RESOLUTION NO. 21302

Background

The Illinois State Toll Highway Authority (the "Tollway"), pursuant to Resolution No. 21241 approved March 23, 2017, entered into an Agreement with AECOM Technical Services, Inc. on Contract RR-16-4265 for Design Corridor Management and Design Services on the Tri-State Tollway.

Per Tollway request, and as a result of the modification of the plans for rebuilding the Central Tri-State Tollway, AECOM Technical Services, Inc. has submitted a proposal to provide Supplemental Design Corridor Management Services and Design Services for Contract RR-16-4265, increasing the contract upper limit by \$45,092,500.00, from \$32,993,500.00 to \$78,086,000.00. It is necessary and in the best interest of the Tollway to accept the proposal from AECOM Technical Services, Inc.

Resolution

The Chief Engineering Officer is authorized to negotiate a Supplemental Agreement with AECOM Technical Services, Inc. consistent with the aforementioned proposal to increase the contract upper limit by \$45,092,500.00, subject to the 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 assume warrants in payment thereof.

Approved by:

Chairman

Contractor Details

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

Print

2IM Group, LLC

Email: luis.m@2imgroup.com

Luis Montgomery

Phone: (312) 441-9554

118 S. Clinton St., Ste.

Fax: (312) 441-9558

350

Chicago, IL 60661-5774

County: Cook

Categories: Architecture\Engineering

NAICS

Speciality

541330-Engineering

541330- LOCATION

Services

DRAINAGE

CONSTRUCTION INSPECTION

REHABILITATION

ROADS AND STREETS

FREEWAYS

WATERWAYS: TYPICAL

PUMP STATIONS

WATERWAYS: COMPLEX

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Vendor Information

Business Name

CCS International, Inc.

Owner

Mr. lan Parr

Address

1815 South Meyers Road

> Map This Address

Suite 1070

Oakbrook Terrrace, IL 60182-5261

Phone

630-678-0808 Ext. 124

Fax

630-678-0858

Email

jmclaren@ccsdifference.com

Website

http://www.ccsdifference.com

Certification Information

Certifying Agency

City of Chicago

Certification Type

MBE - Minority Business Enterprise

Certification Date

3/16/2017

Renewal Date

6/15/2018

Expiration Date

6/15/2018

Certified Business

0. 10.2010

Description

NAICS 541990 Scientific and Technical Services

Commodity Codes

Code

Description

NAICS 541990

All Other Professional, Scientific, and Technical Services

Customer Support

Print This Page

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Contractor Details

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

Print

EJM Engineering,

Inc.

Joan Berry 411 S. Wells St., STE 1000 Chicago, IL 60607-3927

County: Cook

Email: jberry@ejmengineering.com

Phone: 312-922-1700 Fax: 312-922-3311

Categories: Architecture\Engineering

N	Δ	ICS
14	-	-

541320-Landscape Architectural Services

541330-Engineering

Services

541614-Management Consulting Services

Speciality

541330 - CIVIL, INCLUDING HIGHWAYS, ROADS AND

STREETS

TRAFFIC SIGNALS AND

TRANSIT FACILITIES

RECONSTRUCTION/ MAJOR

REHABILITATION

STUDIES: TRAFFIC, SAFETY, FEASIBILITY, LOCATION AND

DESIGN

ELECTRICAL, INCLUDING

LIGHTING

STRUCTURAL AND

ENGINEERING DESIGN

CONSTRUCTION

MANAGEMENT AND

INSPECTION

541320 - URBAN PLANNING

SERVICES

STUDIES: TRANSPORTATION

PLANNING AND MASS

TRANSIT

541614 - TRANSPORTATION

MANAGEMENT CONSULTING

PROGRAM MANAGEMENT

AND PROJECT MANAGEMENT

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Contractor Details

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

Print

Metro Strategies,

Incorporated

Karyn M. Romano 526 Crescent Blvd., Ste. 314 Glen Ellyn, IL 60137

County: DuPage

Email: kromano@metrostrategiesinc.com

Phone: (630) 534-6400

Fax:

Categories: Miscellaneous, Professional

NAICS

Speciality

541715-Research and

541715- RESEARCH

Development in the Physical, 541820- MISC: PUBLIC

Engineering, and Life

RELATIONS

Sciences (except Nanotechnology and Biotechnology)

541820-Public Relations

Agencies

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Vendor Information

Business Name

Panacea Group LLC, DBA Panacea Group

Owner

Derrick Colton

Address

155 North Wacker Drive, Suite 4250

> Map This Address

Chicago, IL 60606

Phone

312-835-0546

Fax

312-624-7701

Email

dcolton@panaceagroup.com

Website

http://www.panaceagroup.com

Certification Information

Certifying Agency

City of Chicago

Certification Type

MBE - Minority Business Enterprise

Certification Date

1/27/2017

Renewal Date

12/1/2017

Expiration Date

12/1/2021

Certified Business

Description

NAICS 236115 - Construction Management, Single Family

Building

NAICS 236116 - Construction Management, Multi-Family Building

NAICS 236118 - Construction Management, Residential

Remodeling

NAICS 236210 – Construction Management, Industrial Building NAICS 541511 – Custom Computer Programming Service NAICS 541512 – Computer Systems Design Services NAICS 541611 – Administrative Management and General

Management Consulting Services

NAICS 541618 – Other Management Consulting Services
NAICS 561312 – Executive Placement, Search Services, Senior

Executive Search Services

NAICS 561320 - Personnel (e.g., industrial, office) suppliers

Commodity Codes

Code	Description
NAICS 236115	Construction management, single-family building
NAICS 236116	Construction management, multifamily building
NAICS 236118	Construction management, residential remodeling
NAICS 236210	Construction management, industrial building (except warehouses)
NAICS 541511	Custom Computer Programming Services
NAICS 541512	Computer Systems Design Services
NAICS 541611	Administrative Management and General Management Consulting Services
NAICS 541618	Other Management Consulting Services
NAICS 561312	Executive placement consulting services
NAICS 561312	Executive search consulting services

NAICS 561312

Senior executive search services

NAICS 561320

Personnel (e.g., industrial, office) suppliers

Customer Support

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Contractor Details

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

Print

Program

Management &

Control Services,

LLC

Kerry Nutter 46 South Waiola Avenue La Grange, IL 60525-0000

County: Cook

Email: kerry@pmcsconsulting.com

Phone: 773-495-8262 Fax: 708-482-9702

Categories: Professional

NAICS

Speciality

541690-Other Scientific and Technical Consultin

541690-PROJECT

and Technical Consulting

MANAGEMENT

Services

CONSULTING

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Vendor Information

Business Name

R & G Engineering, LLC

Owner

Richard Rivera

Address

2150 S. Canalport Ave

> Map This Address

Suite 4A-1

Chicago, IL 60608

Phone

312-291-9106

Fax

312-277-6447

Email

rar@rgengineering.net

Website

http://www.rgengineering.net

Certification Information

Certifying Agency

City of Chicago

Certification Type

MBE - Minority Business Enterprise

Certification Date

4/21/2017

Renewal Date

3/15/2018

Expiration Date

6/15/2018

Certified Business

Description

NAICS 237310 Construction management, highway, road, street

and bridge

NAICS 237990 Other Heavy and Civil Engineering Construction

NAICS 541330 Engineering services

NAICS 541611 Administrative and General management

Consulting Services

Commodity Codes

Code

Description

NAICS 237310

Construction management, highway, road, street and bridge

NAICS 237990

Other Heavy and Civil Engineering Construction

NAICS 541330

Engineering services

NAICS 541611

Administrative Management and General Management Consulting Services

Customer Support

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Contractor Details

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

Print

SE3, LLC

Email: vstewart@se3.us

Vernal Stewart

Phone: 630-641-9900

230 SW Main St. Ste. 213 Fax: 708-469-2566

Lee's Summit, MO

64063-0000

County:

