination meetings as required.
- f. Design coordination with DuPage County stormwater management offices.



**EXHIBIT G**

Contract No. I-17-4299

d'Escoto 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>
I-11-4013	Program Management (HNTB)	\$2,132,970.00	\$300,637.00	8/15/2017
I-14-4186	I-90 Construction Mgmt (Burns McD)	\$933,346.00	\$245,223.00	11/30/2017
I-14-4656	EOWA, I-294 to I-90 Tri-state (Benesch)	\$489,929.00	\$428,868.00	5/31/2019
I-17-4299	EW Connector Reconstruction (Quigg)	TBD	TBD	TBD
I-17-4301	St. Charle Road to North Ave (Benesch)	TBD	TBD	TBD
I-17-4304	Tri-State Tollway DUR (Epstein)	\$208,870.00	\$208,870.00	12/31/2019
P-88-024-14	CDOT Street Cycling Ph IV (Benesch)	\$125,619.00	\$120,089.00	
RR-14-4200	Tollway Maintenance Facilities	\$600,000.00	\$131,337.00	4/30/2019
RR-16-4253	I-88 Phase II (Lochmueller)	\$334,331.00	\$144,218.00	3/31/2018
RR-16-4254	Annie Glidden Road (Prime)	TBD	TBD	TBD
RR-16-4256	I-355 Phase II (Patrick Eng.)	\$293,503.00	\$238,385.00	2/28/2018
RR-16-4275	Roadway and Bridge Recon (Ciorba)	\$755,000.00	\$755,000.00	12/31/2020
RR-17-4314	Pavement & Structural Recon (HOH)	TBD	TBD	TBD
PTB 164-11	D-2 Various Phase I/II (Quigg)	\$0.00	\$0.00	12/31/2017
PTB 169-05	D-1 Phase I Various (Rempe Sharpe)	\$230,210.00	\$20,720.00	11/30/2017
PTB162-020	D-2 Var/Var Phase III CM (Prime)	\$1,600,000.00	\$128,000.00	11/30/2017
PTB175-017	ADA Ramp Design Phase II (BurnsMcD)	\$19,959.00	\$19,959.00	12/31/2017
PTB176-04	Various Phase I Projects (Benesch)	\$138,189.00	\$138,189.00	12/31/2020
PTB182-008	Various Various Phase III CM	\$500,000.00	\$500,000.00	12/31/2020

**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	<table border="0"> <tr><td>Direct Labor</td><td>_____</td><td></td></tr> <tr><td>Direct Costs</td><td>_____</td><td></td></tr> <tr><td>Services by Others</td><td>_____</td><td></td></tr> <tr><td>Additional Services **</td><td>_____</td><td></td></tr> <tr><td>Total this Subconsultant (ULC)</td><td>\$ _____</td><td>-</td></tr> </table>	Direct Labor	_____		Direct Costs	_____		Services by Others	_____		Additional Services **	_____		Total this Subconsultant (ULC)	\$ _____	-	6	<table border="0"> <tr><td>Direct Labor</td><td>_____</td><td></td></tr> <tr><td>Direct Costs</td><td>\$ _____</td><td>-</td></tr> <tr><td>Services by Others</td><td>\$ _____</td><td>-</td></tr> <tr><td>Additional Services **</td><td>\$ _____</td><td>-</td></tr> <tr><td>Total this Subconsultant (ULC)</td><td>\$ _____</td><td>-</td></tr> </table>	Direct Labor	_____		Direct Costs	\$ _____	-	Services by Others	\$ _____	-	Additional Services **	\$ _____	-	Total this Subconsultant (ULC)	\$ _____	-
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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: Civiltech Engineering, Inc.

Contract Number: I-17-4299

Proposal Date: 9/1/2017

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: 1-17-4299

Consultant: \_\_\_\_\_

Civiltech Engineering, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2017												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Coord & Meetings											9	9	18
Concept Verification											20	30	50
MOT													
Project Management											5	5	10
<b>TOTALS</b>											34	44	78

Grand Total Exhibit A Hours 2,262

Contract Number: 1-17-4299

Consultant: Civiltech Engineering, Inc.

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		
Coord & Meetings	9	9	9	9	9	9	9	9	9	9	9	9	9	108
Concept Verification	30													30
MOT		110	110	110	110	115	115	115	115	115	115	115	112	1242
Project Management	5	5	5	5	5	5	5	5	5	5	5	5	5	60
<b>TOTALS</b>	44	124	124	124	124	129	129	129	129	129	129	129	126	1440

Contract Number: 1-17-4299 Consultant: Civiltech 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	
Coord & Meetings	9	9	9	9	9	9							54
Concept Verification													
MOT	110	110	110	110	110	110							660
Project Management	5	5	5	5	5	4							29
<b>TOTALS</b>	124	124	124	124	124	123							743

Contract Number: 1-17-4299 Consultant: Civiltech 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			
Coord & Meetings															
Concept Verification															
MOT															
Project Management															
<b>TOTALS</b>															0



Contract Number: 1-17-4299

Consultant: Civiltech Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2021												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Coord & Meetings															
Concept Verification															
MOT															
Project Management															
<b>TOTALS</b>															0

Contract Number: 1-17-4299 Consultant: Civiltech Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2022												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Coord & Meetings													
Concept Verification													
MOT													
Project Management									1				1
<b>TOTALS</b>										1			1

Contract No.: I-17-4299

Consultant: Civiltech Engineering, Inc.

**EXHIBIT B: FEE CALCULATIONS**

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

<u>2,262.00</u> <small>(Total Work Hours from Exhibit C-2)</small>	X	<u>\$ 42.42</u> <small>(Average Hourly Rate from Exhibit C-2)</small>	=	<b>TOTAL DIRECT SALARY</b>	<b>\$ <u>95,954.04</u></b>
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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**     \$ 268,671.31

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

(For Prime Consultant listed above.)

**TOTAL DIRECT COSTS**     \$ 3,000.00

**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)**

**\$ 271,671.31**

Contract No.: I-17-4299 Consultant: Civiltech Engineering, Inc.

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 4/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date	Date
11/1/2017	3/31/2018	4/1/2018	3/31/2019	4/1/2019	3/31/2020	4/1/2020
-	-	-	-	-	-	-
5.0	12.0	12.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0	60.0	60.0
8.33%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
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
4/1/2022	10/31/2022					
-	-					
7.0						
60.0	60.0	60.0	60.0	60.0	60.0	60.0
11.67%						
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.: 1-17-4299

Consultant: Civiltech Engineering, Inc.

Date: 9/1/2017

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>		
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 Estimated O/T Hours:					
							Estimated O/T Hours:	Average Premium O/T Hourly Rate:	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	120.00						
No	Project Manager	\$40.00	\$70.00	\$55.14	\$55.14	350.00						
No	Senior Engineer/Planner	\$40.00	\$70.00	\$42.44	\$42.44	40.00						
No	Resident Engineer	\$40.00	\$70.00	\$52.93	\$52.93	80.00						
No	Project Engineer/Planner	\$25.00	\$60.00	\$37.30	\$37.30	425.00						
No	Staff Engineer/Planner	\$20.00	\$40.00	\$31.13	\$31.13	430.00						
No	Engineer /Accountant	\$20.00	\$60.00	\$30.13	\$30.13	407.00						
No	Senior Technical Specialist	\$25.00	\$60.00	\$58.50	\$58.50	290.00						
No	Technical Specialist	\$15.00	\$50.00	\$40.75	\$40.75	80.00						
No	Architect	\$30.00	\$70.00									
No	Reality Specialists	\$20.00	\$70.00									
No	Intern	\$8.25	\$20.00									
No	Admin/Clerical	\$8.25	\$40.00	\$15.00	\$15.00	40.00						
<b>Total Direct Labor</b>							<b>\$95,954.04</b>					

Contract No.: 1-17-4299

Consultant: Civiltech Engineering, Inc.

Date: 9/1/2017

**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	Jonathan R. Vana	\$50 - \$70
		James D. Ewers	
Project Manager	Project Manager	Derek N. Mall	\$40 - \$70
Senior Engineer/Planner	Engineer V	Kristin R. Kalitowski	\$40 - \$70
Resident Engineer	Resident Engineer V	Brian J. Carroll	\$40 - \$70
		Joseph C. Kozial	
Project Engineer/Planner	Engineer IV	Mark J. Paisecki	\$25 - \$60
		Jeffrey A. Tomasek	
Staff Engineer/Planner	Engineer III	Kyle D. Clary	\$20 - \$40
Engineer /Accountant	Engineer II	Nathan E. Murphy	\$20 - \$60
Senior Technical Specialist	Project Coordinator	Peter M. Layer	\$25 - \$60
Technical Specialist	Senior Design Technician	John R. Rosak	\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Administrative Assistant	Sarah A. Mytnik	\$8.25 - \$40

Contract No.: I-17-4299 Consultant: Civiltech Engineering, 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**  
[http://www.illinoistollway.com/documents/10157/2389762/12\\_LG\\_TOLLWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_10012013.PDF](http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF)
  
- 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)          \$          3,000.00**

## ALLOWABLE DIRECT COSTS

10.01.2013

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>
- \*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: I-17-4299

Consultant: Civiltech 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-17-4299**  
**Civiltech Engineering, Inc.**  
**Scope of Services**

**Scope of Work**

Civiltech Engineering, Inc. scope of services consists of preparing plans and specifications for Maintenance of Traffic for the Tollway mainline and cross road bridge improvements for each contract package. All PS&E shall meet the Tollway DSE Manual for phase submittals for concept, pre-final and final. Maintenance of Traffic plans shall meet the Tollway Roadway Traffic Control and Communications Manual.

**Assumptions:**

1. The pavement through the plaza will only be rehabilitated with full reconstruction occurring at the ends of plaza pavement tying into adjacent contracts.
2. Maintenance of traffic to transition for lane shifts for adjacent contracts and the entrance ramp for the E-W connector will be completed by adjacent contract consultants. Civiltech will be responsible for maintenance of traffic for pavement rehabilitation and inside shoulder replacement on mainline, Ramps at Cermak Road, SB exit and NB entrance ramp at Roosevelt Road and cross road bridges included in contract.
3. There will be 4 construction contracts. Two mainline contracts and one contract for each cross road bridge improvement.

**This work will consist of:**

1. Concept verification of maintenance of traffic plans from master plans (portions of RR-14-4223 and RR-14-4224)
2. Develop Maintenance of Traffic deliverables in accordance with the Tollway Design Section Engineer's Manual, latest edition, as amended by the Illinois Tollway. The maintenance of traffic plans and studies shall provide for protection and maintenance of the Illinois Tollway and crossroad traffic, and maintenance of toll operations during construction. The DCM shall coordinate traffic staging and maintenance of traffic for the corridor with the individual DSEs for the project. The coordination shall include ensuring that regional impacts are minimized and to ensure that traffic is maintained during construction. Contract completion dates shall be coordinated between design contracts. The existing number of traffic lanes shall be maintained on the mainline in each direction on the Tri-State Tollway (I-294) between East West Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5) during peak hours.
3. Maintenance of traffic coordination/meetings with adjacent contract consultants.
4. Coordination with team consultants.
5. Roadway support relating to Maintenance of Traffic plan. Includes the following tasks:
  - a. Value Management Study
  - b. Public Involvement
  - c. Plan sheets (General Notes, Progress Schedule, Summary of Quantities, Earthwork Summary, Schedule of Quantities, Typical Sections, Roadway Plan & Profile, Roadway Jointing Details, Roadway Details, Grading, and Cross Sections)
  - d. Specifications
  - e. Quantity Calculations and Cost Estimating

**EXHIBIT G**

**Contract I-17-4299**

**Civiltech 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>
<b><u>As Prime Consultant</u></b>				
PSB 12-3/04	Phase II - Elgin O'Hare West Bypass US Route 20 to Route 83	\$2,817,967	\$0.00	12/2017
PTB Item 162-10	US 6 over Marley Creek	\$780,000	\$200,000	12/2017
PSB 13-4/08	Elgin-O'Hare Western Access - Advance Work Contracts	\$3,150,000	\$500	12/2017
PSB 14-1/14	Elgin O'Hare Western Access- Wood Dale Bridge over I-390	\$2,186,000	\$430,000	12/2017
PTB Item 169-04	US 6 (159 <sup>th</sup> Street) Will-Cook to US 45	\$3,774,000	\$900,000	12/2018

**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: 30%;">Direct Labor</td> <td style="width: 20%; border-bottom: 1px solid black;"></td> <td style="width: 50%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td><b>Total this Subconsultant (ULC)</b></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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<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: \$ -

# Contract Information Sheet

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

Consultant Name: Collins Engineers, Inc.