Jackson

Categories: Architecture\Engineering, Professional

NAICS

Speciality

541330-Engineering

541330 - Freeways, Roads and

Services

Streets, Traffic Signals, Studies:

541512-Computer

Traffic and Safety,

Systems Design and

Reconstruction/Major

Related Services

Rehabilitation, Rehabilitation

541611-Management

and Construction Inspection

Consulting Services

541611 - Program

Management, Program Controls

541512 - Systems

Design/Deployment

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Contractor Details

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

Print

Urban GIS, Inc.

Email: ks@urbangis.com

Keith A. Searles

Phone: (312) 666-7581

1143 W. Rundell Pl., Ste. Fax: (877) 815-4450

301

Chicago, IL 60607

County:

Cook

Categories: Professional

NAICS

Speciality

541690-Other Scientific &

541690- TECHNICAL

Technical Consulting

TRAINING

541715-Research and

541715- RESEARCH

Development in the Physical,

Engineering, and Life

Sciences (except

Nanotechnology and

Biotechnology)

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Contractor Details

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

Print

Wang Engineering,

Email: pwang@wangeng.com

Inc.

Phone: (630) 953-9928

Paul Wang

Fax: (630) 953-9938

1145 N. Main St. Lombard, IL 60148

County:

DuPage

Categories: Architecture\Engineering

NAICS

Speciality

541330-Engineering

541330- CONSTRUCTION

Services

INSPECTION

541360-Geophysical

QA HMA & AGGREGATE

Surveying & Mapping

QA PCC & AGGREGATE

Services

541360- STRUCTURE

GEOTECHNICAL REPORTS GENERAL GEOTECHNICAL

SERVICES

COMPLEX

GEOTECHNICAL/MAJOR

FOUNDATION

SUBSURFACE EXPLORATIONS

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Business & Contact Information

Business Name

SCIGON Solutions, Inc., DBA SCIGON

Contact Person

John Scifers

Address

420 Lake Cook Rd. Suite 104

> Map This Address

Deerfield, IL 60015

Phone

847-453-8890

Fax

847-739-3139

Email

jscifers@scigonsolutions.com

Website

http://www.scigonsolutions.com

System Vendor Number

20111328

Next Renewal

8/9/2017

Classifications

Small Business Set-Aside Program (SBSP) Registered Yes

Registering as a

Prime & Subcontractor

NIGP Codes

NIGP 96130

NIGP Code	Description		
NIGP 20800	COMPUTER SOFTWARE FOR MICROCOMPUTERS		
NIGP 20900	COMPUTER SOFTWARE FOR MINI AND MAINFRAME		
NIGP 90740	Engineering Services, Non-Licensed (Not Otherwise Classified), Including Consulting		
NIGP 91526	EDI (Electronic Data Interchange) Value Added Network (VAN) Services		
NIGP 91551	Information Highway Electronic Services (Internet, World Wide Web, Virtual Tours to Include Construction Renderings, etc.)		
NIGP 91829	Computer Software Consulting		
NIGP 91836	E-Commerce Consulting		
NIGP 91865	Human Resources, Relations Consulting		
NIGP 91871	IT Consulting		
NIGP 91882	Scientific/Technical Consulting		
NIGP 91893	Security/Safety Consulting		
NIGP 92000	DATA PROCESSING, COMPUTER, PROGRAMMING		
NIGP 92040	Programming Services, Computer (Including Mobile Device Applications)		
NIGP 92065	System Requirements Quality Assurance Review		
NIGP 92078	Web Site Development		
NIGP 92533	Engineer Services, Professional (Inactive, effective January 1, 2016)		
NIGP 95239	Employment Generating Activities		
NIGP 95877	Project Management Services		



Business & Contact Information

Business Name

Collins Engineers, Inc.

Contact Person

Daniel Cecchi

Address

123 N. Wacker Drive, Suite 900

> Map This Address

Chicago, IL 60606

Phone

312-704-9300

Fax

312-704-9320

Email

klouder@collinsnengr.com

System Vendor Number

20078111

Next Renewal

2/3/2018

Classifications

Registering as a

Small Business Set-Aside

No

Program (SBSP) Registered

Prime & Subcontractor

NIGP Codes

NIGP Code Description

NIGP 20931

Computer Aided Design

NIGP 78570

Instructional Aids: Courses, Lesson Plans (Prepared), Programs, Ancillary

Materials, Videos, etc. (See Class 715 for Textbooks)

NIGP 90625

Design Build, Architectural Services (Inactive, effective January 1, 2016)

NIGP 92513

Bridge Engineering

NIGP 92517

Civil Engineering

NIGP 92537

Facilities Design Services, Engineering

NIGP 92544

General Construction: Management, Scheduling, Cost Estimation - Engineering

NIGP 92556

Inspecting, Structural/Engineering

NIGP 95826

Construction Management Services

NIGP 96226

Diving Services

NIGP 96847

Inspection Services, Construction Type



Business & Contact Information

Business Name

Frega Associates, Ltd.

Contact Person

John Frega

Address

411 S. Wells Street

> Map This Address

5th Floor Chicago, IL 60607-3924

Phone

312-663-0640

Fax

312-663-0834

Email

office@fregaarchitects.com

Website

http://www.fregaarchitects.com

System Vendor Number

20321786

Next Renewal

4/25/2018

Classifications

Small Business Set-Aside

Program (SBSP) Registered

Registering as a

Prime

Yes

NIGP Codes

NIGP Code

Description

NIGP 906

Architectural Services, Professional

CLOSE WINDOW X

Business & Contact Information

Business Name

Middleton Construction Consulting of Illinois

Owner

Mr. Thomas Middleton

Address

5600 N. River Road

Addiess

Suite 910

> Map This Address

Rosemont, IL 60018

Phone

312-445-0000

Fax

312-445-0000

Email

tmiddleton@middleton-cc.com

Website

5600 N. River Road, Suite 910

Ethnicity

Caucasian

Gender

Male

County

Cook (IL)