Contract Number: I-17-4299

Proposal Date: 9/1/2017

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-17-4299

Consultant:

Collins Engineers, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2017												TOTAL HOURS				
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
QC														70			
Structure Design															30	30	60
<b>TOTALS</b>															30	100	130



Contract Number: I-17-4299 Consultant: Collins Engineers, Inc.

**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				
QC			68						67							135
Structure Design	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	300
<b>TOTALS</b>	25	25	93	25	25	25	25	25	92	25	25	25	25	25	25	435

Contract Number: I-17-4299 Consultant: Collins Engineers, 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			
QC		67				69									136
Structure Design	25	25	25	25	25	24									149
<b>TOTALS</b>	25	92	25	25	25	93									265

Contract Number: I-17-4299 Consultant: Collins Engineers, 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			
QC															
Structure Design															
<b>TOTALS</b>															0

Contract Number: I-17-4299 Consultant: Collins Engineers, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2021												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
QC														
Structure Design														
<b>TOTALS</b>														0

Contract Number: 1-17-4299 Consultant: Collins Engineers, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2022												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
QC															
Structure Design										1					1
<b>TOTALS</b>															1



Contract No.: I-17-4299 Consultant: Collins Engineers, Inc.

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 1/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date
11/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
2.0	12.0	12.0	12.0	12.0	
60.0	60.0	60.0	60.0	60.0	
3.33% Escalation Factor First Period	20.00% Escalation Factor Second Period	20.00% Escalation Factor Third Period	20.00% Escalation Factor Fourth Period	20.00% Escalation Factor Fifth Period	

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date
1/1/2022 - 10/31/2022					
10.0					
60.0	60.0	60.0	60.0	60.0	
16.67% Escalation Factor Sixth Period					

The escalation factor for this project is: 100.00%

Contract No.: I-17-4299

Consultant: Collins Engineers, Inc.

Date: 9/1/2017

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)	Total Estimated O/T Hours:		Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	
							Total Estimated Work Hours:	Average Premium O/T Hourly Rate:		
Total Direct Labor							\$46,634.80	Total Overtime Premium:		
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	100.00				
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	100.00				
No	Senior Engineer/Planner	\$40.00	\$70.00	\$70.00	\$70.00	100.00				
No	Resident Engineer	\$40.00	\$70.00	\$70.00	\$70.00	16.00				
No	Project Engineer/Planner	\$25.00	\$60.00	\$60.00	\$60.00	120.00				
No	Staff Engineer/Planner	\$20.00	\$40.00	\$40.00	\$40.00	140.00				
No	Engineer /Accountant	\$20.00	\$60.00	\$49.95	\$49.95	80.00				
No	Senior Technical Specialist	\$25.00	\$60.00	\$46.38	\$46.38	80.00				
No	Technical Specialist	\$15.00	\$50.00	\$39.75	\$39.75	80.00				
No	Architect	\$30.00	\$70.00							
No	Realty Specialists	\$20.00	\$70.00							
No	Intern	\$8.25	\$20.00	\$18.47	\$18.47	22.00				



Contract No.: I-17-4299

Consultant: Collins Engineers, Inc.

Date: 9/17/2017

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>								
Classification Eligible for Premium Overtime? No	Tollway Classification Admin/Clerical	Tollway MINIMUM Hourly Rate for Classification	\$8.25	Tollway MAXIMUM Hourly Rate for Classification	\$40.00	Average Hourly Rate for Classification (See Note A to Right)	\$32.38	Escalated Average Hourly Rate for Classification (See Note B to Right)	\$32.38	Estimated Work Hours (Including Overtime)	13.00	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)		Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	
		Total Estimated Work Hours:	851.00	Average Hourly Rate:	\$54.80	Total Direct Labor	\$46,634.80	Total Estimated O/T Hours:		Average Premium O/T Hourly Rate:		Total Overtime Premium:			

Contract No.: I-17-4299

Consultant: Collins Engineers, Inc.

Date: 9/1/2017

**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	President	Daniel G. Cecchi	\$50 - \$70
	Vice President	Michael J. Garlich	
	Vice President	James M. Hamelka	
	Vice President	Daniel G. Stromberg	
Project Manager	E6	Patricia A. Donahue	\$40 - \$70
	E6	Bradley A. Syler	
	E6	Michael A. Haas	
	E6	Jason M. Schneider	
	E6	Jeremy W. Koonce	
Senior Engineer/Planner	E5	John C. Ashton	\$40 - \$70
	E5	Roy A. Forsyth	
	E5	Drew R. Garceau	
	E5	George E. Keck	
	E5	Ewa K. Mroczek	
	E5	Madhulika Raj	
	E5	Rachel A. Tranel	
	E5	Brian P. Dilworth	
	E4	Amber M. Selber	
	E4	Lukas Janulis	
	E4	Michelle D. Koerbel	
	E4	Nicholas J. VanderZwan	
Resident Engineer	E6	Patricia A. Donahue	\$40 - \$70
Project Engineer/Planner	E3	Travis M. Franklin	\$25 - \$60
	E3	Joseph T. Heger	
	E3	Joseph P. Guerriero	
	E3	Marc B. Parker	
	E3	Timothy B. Walsh	
	E3	Jon M. Wittrock	
	E3	Piotr Sawulski	
Staff Engineer/Planner	E2	Carolyn E. Kois	\$20 - \$40
	E2	Anastasia E. Kotsakis	
	E2	Zachary J. Tanner	
	E2	Raul A. Tejada	
	E2	Lin Yan	
	E2	Dritan K. Shehi	
	E2	Richard L. Raffin	
Engineer /Accountant	E1	Rachel M. Cortez	\$20 - \$60

Contract No.: I-17-4299

Consultant: Collins Engineers, Inc.