Certification Information

Certifying Agency

State of Illinois Central Management Services

Certification Type

SDVOSB - Service Disabled Veteran Owned Small Business

Renewal Date

1/23/2018

Expiration Date

1/23/2018

Certified Business

Description

Commodity Codes

Code

Description

NIGP 91831

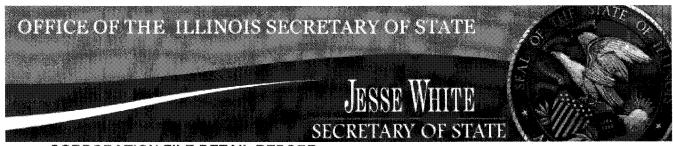
Construction Consulting

Additional Information

Region

Metro Chicago

RR-16-4265



CORPORATION FILE DETAIL REPORT

File Number	57298979				
Entity Name	AECOM TECHNICAL SERVICES, INC.				
Status	ACTIVE				
Entity Type	CORPORATION	Type of Corp	FOREIGN BCA		
Qualification Date (Foreign)	05/05/1993	State	CALIFORNIA		
Agent Name	C T CORPORATION SYSTEM	Agent Change Date	05/05/1993		
Agent Street Address	208 SO LASALLE ST, SUITE 814	President Name & Address	TIMOTHY KEENER 300 SOUTH GRAND AVE 9TH FLR LOS ANGELES CA		
Agent City	CHICAGO	Secretary Name & Address	PRESTON HOPSON SAME		
Agent Zip	60604	Duration Date	PERPETUAL		
Annual Report Filing Date	06/02/2017	For Year	2017		
Assumed Name	INACTIVE - EARTH TECH CONSULTING, INC.				
Old Corp Name	08/25/1995 - THE EARTH TECHNOLOGY CORPORATION 12/03/2008 - EARTH TECH, INC.				

Return to the Search Screen

Purchase Certificate of Good Standing

(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

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 12:55 PM

To:

Nava, Elvia

Subject:

AECOM Technical Services, Inc.

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ****

VENDOR NAME: *

OFFSET: 00 OF 00

CLAIMING AGENCY NUMBER:

CLAIMING AGENCY NAME:

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 12:51 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 12:56 PM

To:

Nava, Elvia

Subject:

2iM Group, LLC

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ****

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *

CLAIMING AGENCY NAME:

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 12:54 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 12:56 PM

To:

Nava, Elvia

Subject:

CCS International, Inc.

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ****

VENDOR NAME: *

OFFSET: 00 OF 00

CLAIMING AGENCY NUMBER: * CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 12:55 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3 = IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 12:57 PM

To:

Nava, Elvia

Subject:

Collins Engineering,

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= *

OFFSET: 00 OF 00

VENDOR NAME: * CLAIMING AGENCY NUMBER:

CLAIMING AGENCY NAME:

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 12:56 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS, PF3=IOCM, PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 12:57 PM

To:

Nava, Elvia

Subject:

EJM Engineering,

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ****

VENDOR NAME: * CLAIMING AGENCY NUMBER:

CLAIMING AGENCY NAME:

CLAIMING AGENCY PHONE NUMBER: *

OFFSET: 00 OF 00

DISCLAIMER:

AS OF 06/21/17 AT 12:56 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS.

PF3=IOCM,

PF12=REFRESH

RR-16-4265

Nava, Elvia

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 12:58 PM

To:

Nava, Elvia

Subject:

Frega Associates, Ltd

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= **** VENDOR NAME:

OFFSET: 00 OF 00

CLAIMING AGENCY NUMBER:

CLAIMING AGENCY NAME:

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 12:57 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 12:59 PM

To:

Nava, Elvia

Subject:

Metro Strategies, Inc.

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ***

OFFSET: 00 OF 00

VENDOR NAME:

CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 12:58 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS.

PF3=IOCM.

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 1:00 PM

To:

Nava, Elvia

Subject:

Middleton Construction Consulting, LLC

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

OCIS CICIOCP1

VENDOR NUMBER= **

OFFSET: 00 OF 00

VENDOR NAME:

CLAIMING AGENCY NUMBER: *

CLAIMING AGENCY NAME: *CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 12:58 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

Nava, Elvia

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 1:00 PM

To:

Nava, Elvia

Subject:

Panacea Group, LLC

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ***

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *

CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 12:59 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 1:01 PM

To:

Nava, Elvia

Subject:

PMCS, LLC

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ****

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 13:00 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 1:02 PM

To:

Nava, Elvia

Subject:

R&G Engineering, LLC

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= **

OFFSET: 00 OF 00

VENDOR NAME:

CLAIMING AGENCY NUMBER:

CLAIMING AGENCY NAME:

CLAIMING AGENCY PHONE NUMBER:

DISCLAIMER:

AS OF 06/21/17 AT 13:00 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

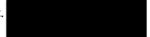
Wednesday, June 21, 2017 1:02 PM

To:

Nava, Elvia

Subject:

Scigon Solutions, Inc.



OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ****

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 13:01 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 1:03 PM

To:

Nava, Elvia

Subject:

SE3, LLC

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ***

OFFSET: 00 OF 00

VENDOR NAME: *

CLAIMING AGENCY NUMBER: *
CLAIMING AGENCY NAME: *

CLAIMING AGENCY PHONE NUMBER: *

DISCLAIMER:

AS OF 06/21/17 AT 13:02 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 1:03 PM

To:

Nava, Elvia

Subject:

Urban GIS, Inc.

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ****

OFFSET: 00 OF 00

VENDOR NAME:

CLAIMING AGENCY NUMBER:

CLAIMING AGENCY NAME:

CLAIMING AGENCY PHONE NUMBER:

DISCLAIMER:

AS OF 06/21/17 AT 13:02 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/ 10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

RR-16-4265

From:

Nash, Janiqua V

Sent:

Wednesday, June 21, 2017 1:04 PM

To:

Nava, Elvia

Subject:

Wang Engineering, Inc.

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

12:47 06/21/17

ACTION: S

VENDOR NUMBER= ***

VENDOR NAME:

CLAIMING AGENCY NUMBER:

CLAIMING AGENCY NAME:

CLAIMING AGENCY PHONE NUMBER: *

OFFSET: 00 OF 00

DISCLAIMER:

AS OF 06/21/17 AT 13:03 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ** PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

ENTER=PROCESS,

PF3=IOCM,

PF12=REFRESH

<u>DESIGN SECTION ENGINEER</u> FIRST SUPPLEMENTAL AGREEMENT

The Board of Directors, on the 22nd day of June, 2017, authorized this FIRST SUPPLEMENTAL AGREEMENT to be entered into by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY, an instrumentality and administrative agency of the State of Illinois, hereinafter sometimes referred to as "TOLLWAY", and AECOM TECHNICAL SERVICES, INC., a corporation authorized and existing within the laws of the State of Illinois, hereinafter sometimes referred to as "DESIGN SECTION ENGINEER".

WITNESSETH:

WHEREAS, the TOLLWAY selected the DESIGN SECTION ENGINEER from PSB 16-3, Item 1, and DESIGN SECTION ENGINEER entered into an agreement on March 23, 2017, to provide design section engineering services (hereinafter "Services") for Contract No. RR-16-4265 for Tri-State Tollway, Design Corridor Management; and

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

WHEREAS, DESIGN SECTION ENGINEER has submitted a proposal dated **June 1, 2017**, a copy of which is attached hereto as Exhibit "1", to provide said additional Services, and it is in the best interest of the TOLLWAY to accept said proposal.