Date: 9/1/2017

**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>
	E1	Brandon J. Gillentine	
	E1	Jacob P. Green	
	E1	Oritseweyinmi J. Jemine	
	E1	Maribel Nieves	
	E1	Edgar L. Nunez	
	E1	Kevin M. Rice	
	E1	Karol M. Rybaltowski	
	E1	Michael J. Spencer	
	E1	Breanne M. Stromberg	
	E1	Kyle M. Von Holtzen	
Senior Technical Specialist	T3	James R. Bolster	\$25 - \$60
	D3	Patricia R. Haines	
	P1	Katherine A. Daley	
	D3	Denis Redzic	
	T2	Loretta J. Shumate	
	D2	Barbara L. Vogrig	
Technical Specialist	T1	Emily Navarete	\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern	Intern	Thomas Rice	\$8.25 - \$20
Admin/Clerical	C1	Laura A. Altman	\$8.25 - \$40
	Project Administrator	Rita K. Bhatia	
	Project Administrator	Lisa A Gagel	
	Project Administrator	Carol A. Muhammad	
	Project Administrator	Debra Z. Thompson	

Contract No.:           I-17-4299           Consultant:           Collins Engineers, 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**  
[http://www.illinoistollway.com/documents/10157/2389762/12\\_LG\\_TOLLWAY\\_XX\\_ALLOWABLEDIRECTCOSTS\\_10012013.PDF](http://www.illinoistollway.com/documents/10157/2389762/12_LG_TOLLWAY_XX_ALLOWABLEDIRECTCOSTS_10012013.PDF)
  
- 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)                    \$     2,000.00**

## ALLOWABLE DIRECT COSTS

**10.01.2013**

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>
- \*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: I-17-4299

Consultant: Collins Engineers, Inc.

**EXHIBIT E - KEY PROJECT PERSONNEL**

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

**Project Manager:** Amber M. Seiber

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

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

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

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

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

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

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

**Others:**      **Name:** \_\_\_\_\_

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

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

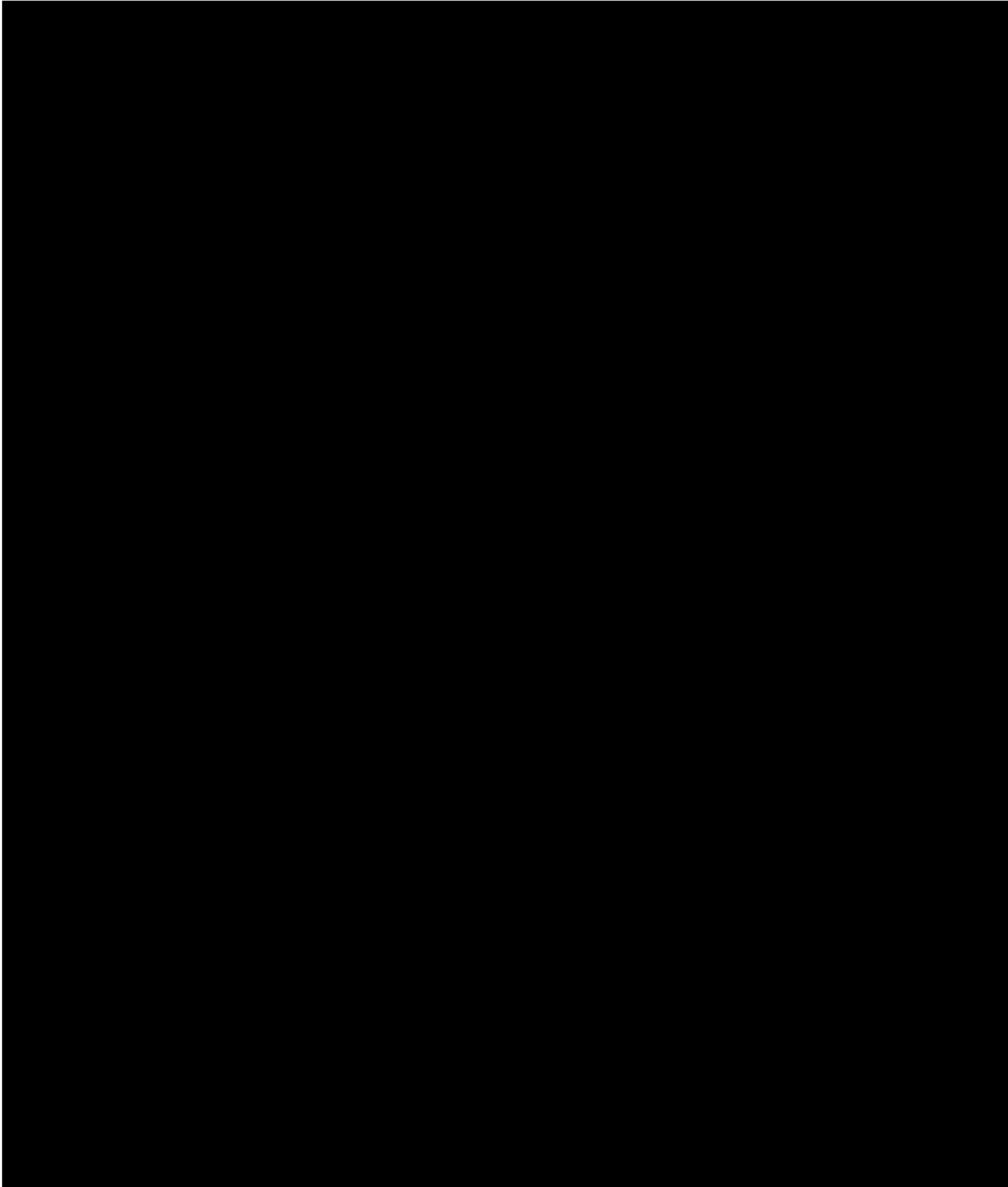
**Classification:** \_\_\_\_\_

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

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

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

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





**EXHIBIT F**

**Contract No. I-17-4299**

**Collins Engineers, Inc.**

**SCOPE OF SERVICES**

Collins Engineers, Inc. will be providing quality control in the form of providing independent reviews of the structural engineering plans, specifications, estimates, and calculations and the Roadway Signing and Striping Plans and Erosion and Sediment Control Plans in accordance with the level of effort indicated in Exhibit A. In addition, Collins will also be providing the design of approximately 768 linear feet of noise wall (TS30.45N, NB and TS30.45N, SB). No field activities are anticipated for these scope of work items.