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

ARTICLE I

General Provisions

Except as modified or changed herein, all terms, provisions and conditions contained in the original agreement between the TOLLWAY and the DESIGN SECTION ENGINEER dated March 23, 2017 ("Original Agreement") and commonly referred to as Contract No. RR-16-4265, shall govern this agreement and be in full force and effect, however, any changes to multipliers, unit costs, prices and/or rates of compensation shall only be applied to Services rendered solely under this Supplement pursuant to changes in the scope of work. The supplemental proposal attached as Exhibit "1" is hereby made a part of this Supplemental Agreement.

ARTICLE II

Time of Performance

The DESIGN SECTION ENGINEER shall perform the services herein in

Rev. 5/16/2017 Page 1 of 5

Contract RR-16-4265

accordance with the schedule included at Exhibit "A" in the attached proposal.

ARTICLE III

Reaffirmation of Original Agreement

All covenants and agreements contained in the Original Agreement made and entered into by and between the TOLLWAY and DESIGN SECTION ENGINEER and all prior Supplemental Agreements, if any, to provide Services for Contract No. RR-16-4265 for Tri-State Tollway, Design Corridor Management are reaffirmed and shall govern this Agreement as if fully set forth herein, it being the intent that this Agreement shall be a supplement to said agreement(s).

ARTICLE IV

Record Retention and Audit

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

The DESIGN SECTION ENGINEER shall maintain in the State of Illinois, for a minimum of five years from the latter of the date of completion of the CONTRACT or the date of final payment under the CONTRACT, adequate books, records, and supporting documents from an accounting system maintained in accordance with generally accepted accounting principles to verify the amounts, recipients, uses and methods of all disbursements of funds passing in conjunction with the CONTRACT. The five year record maintenance period shall be extended for the duration of any audit in progress at the time of that period's expiration. The DESIGN SECTION ENGINEER shall at its own expense make such records available in a timely manner for inspection and audit (including copies and extracts of records) as required by the Auditor General and other State Auditors, the Chief Procurement Officer for General Services, the Illinois Department of Transportation, and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents at all reasonable times and without prior notice. For purposes of this section, "timeliness" will be considered production within the time period specified by the Auditor General and other State Auditors, the Chief Procurement Officer for General Services, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, but no later than thirty days after a request for records being made unless otherwise agreed to by the parties. The DESIGN SECTION ENGINEER agrees to cooperate fully with any audit conducted by the Auditor General and other State Auditors, the Chief Procurement Officer for General Services, the Illinois Department of Transportation and the TOLLWAY's Inspector General, Internal Audit or other TOLLWAY agents, and to provide full access to all relevant materials. The auditors reserve the right to enter the DESIGN SECTION ENGINEER's place of business in order to audit the records. If they are not produced in a timely manner by the DESIGN SECTION ENGINEER, then the DESIGN SECTION ENGINEER shall reimburse the TOLLWAY or other State agency for the travel expenses of its auditors in the event that this right is invoked.

The obligations of this Section shall be explicitly included in any subcontracts or agreements formed between the DESIGN SECTION ENGINEER and any subcontractors or suppliers of goods and services to the extent that those subcontracts or agreements relate to fulfillment of the DESIGN SECTION ENGINEER's obligations to the TOLLWAY. Such subcontractor shall be required to comply with the terms and conditions of this Section and the TOLLWAY shall be entitled to enforce a breach of that contract.

Any audit adjustment will be submitted on a final invoice for any underpayment or overpayment to the DESIGN SECTION ENGINEER or its subcontractors. The DESIGN SECTION ENGINEER shall promptly reimburse the TOLLWAY for any overpayment, or the TOLLWAY at its option may deduct any overpayment from any funds due the DESIGN SECTION ENGINEER, whether those funds are due under this contract or other contracts to which the DESIGN SECTION ENGINEER is a party either directly with the TOLLWAY or as a subcontractor. In the event the DESIGN SECTION ENGINEER fails or refuses to reimburse the TOLLWAY for an overpayment, the DESIGN SECTION ENGINEER shall be responsible for all costs, including attorney fees, incurred by the TOLLWAY to collect such overpayment.

Failure to maintain or make available the books, records, and supporting documents required by this Section shall establish a presumption in favor of the TOLLWAY for recovery of any funds paid by the TOLLWAY under the contract for which adequate books, records and supporting documentation are not available to support their purported disbursement.

The DESIGN SECTION ENGINEER shall reimburse the TOLLWAY for the total costs of an audit that identifies significant findings that would benefit the TOLLWAY, including but not limited to reasonable attorney's fees and other expenses. Significant findings for the purposes of this provision shall be identified as an amount in excess of \$50,000 in aggregate of the audit report or findings of material performance or compliance deficiencies.

If the DESIGN SECTION ENGINEER fails to comply with these requirements, the DESIGN SECTION ENGINEER may be disqualified or suspended from bidding on or working on future contracts.

ARTICLE V

Compensation

The upper limit of compensation for said supplemental Services for Contract No. RR-16-4265 for Tri-State Tollway, Design Corridor Management performed by the DESIGN SECTION ENGINEER under the Original Agreement and including the services set forth herein, is hereby increased from \$ 32,993,500.00 by \$ 45,092,500.00 to \$ 78,086,000.00.

ARTICLE VI

Report of a Change in Circumstances

The DESIGN SECTION ENGINEER agrees to report to the TOLLWAY as soon as practically possible, but no later than 21 days following any change in facts or circumstances that might impact the DESIGN SECTION ENGINEER's ability to satisfy its legal or contractual responsibilities and obligations under this contract. Required reports include, but are not limited to changes in the DESIGN SECTION ENGINEER's Certification/Disclosure Forms, the DESIGN SECTION ENGINEER's IDOT prequalification, 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 FIRST SUPPLEMENTAL AGREEMENT for RR-16-4265 the day and year first above written.

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY By Chair/Executive Director-Signature Date	Senior Vice President-Signature Date
Chair/Executive Director-Signature Date Robert Schillerstrom/Greg Bedalov	Dense M. Casalino Printed Name as Signed Above
APPROVED: 7/12/17 Chief Financial Officer - Signature Date Michael Colsch	
APPROVED: Counsel - Signature Date Elizabeth Oplawski	

Attorney General, State of Illinois – Robert Lane - Signature Date

Approved as to Form and Constitutionality

ACTINH

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

FOR CONTRACT NUMBER RR-16-4265

This proposal, dated <u>June 1, 2017</u>, is submitted by <u>AECOM Technical Services</u>, <u>Inc.</u> of <u>Chicago</u>, <u>Illinois</u> for Design Section Engineer's Service.

DESCRIPTION/LOCATION OF DESIGN SECTION

The location of the construction Contract <u>RR-16-4265</u> for which we propose to provide Design Section Engineering Services is <u>Tri-State Tollway</u>, <u>Design Corridor Manager</u>, in <u>DuPage and Cook</u> County (Counties), Illinois.

REAFFIRMATION OF ORIGINAL AGREEMENT

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

SCOPE OF SUPPLEMENTAL DESIGN ENGINEERING SERVICES

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

FEE PROPOSAL

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

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

Rev. 3/1/2017 Page 1 of 5 EXHIBIT "1"

PAGE _____OF EXHIBIT "1"
Page 1 of 326

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

AGREEMENT LIMITS

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

The Upper Limit Compensation shall be increased

from \$ <u>32,993,500.00</u> by \$ <u>45,092,500.00</u> to \$ <u>78,086,000.00</u>.

RECORD RETENTION AND AUDIT - In compliance with the Illinois Procurement Code (30 III. 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.

Rev. 3/1/2017 Page 2 of 5 **EXHIBIT "1"**

PAGE ____OF EXHIBIT "1"

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.

<u>INVOICES</u> - 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 31st must be submitted to the TOLLWAY no later than February 28th 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

Rev. 3/1/2017 Page 3 of 5 EXHIBIT "1"

Officer for an alternative INVOICE submission date. DESIGN SECTION ENGINEER will request such approval or an INVOICE submittal extension no later than February 15th.

PARTIAL PAYMENTS

Partial payments to the DESIGN SECTION ENGINEER shall be made in accordance with the terms of the original agreement except that reference to the Total Estimated Fee and Upper Limit of Compensation, shall be interpreted to be the Amended Total Estimated Fee and Amended Upper Limit of Compensation.

REVISIONS TO SUPPLEMENTAL SCOPE OF WORK

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

Rev. 3/1/2017 Page 4 of 5 EXHIBIT "1"

PAGE ____OF EXHIBIT "1" Page **4** of **326**

THIS PROPOSAL FOR SUPPLEMENTAL DESIGN SECTION ENGINEERING SERVICES FOR

CONTRACT <u>RR-16--4265</u>

SUBMITTED BY:

FIRM NAME:

AECOM Technical Services, Inc.

ADDRESS:

303 E. Wacker Drive, Suite 1400

CITY, STATE &

ZIP CODE:

Chicago, IL 60601

TELEPHONE:

312-373-7700

FACSIMILE:

312-373-6800

SIGNED BY:

PRINTED NAME: Denise M. Casalino

TITLE:

Sr. Vice President

Rev. 3/1/2017

Page 5 of 5

EXHIBIT "1"

PAGE ____OF _EXHIBIT "1" Page 5 of 326



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 06/20/2017

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).

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PRO	DUCE	R larsh Risk & Insurance Services				CONTAC NAME:	T				
		A License #0437153				PHONE (A/C, No	, Ext):		FAX (A/C, No):		
	7	77 South Figueroa Street				E-MAIL ADDRES	SS:				
		os Angeles, CA 90017 ttn: LosAngeles.CertRequest@Marsh.Com						URER(S) AFFOR	RDING COVERAGE		NAIC#
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		ECOM ECOM Technical Services, Inc.					R C : Illinois Unio	n Insurance Co			27960
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	С	hicago, IL 60601				INSURE					Martin Martin
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									MED EXP (Any one person)	\$	3,000,000
									PERSONAL & ADV INJURY	\$	
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		HIRED AUTOS AUTOS							(Per accident)	\$	
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l	PRO	DESSIONAL LIAB.			"CLAIMS MADE"				Defense Included		
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Re: The insu	Tri-Sta Illinois irance i	non of operations / Locations / vehic te Tollway, Design Corridor Management - Con State Toll Highway Authority is named as addit is primary and non-contributory over any existin Contractual Liability is included in the General	tract N ional ir g insur	lo. RR- nsured ance a	16-4265 for GL & AL coverages, but only as and limited to liability arising out of the	respects v	work performed by	y or on behalf of t	he named insured and where requ	-	
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		linois State Toll Highway Authority				SHO	OULD ANY OF	THE ABOVE D	ESCRIBED POLICIES BE C	ANCEL	LED BEFORE
		700 Ogden Avenue Jowners Grove, IL 60515							EREOF, NOTICE WILL CY PROVISIONS.	BE DI	ELIVERED IN
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							th Risk & Insura				
1						James	L. Vogel				
Ш						James					

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POLICY NUMBER: BAP 5965893-08

COMMERCIAL AUTO CA 20 48 10 13

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED FOR COVERED **AUTOS LIABILITY COVERAGE**

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM BUSINESS AUTO COVERAGE FORM MOTOR CARRIER COVERAGE FORM

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

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

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured:

AECOM and Its Subsidiaries

Endorsement Effective Date:

04/01/2017

SCHEDULE

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

ONLY THOSE WHERE REQUIRED BY WRITTEN CONTRACT.

Any person or organization to whom or to which you are required to provide additional insured status or additional insured status on a primary, non-contributory basis, in a written contract or written agreement executed prior to loss, except where such contract or agreement is prohibited by law.

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

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

AECOM and Its Subsidiaries BAP 5965893-09 Eff 04/01/2017 A/WTR1

POLICY NUMBER: BAP 5965893-09

COMMERCIAL AUTO CA 04 44 10 13

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

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

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM BUSINESS AUTO COVERAGE FORM MOTOR CARRIER COVERAGE FORM

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

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured:	AECOM and its Subsidiaries	
Endorsement Eff	fective Date:	
04/01/2017		

SCHEDULE

Name(s) Of Person(s) Or Organization(s):	
Only those where required by written contract	
,	
Information required to complete this Schedule	, if not shown above, will be shown in the Declarations.

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

POLICY NUMBER: GLO 5965891-09

COMMERCIAL GENERAL LIABILITY CG 20 26 04 13

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – DESIGNATED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):	
Only those where required by written contract.	
Information required to complete this Schedule, if not shown above, will be shown in the De	eclarations.

- A. Section II Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by your acts or omissions or the acts or omissions of those acting on your behalf:
 - 1. In the performance of your ongoing operations:
 - 2. In connection with your premises owned by or rented to you.

However

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and

- 2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.
- B. With respect to the insurance afforded to these additional insureds, the following is added to Section III - Limits Of Insurance:

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

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

whichever is less.

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

AECOM and its Subsidiaries. GLO 5965891-09 Eff 04/01/2017 GACPI 1

Additional Insured-Owners, Lessees or Contractors (Primary Insurance)



		75320-000	2 1 0 2/1 0/ 1 0	04/01/2018	2102/10/10	60-1685365 075
Peturn Prem.	Add'l Prem	Producer No.	Eff. Date of End.	Exp. Date of Pol. Eff. Date of End.	Eff. Date of Pol.	Policy No.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the:

Commercial General Liability Coverage Par

SCHEDULE

Name of Person or Organization:

Only those as required by written contract

(if no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

- A. Section II Who is An Insured is amended to include as an additional insured the person or organization shown in the Schedule above, but only with respect to liability arising out of your ongoing operations performed for that additional insured.
- However
- 1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
- If coverage provided to the additional insured is required by a written contract of written agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the written contract or written agreement to provide for such additional insured.
- With respect to the insurance afforded to these additional insureds, the following is added to Section III Limits of Insurance;
- If coverage provided to the additional insured is required by a written contract or written agreement, the most we will pay on behalf of the additional insured is the amount of insurance:
- Required by the written contract or written agreement; or
- Available under the applicable Limits of Insurance shown in the Declarations;
- whichever is less.