**EXHIBIT G**

**Contract No. I-17-4299**

**Collins Engineers, 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>
PTB 168/007	IDOT Various Design	\$1,500,000.00	\$20,000.00	9/1/2017
PTB 169/039	IDOT Various Underwater Bridge Inspection	\$600,000.00	\$60,000.00	1/1/2018
PTB 179/014	IDOT Various Underwater Bridge Inspection	\$600,000.00	\$600,000.00	12/31/2020
---	CDOT Lasalle Street Bridge	\$900,000.00	\$50,000.00	12/31/2017
---	CDOT Lake Street Bridge	\$250,000.00	\$20,000.00	9/1/2017
PTB 182/04	IDOT Various Design	\$1,000,000.00	\$1,000,000.00	12/31/2019

**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	<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><b>Total this Subconsultant (ULC)</b></td> <td></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>	-	
Direct Labor																															
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Services by Others			<b>\$</b>	-																											
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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):** \_\_\_\_\_

**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: J. A. Watts, Inc

Contract Number: I-17-4299

Proposal Date: 9/1/2017

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-17-4299

Consultant: J. A. Watts, Inc

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		
Coord & Meetings	2	2	1	1	1	1	1	1	1	1	1	1	1	14
Project Management	2	1	1	1	1	1	1	1	1	1	1	1	1	13
Utility Coordination	20	20	20	20	20	20	20	20	20	20	20	20	20	240
<b>TOTALS</b>	24	23	22	22	22	22	22	22	22	22	22	22	22	267

Contract Number: I-17-4299 Consultant: J. A. Watts, 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	
Coord & Meetings	1	1	1	1	1	1							6
Project Management	1	1	1	1	1	1							6
Utility Coordination	20	20	20	20	20	20							120
<b>TOTALS</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>132</b>







Contract Number: 1-17-4299 Consultant: J. A. Watts, Inc

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2022												TOTAL HOURS		
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Coord & Meetings															
Project Management															
Utility Coordination										1					1
<b>TOTALS</b>														1	1



Contract No.: I-17-4299 Consultant: J. A. Watts, Inc

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
SCHEDULED START DATE: 11/1/2017  
RAISE DATE: 1/1/2018  
PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date	Date			
11/1/2017	12/31/2017	1/1/2018	12/31/2018	1/1/2019	12/31/2019	1/1/2020	12/31/2020	1/1/2021	12/31/2021
2.0		12.0		12.0		12.0		12.0	
60.0		60.0		60.0		60.0		60.0	
3.33%		20.00%		20.00%		20.00%		20.00%	
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			
1/1/2022	10/31/2022								
10.0									
60.0		60.0		60.0		60.0			
16.67%									
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.: 1-17-4299

Consultant: J. A. Watts, Inc

Date: 9/1/2017

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>		
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 Direct Labor					
							Estimated Work Hours	Average Hourly Rate	Total Overtime Premium			
No	Principal	\$50.00	\$70.00				408.00	\$55.20	\$22,521.60			
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	48.00						
No	Senior Engineer/Planner	\$40.00	\$70.00	\$54.00	\$54.00	40.00						
No	Resident Engineer	\$40.00	\$70.00	\$70.00	\$70.00	140.00						
No	Project Engineer/Planner	\$25.00	\$60.00									
No	Staff Engineer/Planner	\$20.00	\$40.00									
No	Engineer /Accountant	\$20.00	\$60.00	\$40.00	\$40.00	180.00						
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									

EXHIBIT "1"

Contract No.: 1-17-4299

Consultant: J. A. Watts, Inc

Date: 9/1/2017

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)	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	Admin/Clerical	\$8.25	\$40.00				Total Estimated O/T Hours: 408.00		
							Average Premium O/T Hourly Rate: \$55.20		
							Total Direct Labor: \$22,521.60	Total Overtime Premium:	

Contract No.: I-17-4299

Consultant: J. A. Watts, Inc

Date: 9/1/2017

**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			\$50 - \$70
Project Manager	Project Manager VI	James W. Laskero	\$40 - \$70
Senior Engineer/Planner	Project Manager VI Engineer IV	Michael R. Tavares Onyekachim F Anyikwa	\$40 - \$70
Resident Engineer	Project Manager VI	Karl R. Wilson	\$40 - \$70
Project Engineer/Planner			\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant	Engineer I	David L. Murphy	\$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





## **ALLOWABLE DIRECT COSTS**

**10.01.2013**

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
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 and mapping	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>
- \*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a "tool of the trade."

Contract No.: I-17-4299

Consultant: J. A. Watts, 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 I-17-4299**

**J. A. Watts, Inc**

### **SCOPE OF SERVICES**

**GENERAL SCOPE – CONCEPT (30%), PRELIMINARY (60%), PRE-FINAL (95%) AND FINAL (100%) DESIGN ENGINEERING SERVICES: Tri-State Tollway Roadway Reconstruction - EW Connector (M.P. 29.1) to Roosevelt Road (M.P. 30.5)**

The scope of J. A. Watts, Inc. (JWI) services for this work consists of the preparation of Concept, Preliminary, Pre-Final and Final engineering design services for the proposed roadway. More specifically, JWI will be involved with Utility Coordination, Utility Permitting, Utility Planset generation. JWI will follow the 2017 version of the DSE Manual in preparation of all deliverables to the Tollway.

#### **Assumptions:**

1. Pavement widening includes one lane to the northbound and one lane to the southbound direction.
2. No changes to existing right of way will be considered for the project.
3. All ramps will be impacted by the proposed widening.

#### **Scope of Services – J. A. Watts, Inc.**

##### **1.0 CONCEPT VERIFICATION & CONCEPT PLANS**

JWI will prepare the following items for the Conceptual phase of the project:

###### **1.1 Evaluate and document existing conditions**

- Review Tollway correspondences and recommendations
- Coordinate installation of FOC duct package with Tollway FOC Maintenance provider
- Review Contract 4223 and 4224 Master Plans
- Review utility coordination and utility studies performed to date
- Review Utility permitting requirements
- Perform corridor drive-by Survey/Field recon

###### **1.2 Deliverables**

- Review existing conditions documents
- Submit Notice of Interference forms
- Assist, prepare and submit Utility Concept Report
- Support and QC Land Acquisition Surveys

##### **2.0 CONTRACT PACKAGE (MP 29.1 TO 30.5)**

JWI will prepare the following items for the 60% / 95% / 100% phases of the project:

#### 2.1 Commence Design phase

- This design assumes that a single contract package will comprise of all mainline work along with bridge work.
- Review Tollway correspondences and recommendations from Concept Report
- Obtain record drawings from various contracts affecting this contracts limits
- Support ROW parcel acquisitions / advance work needs within contract limits
- Further document existing utility conflicts. Document locations on Google Earth along with any further detailed map that will eventually turn into a plan view sheet for the 95% and 100% submittals
- Develop Utility Matrix and refine as project progresses
- Provide support role for Summary of Quantities and General Notes
- Support any MOT requirements
- Coordinate meetings with Tollway, DCM and others