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

EXHIBIT "1" Page **11** of **326**

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U GL 1981 B CW (94/13) Page 1 of 2

- C. For the purposes of the coverage provided by this endorsement:
- The following is added to the Other Insurance Condition of Section IV Commercial General Liability Conditions:

Primary and Noncontributory insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured provided that:

- The additional insured is a Named Insured under such other insurance; and
- You are required by written contract of written agreement that this insurance be primary and not seek contribution from any other insurance available to the additional insured.
- The following paragraph is added to Paragraph 4.b. of the Other Insurance Condition of Section IV Commercial General Liability Conditions:

This insurance is excess over:

Any of the other insurance, whether primary, excess, contingent or on any other basis, available to an additional insured, in which the additional insured on our policy is also covered as an additional insured on another policy providing coverage for the same "occurrence", offense, claim or "suit". This provision does not apply to any policy in which the additional insured is a Named Insured on such other policy and where our policy is required by a written contract or written agreement to provide coverage to the additional insured on a primary and non-contract or written agreement to provide coverage to the additional insured on a primary and non-contract or beautiful to a primary and non-contract or an experiment of the additional insured on a primary and non-contract or an experiment of the additional insured on a primary and non-

All other terms and conditions of this policy remain unchanged

U GL 1081 B CW (04/13) Page 2 of 2 AECOM and Its Subsidiaries GLO 5965891-09 Eff 04/01/2017 G/WTR1

POLICY NUMBER: GLO 5965891-09

COMMERCIAL GENERAL LIABILITY

CG 24 04 05 09

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US

This endorsement modifies insurance provided under the following:

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

SCHEDULE

Name Of Person Or Organization:	
Only those where required by written contract	
	i
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.	

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

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



CERTIFICATE OF LIABILITY INSURANCE

1/1/2018

DATE (MM/DD/YYYY)

6/19/2017

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 have ADDITIONAL INSURED provisions or be endorsed.

If SU	BROGATION IS WAIVED, subject certificate does not confer rights to	to th	e ter	ms and conditions of the	e polic	y, certain po	olicies may r		atement on
	ER Lockton Insurance Brokers, LLC		23.4		CONTAC				
	725 S. Figueroa Street, 35th Fl.			-	NAME: PHONE			FAX (A/C, No):	
	CA License #0F15767				(A/C, No E-MAIL	Ext):		(A/C, No):	
	Los Angeles CA 90017				ADDRES	3\$:			
	(213) 689-0065			ļ				DING COVERAGE	NAIC#
					INSURE	ra:*** SE	E ATTACI	HMENT ***	
INSURE	AFCOM			į	INSURE	RB:			
13925	AECOM Technical Services, Inc	.			INSURE	RC:			
	303 E. Wacker Dr., Ste. 1400				INSURE	RD:			
	Chicago IL 60601				INSURE	RE:			1
					INSURE				
COVE	RAGES AECTE01 CER	TIFIC	CATE	NUMBER: 1442439				REVISION NUMBER: XX	XXXXX
THIS INDIC CER EXCI	IS TO CERTIFY THAT THE POLICIES CATED. NOTWITHSTANDING ANY RE TIFICATE MAY BE ISSUED OR MAY LUSIONS AND CONDITIONS OF SUCH	QUIR PERT POLI	REMEI AIN, CIES.	RANCE LISTED BELOW HAV NT, TERM OR CONDITION THE INSURANCE AFFORDE LIMITS SHOWN MAY HAVE	/E BEE OF AN ED BY	CONTRACT THE POLICIES REDUCED BY I	THE INSURE OR OTHER I S DESCRIBED PAID CLAIMS.	D NAMED ABOVE FOR THE POL DOCUMENT WITH RESPECT TO	WHICH THIS
INSR LTR	TYPE OF INSURANCE	INSD	SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	(MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY			NOT APPLICABLE					XXXXX
	CLAIMS-MADE OCCUR							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ XX	XXXXX
								MED EXP (Any one person) \$ XX	XXXXX
								PERSONAL & ADV INJURY \$ XX	XXXXX
G	EN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGATE \$ XX	XXXXX
	POLICY PRO- LOC								XXXXX
-	OTHER:							\$	
Α.	UTOMOBILE LIABILITY		+	NOT APPLICABLE				COMBINED SINGLE LIMIT \$ XX	XXXXX
F	ANY AUTO								XXXXXX
	OWNED SCHEDULED							7 12	
	AUTOS ONLY AUTOS NON-OWNED							PROPERTY DAMAGE & VX	XXXXXX
	AUTOS ONLY AUTOS ONLY							(Per accident) A A	XXXXXX XXXXXX
	UMBRELLA LIAB OCCUR			NOT APPLICABLE				EACH OCCURRENCE \$ XX	XXXXX
	EXCESS LIAB CLAIMS-MADE								XXXXX
	DED RETENTION \$							s XX	XXXXXX
	ORKERS COMPENSATION		N	SEE ATTACHED ACORD	101	1/1/2017	1/1/2018	X PER OTH-	
	ND EMPLOYERS' LIABILITY NY PROPRIETOR/PARTNER/EXECUTIVE			SEE AT IACHED ACORD	101	1/1/2017	17172016		000,000
l of	FICER/MEMBER EXCLUDED?	N/A	1					E.L. DISEASE - EA EMPLOYEE \$ 1.0	
lf :	ves, describe under							E.L. DISEASE - POLICY LIMIT \$ 1.0	
D	ÉSCRIPTION OF OPERATIONS below		-					L.L. DIOLAGE - FOLIOT LIMIT \$ 1.0	700,000
THIS CE	PTION OF OPERATIONS / LOCATIONS / VEHIC RTIFIC ATE SUPERSEDES ALL PREVIOUSLY ISSU of Cancellation applies per attached endo	JED CE	ERTIFIC	CATES FOR THIS HOLDER, APPLICA	ABLE TO	THE CARRIERS L	ISTED AND THE	POLICY TERM(S) REFERENCED	
CERT	IFICATE HOLDER				CAN	CELLATION	See Atta	chments	
					CAN	CELLA HON	Sec Alla	iciniiciiis	
	14424398 Illinois State Toll Highway Auth 2700 Ogden Ave. Downers Grove IL 60515	ority	<i>(</i>		THE	EXPIRATIO	N DATE TH	DESCRIBED POLICIES BE CANCEL EREOF, NOTICE WILL BE DE CY PROVISIONS.	
					AUTHO	RIZE		A	

14424398 Illinois State Toll Highway Authority 2700 Ogden Ave. Downers Grove IL 60515	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED
	The state of the s

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ACORD 101

Policy #	Issuing Company	State(s) Covered
0910715	The Insurance Company of the State of Pennsylvania - NAIC #19429	ОН
014629409	The Insurance Company of the State of Pennsylvania - NAIC #19429	FL
014629410	The Insurance Company of the State of Pennsylvania - NAIC #19429	ME
014629404	The Insurance Company of the State of Pennsylvania - NAIC #19429	IL,KY
014629408	The Insurance Company of the State of Pennsylvania - NAIC #19429	MA,ND,OH,WA,WI,WY
014629406	American Home Assurance Company - NAIC #19380	CA
014629407	The Insurance Company of the State of Pennsylvania - NAIC #19429	AK, AL, AR, AZ, CO, CT, DC, DE, GA, HI, IA, ID, IL, IN, KS, KY, LA, MD, MI, MN, MO, MS, MT, NC, NE, NH, NJ, NM, NV, NY,OK, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WV
014629403	The Insurance Company of the State of Pennsylvania - NAIC #19429	IL,WA - NWP Entity Only
014629405	The Insurance Company of the State of Pennsylvania - NAIC #19429	CO,ID,NM,SC,TN - NWP Entity Only
014629411	The Insurance Company of the State of Pennsylvania - NAIC #19429	TN - project specific policy for CH2M Oak Ridge, LLC
014629412	The Insurance Company of the State of Pennsylvania - NAIC #19429	NV Combat Support Services

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement changes the policy to which it is attached effective on the inception date of the policy unless a different date is indicated below.

(The following "attaching clause" need be completed only when this endorsement is issued subsequent to preparation of the policy).

This endorsement, effective 12:01 AM 1/1/2017

forms a part of Policy No. SEE ATTACHED ACORD 101

Issued to

AFCOM

AECOM Technical Services, Inc.

By *** SEE ATTACHMENT ***

LIMITED ADVICE OF CANCELLATION TO SCHEDULED ENTITIES (WORKERS' COMPENSATION ONLY)

This policy is amended as follows:

In the event that the Insurer cancels this policy for any reason other than non-payment of premium, and

- 1. the cancellation effective date is prior to this policy's expiration date;
- 2. the **Named Insured** or, if applicable, any other employers named in Item 1 of the Information Page is under an existing contractual obligation to notify a certificate holder(s) when this policy is canceled (hereinafter, the "Certificate Holder(s)") and the **Named Insured** has provided the **Insurer**, either directly or through its broker of record, either:
- (a) the name of the entity shown on the certificate, a contact name at such entity and the U.S. Postal Service mailing address of each such entity; or
- (b) the email address of a contact at each such entity; and
- 3. prior to the effective date of cancellation, the **Named Insured** confirms to the Insurer, either directly or through its broker of record, that the persons or organizations set forth in the Schedule below, as well as their respective addresses listed, should continue to be a part of the Schedule and, if not, the names of the persons or organizations that should be deleted,

the **Insurer** will provide advice of cancellation (the "Advice") to each such Certificate Holder(s) confirmed by the **Named Insured** in writing to be correctly a part of the Schedule within 30 days after the **Named Insured** confirms the accuracy of the Schedule below with the **Insurer**; provided, however, that if a specific number of days is not stated above, then the Advice will be provided to such Certificate Holder(s) as soon as reasonably practicable after the **Named Insured** confirms the accuracy of the Schedule below with the **Insurer**.

Proof of the **Insurer** emailing the Advice, using the information provided and subsequently confirmed by the **Named Insured** in writing, will serve as proof that the **Insurer** has fully satisfied its obligations under this endorsement.

This endorsement does not affect, in any way, coverage provided under this policy or the cancellation of this policy or the effective date thereof, nor shall this endorsement invest any rights in any entity not insured under this policy.

The following definitions apply to this endorsement:

- 1. Named Insured means the first named employer in Item 1 of the Information Page of this policy.
- 2. Insurer means the insurance company shown in the header on the Information Page of this policy.

WC 99 00 58 (Ed. 04/11)

Attachment Code: D461827

Master ID: 1392522, Certificate ID: 14424398

Contract Information Sheet

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

Consultant Name:	AECOM Technical Services, Inc.
Contract Number:	RR-16-4265
Proposal Date:	6/1/2017

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:

RR-16-4265

Consultant:

AECOM Technical Services, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

									Gra	ind Total	Grand Total Exhibit A Hours	A Hours	176,695
					Q X	NTHS of	MONTHS of YEAR 2017	711					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	Juc	Aug	Sep	ö	Nov	Dec	
Design Corridor													
Management							2220	2220	2220	2220	2220	2220	13320
Design Section													200
Engineering													
					44 di								
111,44													
		_											
TOTALS		-					2220	2220	2220	2220	2220	2220	13320

EXHIBIT "1" Page **17** of **326**

Consultant:

AECOM Technical Services, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

					1	MONTHS of VEAD 2048	VEAD 20	97					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	וויר	Aug	Sep	Oct	Nov	Dec	
Design Corridor Management	2220		2220	2220	2220	2220	2580	2460	2460	2460	2460	2460	28200
Design Section Engineering	1120		1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	13440
TOTALS	3340	3340	3340	3340	3340	3340	3700	3580	3580	3580	3580	3580	41640

Consultant:

AECOM Technical Services, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

													!
					Ö	MONTHS of YEAR 2019	YEAR 20	119					HOURS
TASK	Jan	Feb	Mar	Apr	May	unc	Jul	Aug	Sep	Oct	Nov	Dec	
Design Corridor Management	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	29520
Design Section Engineering	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	1120	13440
TOTALS	3580	3580	3580	3580	3580	3580	3580	3580	3580	3580	3580	3580	42960

Consultant:

AECOM Technical Services, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

					OM	MONTHS of YEAR 2020	YEAR 20	120					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	lnC	Aug	Sep	Oct	Nov	Dec	
Design Corridor Management	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	29520
Design Section Engineering	1120	1120	1120										3360
											:		
													-
TOTALS	3580	3580	3580	2460	2460	2460	2460	2460	2460	2460	2460	2460	32880

EXHIBIT "1" Page **20** of **326**

Consultant:

AECOM Technical Services, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

					O¥	MONTHS of YEAR 2021	YEAR 20	21					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	la La	Aug	Sep	Oct	Nov	Dec	
Design Corridor													
Management	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	29520
Design Section													
Engineering													
Ar March													
TOTALS	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	2460	29520

Consultant:

AECOM Technical Services, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

					MO	MONTHS of YEAR 2022	YEAR 20	22			No.		TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Inc	Aug	Sep	Oct	Nov	Dec	
Design Corridor Management	1085	1085	1085	1085	1085	1085	1085	1085	1085	1085	1085	1080	13015
Design Section									3	8			2
Engineering													
TOTALS	1085	1085	1085	1085	1085	1085	1085	1085	1085	1085	1085	1080	13015

840

840

840

840

TOTALS

3360 TOTAL HOURS **AECOM Technical Services, Inc.** Dec Nov Oct Sep **EXHIBIT A: ESTIMATED TASK WORK HOURS** Aug **MONTHS of YEAR 2023** Consultant: 크 Jun May 840 Apr 840 Mar 840 Feb RR-16-4265 840 Jan Contract Number: TASK Design Corridor Management Design Section Engineering