#### 2.2 Deliverables

- Prepare Utility Plans, Specifications and Engineers Estimate
- Provide disposition of comments for each design phase

### 3.0 CONTRACT PACKAGE CONTINGENCY

This contingency addresses the potential package breakout of an additional roadway contract (split in to 2 contracts) and a separate bridge contract. JWJ will prepare the following items for the 60% / 95% / 100% phases of the project:

#### 3.1 Commence Design phase

- Review Tollway correspondences and recommendations from Concept Report
- Obtain record drawings from various contracts affecting this contracts limits
- Support ROW parcel acquisitions / advance work needs within contract limits
- Further document existing utility conflicts. Document locations on Google Earth along with any further detailed map that will eventually turn into a plan view sheet for the 95% and 100% submittals
- Develop Utility Matrix and refine as project progresses
- Provide support role for Summary of Quantities and General Notes
- Support any MOT requirements
- Coordinate meetings with Tollway, DCM and others

#### 3.2 Deliverables

- Prepare Utility Plans, Specifications and Engineers Estimate
- Provide disposition of comments for each design phase

**EXHIBIT G**

Contract No. I-17-4299

J. A. Watts, Inc

**CURRENT OBLIGATIONS FOR PROJECT**

<b>DISCLOSURE OF CURRENT AND PENDING CONTRACTS</b>				
<b>Agency/University</b>	<b>Project Title</b>	<b>Status</b>	<b>Value</b>	<b>Contract Reference/ P.O./Illinois Procurement Bulletin #</b>
ISTHA	Systemwide Traffic Operation and Maintenance Performance Evaluation and Enhancement Support	Pending	\$ 2,500,000.00	PSB 17-2, Item 16/RR-16-4278
ISHTA	Elgin O'Hare Western Access, Jane Addams Memorial Tollway System Interchange	Ongoing	\$ 100,000.00	PSB 17-2, Item 1/I-17-4674
ISTHA	Project Management and Technical/Administrative Services	Ongoing	\$ 1,968,920.00	Ref # 22023189/ PSB 11-3, Item 1/ RR-11-4013
ISTHA	Fiber Optics and Maintenance	Ongoing	\$ 1,019,566.00	Ref # 22032244/ RR-14-4181
ISTHA	Maintenance Facilities, Maintenance Site Reconstruction	Ongoing	\$ 788,000.00	Ref # 22034329 PSB 14-2, Item 4 RR-14-4202
ISTHA	Phase II, I-88/I-294 E-W Connector Design ITS/Lighting	Ongoing	\$ 200,000.00	Ref # 22030488 PSB 13-2, Item 2/ RR-13-4117
ISTHA	Tri-State Tollway, Roadway Study, 95th Street (M.P. 17.5) to Cermak Road (M.P. 29.5)	Ongoing	\$ 209,341.00	Ref # 22035091/ PSB 14-3, Item 3/ RR-14-4223
ISTHA	Systemwide, Traffic Operation and Maintenance Performance Evaluation and Enhancement Support	Ongoing	\$ 900,000.00	Ref # 22035101/ PSB 14-3, Item 12/ RR-14-9172
IDOT	Phase I/II Project for Smart Highway Design, Along I-94/US 41 from Kennedy/Edens Junction to Wisconsin State Line, Cook and Lake Counties	Ongoing	\$ 150,000.00	PTB 168, Item 6/ P-91-376-13
IDOT	Various Phase III	Ongoing	\$ 101,411.00	C-91-127-16 PTB 178-010
IDOT	Phase III I-55 Weber Rd. to Willow Springs Rd.	Ongoing	\$ 56,177.60	C-91-232-16 PTB 180-006

**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) <u>\$ -</u></p>	<p>6 _____</p> <p>Direct Labor _____</p> <p>Direct Costs <u>\$ -</u></p> <p>Services by Others <u>\$ -</u></p> <p>Additional Services ** <u>\$ -</u></p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>
<p>2 _____</p> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>	<p>7 _____</p> <p>Direct Labor _____</p> <p>Direct Costs <u>\$ -</u></p> <p>Services by Others <u>\$ -</u></p> <p>Additional Services ** <u>\$ -</u></p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>
<p>3 _____</p> <p>Direct Labor _____</p> <p>Direct Costs <u>\$ -</u></p> <p>Services by Others <u>\$ -</u></p> <p>Additional Services ** <u>\$ -</u></p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>	<p>8 _____</p> <p>Direct Labor _____</p> <p>Direct Costs <u>\$ -</u></p> <p>Services by Others <u>\$ -</u></p> <p>Additional Services ** <u>\$ -</u></p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>
<p>4 _____</p> <p>Direct Labor _____</p> <p>Direct Costs <u>\$ -</u></p> <p>Services by Others <u>\$ -</u></p> <p>Additional Services ** <u>\$ -</u></p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>	<p>9 _____</p> <p>Direct Labor _____</p> <p>Direct Costs <u>\$ -</u></p> <p>Services by Others <u>\$ -</u></p> <p>Additional Services ** <u>\$ -</u></p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>
<p>5 _____</p> <p>Direct Labor _____</p> <p>Direct Costs <u>\$ -</u></p> <p>Services by Others <u>\$ -</u></p> <p>Additional Services ** <u>\$ -</u></p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>	<p>10 _____</p> <p>Direct Labor _____</p> <p>Direct Costs <u>\$ -</u></p> <p>Services by Others <u>\$ -</u></p> <p>Additional Services ** <u>\$ -</u></p> <p>Total this Subconsultant (ULC) <u>\$ -</u></p>

\*\* 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)**

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

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

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

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

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

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

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

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

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

<hr/>	
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-17-4299

Proposal Date: 9/1/2017

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: 1-17-4299

Consultant: Singh & Associates, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2017												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification												3	6
Lighting/ITS													
Project Management												2	4
Coordination & Meetings												2	4
QA/QC													
<b>TOTALS</b>												7	14







Contract Number: I-17-4299 Consultant: Singh & Associates, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2021												TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Concept Verification														
Lighting/ITS														
Project Management														
Coordination & Meetings														
QA/QC														
<b>TOTALS</b>														0

Contract Number: I-17-4299 Consultant: Singh & Associates, Inc.

**EXHIBIT A: ESTIMATED TASK WORK HOURS**

TASK	MONTHS of YEAR 2022												TOTAL HOURS			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Concept Verification																
Lighting/ITS																
Project Management										1						1
Coordination & Meetings																
QA/QC																
<b>TOTALS</b>										1						1





Contract No.: I-17-4299 Consultant: Singh & Associates, Inc.

Date: 9/1/2017

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

CONTRACT TERM: 60 No. OF MONTHS  
 SCHEDULED START DATE: 11/1/2017  
 RAISE DATE: 1/1/2018  
 PERCENT OF RAISE: 0%

**ESCALATION PER YEAR Year 1 through 5**

Date	Date	Date	Date	Date	Date
11/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	
2.0	12.0	12.0	12.0	12.0	
60.0	60.0	60.0	60.0	60.0	
3.33% Escalation Factor First Period	20.00% Escalation Factor Second Period	20.00% Escalation Factor Third Period	20.00% Escalation Factor Fourth Period	20.00% Escalation Factor Fifth Period	

**ESCALATION PER YEAR Year 6 through 10**

Date	Date	Date	Date	Date	Date
1/1/2022 - 10/31/2022					
10.0					
60.0	60.0	60.0	60.0	60.0	
16.67% Escalation Factor Sixth Period					

The escalation factor for this project is: 100.00%

Contract No.: 1-17-4299

Consultant: Singh & Associates, Inc.

Date: 9/1/2017

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

<b>EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES</b>										<b><u>DIRECT COST</u></b>	
										<b><u>OVERTIME PREMIUM</u></b>	
<p>Total Estimated Work Hours: 1,220.00</p> <p>Average Hourly Rate: \$44.03</p> <p>Total Direct Labor: \$53,716.60</p>										<p>Total Estimated O/T Hours:</p> <p>Average Premium O/T Hourly Rate:</p> <p>Total Overtime Premium:</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	\$70.00	\$70.00	20.00					
No	Project Manager	\$40.00	\$70.00	\$62.13	\$62.13	140.00					
No	Senior Engineer/Planner	\$40.00	\$70.00								
No	Resident Engineer	\$40.00	\$70.00								
No	Project Engineer/Planner:	\$25.00	\$60.00	\$53.41	\$53.41	264.00					
No	Staff Engineer/Planner	\$20.00	\$40.00	\$32.05	\$32.05	472.00					
No	Engineer /Accountant	\$20.00	\$60.00	\$44.41	\$44.41	324.00					
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"





## **ALLOWABLE DIRECT COSTS**

**10.01.2013**

Effective for contracts awarded on or after October 1, 2013, the following costs are allowable when requested by the Department 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	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach Rate with 2 weeks advance purchase
Vehicles	
Mileage	State Rate* (Maximum)
Vehicle Rental	\$55/day (Maximum)
Leased / Company-Owned Vehicles (does not include personal vehicles, not owned by the company)	\$65/day
Vehicle Half-day Rate	\$32.50/half day
Parking	Actual Cost
Tolls	Actual Cost
Overtime	Premium portion
Film and Film Processing**	Actual Cost
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Rendering & AV Equipments/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 and mapping	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>
- \*\*Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorization after January 1, 2005, GPS Equipment is considered a “tool of the trade.”

Contract No.: I-17-4299

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-17-4299**

**Singh & Associates, Inc.**

### **SCOPE OF SERVICES**

Singh & Associates, Inc. (SINGH), as a sub-consultant to QUIGG Engineering Inc. will perform lighting, electrical and ITS design services for I-294 between EW Connector (M.P. 29.1) and Roosevelt Road (M.P. 30.5) for Design Contract I-17-4299. The services will be performed in accordance to ISTHA standards.

#### **Scope of Work:**

The scope of work includes review of Phase I report, review of design criteria, coordination with DCM, other DSEs, review and verification of concept lighting design prepared by others.

#### **ITS/Fiber/AET Scope:**

The scope anticipated to be included as part of the construction contract(s) is to be limited to the installation of IPDC foundations, ITS Gantry and DMS foundations, and the underground backbone duct package along the roadway corridor which will contain power and fiber optic cable installed under separate contract(s). ITS device design shall be performed under separate contracts. The I-17-4299 DSE shall be required to coordinate with the DCM and I-17-4307 DSE for Advance ITS and Fiber Relocation to ensure operational and communication requirements are fulfilled for each stage of MOT. The I-17-4299 DSE shall be required to coordinate with the DCM and I-17-4308 DSE to ensure that final ITS device design is in conformance with the corridor requirements and all assets are properly transferred between contracts.

#### **List of ITS Tasks:**

##### **Concept Design Verification:**

Review of Phase I documents, Tollway Design criteria and Value Management Study  
Concept design verification  
Concept level cost estimate

##### **PS&E documents:**

Existing removal, Temporary and Proposed ITS plans  
Conduit Transition plans for two bridge  
Specification  
Cost estimate

#### **Lighting:**

Develop working drawings and contract documents for updating existing roadway/underpass lighting systems for the installation of new roadway/underpass lighting systems as required by the Illinois Tollway Guidelines for Roadway Illumination, design criteria, and corridor roadway lighting design concept. The DSE shall coordinate with the DCM and the I-17-4308 DSE for the corridor roadway lighting design concept. The I-17-4299 DSE shall be responsible for the design of temporary lighting systems as required for the maintenance of existing illumination and as required for special illumination during construction; shall include provisions for the maintenance of existing, temporary and final lighting systems through the duration of the contract; shall determine the actual locations of final roadway and underpass lighting systems; shall coordinate with the DCM to determine lighting system control options; shall prepare contract plans, special provisions, and estimates for the temporary and final roadway and underpass lighting.

#### **List of Lighting Tasks:**

##### **Concept Design Verification:**

Review of Phase I documents, Tollway Design criteria and Value Management Study  
Concept design verification  
Concept level cost estimate

##### **PS&E documents:**

Existing removal, Temporary and Proposed Lighting plans  
Underpass lighting plans for two bridges (Cermak Rd and EW connector)  
Specification  
Cost estimate

**EXHIBIT F**

**Contract No. I-17-4299**

**Singh & Associates, Inc.**

**SCOPE OF SERVICES**

**PM, Coordination and site visits**

- INVEST planning
- Site Visits and field investigation
- Coordination with DCM, other DSEs, and Tollway
- Project Management and Invoicing
- QA/QC

**Following items are considered not part of SINGH scope of work unless noted above:**

- Preparation or concept submittals, Photometric computations and any revised concept submittals for approval
- IDOT underpass lighting at Roosevelt Road
- Above ground ITS equipment design
- IPDC electrical work
- Cermak Plaza electrical work.

**EXHIBIT G**  
**Contract No. I-17-4299**  
**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	\$ 25,300	09/01/17
I-14-4645	Elgin-O'Hare Western Access CA (sub)	\$ 192,100	\$ 40,000	
RR-13-5660	Roadway Resurfacing, Reagan Memorial Tollway (I-88), US 30 to US 52 (sub)	\$ 229,700	\$ -	11/30/14
I-13-4106	I-90, Bridge Construction, Roselle Road (Sub)	\$ 203,200	\$ 3,000	12/31/17
I-13-5336	I-355 (SB) Roadway Widening, 71st-75th Street (sub)	\$ 161,400	\$ -	06/30/15
RR-13-4116	I-88, York Road to I-290 (Sub)	\$ 348,300	\$ 52,400	10/15/15
I-13-4623	EOWA at IL 19 Interchange (sub)	\$ 195,000	\$ 55,000	06/01/17
I-14-4196	Jane Addams Memorial Tollway (I-90) and Systemwide, DUR (Sub)	\$ 293,750	\$ 110,000	12/31/16
RR-14-5703	Design Upon Request - Systemwide	\$ 2,300,000	\$ 1,353,660	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	\$ 72,000	12/31/17
I-16-4249	I-90 and Systemwide Construction Management Services Upon Request (Sub)	TBD		
RR-16-4267	Maintenance Facility Design (Sub)	TBD		
I-17-4296 / 22040482	Tri-State Tollway Reconstruction, 95th Street to LaGrange Road (Sub)	TBD		
I-17-4299 / 22040488	Tri-State Tollway Reconstruction, EW Connector to Roosevelt Rd. (Sub)	TBD		
I-17-4303 / 22040503	Tri-State Tollway Reconstruction and Bridge Rehabilitation, O'Hare Oasis to Balmoral Avenue (Sub)	TBD		
I-17-4305 / 22040505	Tri-State Tollway Bridge Rehabilitation, Repairs & Demolition, Various Locations (Sub)	TBD		
I-17-4306 / 22040506	Tri-State Tollway, Bridge Rehabilitation, Repairs, & Demolition, Various Locations (Sub)	TBD		

**EXHIBIT G**  
**Contract No. I-17-4299**  
**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-17-4309 / 22040511	Tri-State Tollway, Advanced MOT Rehabilitation, 95th Street to EW Connector (Sub)	TBD		
RR-16-4253 / 22040516	Reagan Memorial Tollway, Roadway and Bridge Rehabilitation, IL 251 to Annie Glidden Road, CM Services (Sub)	TBD		
I-17-4681 / 22040494	Elgin O'Hare Western Access, I-490 at IL 19 Interchange. CM Services	TBD		
PTB 157/001	I-290 Traffic Study (sub)	\$ 974,210	\$ 150,000	09/01/17
D-92-026-11; PTB 158-016	Various Phase I/II Projects (Sub)	\$ 40,500	\$ 17,500	
D-92-026-11; PTB 158-016	Various Phase I/II Projects (Sub)	\$ 20,000	\$ 5,000	
PTB 168-011	District 1 Various Signals	\$ 345,500	\$ 4,000	12/31/16
PTB 168-006 & P-91-376-13	I94/US 40 Smart Highway Corridor Design (sub)	\$ 369,000	\$ 247,000	12/31/16
PTB 168-007 & D-91-314-13	Various Phase II Projects (sub)	\$ 77,000	\$ 4,000	12/31/16
PTB 168-016 & D-92-073-11	US 30 BR (West State Street), from Day Avenue to Independence Avenue (sub)	\$ 45,600	\$ 2,000	12/31/16
PTB 171-006 & P-91-195-14	Phase I Various ADA Projects (sub)	\$ 51,000	\$ 24,000	08/07/19
PTB 172-008 / D-91-354-14	Various ITS and Electrical Projects	\$ 500,000	\$ 450,000	01/23/17
PTB 172-006 / D-91-333-14	Various Phase II Traffic Signal Design Project (sub)	\$ 65,000	\$ 49,000	
PTB 152-016 & P-91-505-09	Phase I Lighting Assessments (sub)	\$ 99,500	\$ -	12/31/15
PTB 173-006 & P-91-442-14	Phase I Various/Various Projects (sub)	\$ 89,000	\$ 56,000	
PTB 174-017 & D-30-003-15	Various Pump Station Projects (sub)	\$ 30,000	\$ 28,000	10/15/25
PTB 174-008	FAP 344 (IL 83) at IL 171 (Archer Avenue) - South Junction (sub)	\$ 30,000	\$ 2,000	12/31/16
PTB 174-001	Phase I Various Various Projects (sub)	TBD by WO		
PTB 175-011; P-91-224-15	Phase I Various Various Projects (sub)	\$ 95,000	\$ 45,800	12/15/23

**EXHIBIT G**  
**Contract No. I-17-4299**  
**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 175-015; D-91-113-15	IL 53 & IL 68 (Sub)	\$ 82,650	\$ 7,000	03/31/17
PTB 174-003; P-91-130-15	IL 53, West Arsenal Rd to US 52 (Sub)	\$ 41,800	\$ 30,000	08/18/17
D-91-115-17; PTB 182-004	Various Phase II Projects (Sub)	TBD by WO	\$ -	

**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>
<p>2 _____</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>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 _____</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>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 _____</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>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 _____</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>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: \$ \_\_\_\_\_ -

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)**

Project No. I-17-4299 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.

(MBE/WBE)

Exhibits A-G must be submitted for each subconsultant listed below.

OTHER SUBCONSULTANTS (NOT DBE)

1	_____	_____	_____
	Direct Labor	\$ _____	-
	Direct Costs	_____	_____
	Services by Others	_____	_____
	Additional Services **	_____	_____
	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)	\$ _____	-

4	_____	_____	_____
	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)	\$ _____	-

6	_____	_____	_____
	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)	\$ _____	-

8	_____	_____	_____
	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)	\$ _____	-

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: \$ \_\_\_\_\_ -