Contract No.:	RR-16-4265	Consultant: _	AEC	OM Technical S	ervice	s, Inc.
	EXHIB	SIT B: FEE CALC	ULATIONS			
A. DIRECT LABO	OR (without overtime)					
	176,695.00 X (Total Work Hours from Exhibit C-2)	\$ 53.83 (Average Hourly Rate from Exhibit C-2)	= ТОТА	L DIRECT SALARY	\$	9,511,491.85
	ltiplier to be used on this project: Allowable Multiplier = (2.8 DSE) (2	.5 or 2.8 CM) (2.5 PMO)			2.80
	DIRECT I	REGULAR SALA	RY TIMES M	ULTIPLIER	\$	26,632,177.18
C. SERVICES BY	r Prime Consultant listed above.) Y OTHERS		тот/	AL DIRECT COSTS		\$2,367,065.82
	tal Allowable Fee DBE/MBE/WBE	Subconsultant (from E	xhibit H) \$	12,800,482.00		
Total Allowab	le Fee Non-DBE/MBE/WBE Subcol	nsultant (from Exhibit	H (cont)) \$	1,292,775.00		
			TOTAL SERV	ICES BY OTHERS	\$	14,093,257.00
D. ADDITIONAL	SERVICES (Prime Consultant	•	\$ uires prior author	1,300,000.00 ization before use)		
ADDITIONAL	SERVICES (Subconsultants)	(Rea	\$ uires prior author	700,000.00		
			TOTAL ADDIT	•	\$	2,000,000.00

E. MAXIMUM ALLOWABLE FEE (Upper Limit of Compensation)

\$ 45,092,500.00

EXHIBIT "1" Page **25** of **326**

100.00%

The escalation factor for this project is:

Contract No.:	RR-16-4265	Consultant:		AECOM Technical Services, Inc.
Date:	6/1/2017			
	EXHIBIT C-1:	EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	SCALATION TABLE	
	CONTRACT TERM:	. 70	No. OF MONTHS	
	SCHEDULED START DATE:	7/1/2017		
	RAISE DATE:	1/1/2018		
	PERCENT OF RAISE:	%0		
	ESCAL	ESCALATION PER YEAR Year 1 through 5	hrough 5	
7/1/2017 - 12/31/2017	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
Date Date	te Date Date	Date Date	Date Date	Date Date
70.0	70.0	70.0	70.0	70.0
8.57% Factor First Period	17.14% Escalation Factor Second Period	17.14% Escalation Factor Third Period	17.14% Escalation Factor Fourth Period	17.14% Escalation Factor Fifth Period
	ESCAL	ESCALATION PER YEAR Year 6 through 10	irough 10	
1/1/2022 - 12/31/2022	2022 - 4/30/2023	1	1	1
Date Date	te Date Date	Date Date	Date Date	Date Date
70.0	70.0	70.0	70.0	70.0
17.14% Escalation Factor Sixth Period	5.71% Index Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period

RR-16-4265 Contract No.:

Consultant:

AECOM Technical Services, Inc.

6/1/2017 Date:

Escalation Factor:

100.00% (From Exhibit C-1)

	EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES	CLASSIFICA	TION MAN-	HOURS AND	RATES		DIRECT COST OVERTIME PREMIUM	COST PREMIUM
					Total Estimated Work Hours:	176,695.00	Total Estimated O/T Hours:	
					Average Hourly Rate:	\$53.83	Average Premium O/T Hourly Rate:	
	'Yes' must be selected in	d in Column A	A nr		Total Direct Labor	\$9,511,491.85	Total Overtime Premium:	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Average Hourly Rate for Classification (See Note A to (See Note B to Right)	Escalated Average Hourly Rate for Classification (See Note B to	Estimated Work Hours (Including	Escalated Average Premlum Overtime Hourly Rate (See Note C to	Estimated Overtime Hours (Overtime Hours Only) (See Note D to
N _O	Principal	\$50.00	\$70.00		\$70.00	2,400.00		
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	51,500.00		
No	Senior Engineer/Planner	\$40.00	\$70.00	\$70.00	\$70.00	23,800.00		
No	Resident Engineer	\$40.00	\$70.00	\$70.00	\$70.00	895.00		
N _o	Project Engineer/Planner□	\$25.00	\$60.00	\$48.15	\$48.15	47,700.00		
S _O	Staff Engineer/Planner	\$20.00	\$40.00	\$35.75	\$35.75	16,700.00		
S.	Engineer /Accountant	\$20.00	\$60.00	\$34.20	\$34.20	900.00		
S _O	Senior Technical Specialist	\$25.00	\$60.00	\$46.15	\$46.15	900.00		
No	Technical Specialist	\$15.00	\$50.00	\$38.25	\$38.25	14,300.00		
2	Architect	\$30.00	\$70.00	\$67.40	\$67.40	300.00		
9 V	Realty Specialists	\$20.00	\$70.00					
_						•		•

Admin/Clerical

Intern

ટ Š

3,000.00 14,300.00

\$20.00 \$29.10

\$20.00

\$8.25 \$8.25

\$40.00

\$29.10 \$20.00

Contract No.: RR-16-4265 Consultant: AECO	M Technical Services, Inc.
---	----------------------------

Date: 6/1/2017

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	Department Discipline ManagerStru	Vimawala, Dipal	\$50 - \$70
Project Manager	Program Manager.I.Civil	Robertson, Reid	\$40 - \$70
		Young, Richard	
		Young, Richard J.	
	Project Manager I. Structural	Pregmon, Matthew	
	Project Manager.I.Transportation	Boyd, Troy	
		Fahoum, Nabil	
		Malinowski, Bridget	
	Project Manager.II.Buildings	Barani, Louis	
	Project Manager.II.Civil	Lehan, Matt	
		Eichten, Michael	
	Project Manager.II.Structural	Benting, Keith	
		Goodfriend, Arthur	
	Project Manager.II.Transportation	Littrell, Joanna	
		Smith, Brian	
	Project Manager.III.Transportation	Canimore, Brett	
		Corey, Dan	
		Heilstedt, Jeffrey	
		Lavigne, Michel	
		Susinskas, Kestutis	
	Program Manager.III.O	Lewis, John	
	Engineering ManagerGeneral	Alkhayri, Firas (Ross)	
		Schultz, Carl	
		Sines, Lenore (Denise)	
		Wolford, Michael	
	Project Manager.II.Mechanical	Noonan, Frank	
	Senior Manager, ITS/Traffic	Letourneau, Matthew	
Senior Engineer/Planner	Business Development Mgr.II.Busine	Sulaiman, Zaid	\$40 - \$70
	Consulting ManagerTechnical Soluti	Newell, Craig	
		Nyman, Timothy	
	Systems Analyst.II.Information Tech	Knobloch, Erett	

Contract No.:	RR-16-4265	Consultant	:AECOM	Technical Services,	Inc.
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Date: 6/1/2017

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Engineer.II.Engineer	Tessiatore, Robert	
	Engineer.II.Mechanical/HVAC	McCollum, Michael	
7-10-to 10-		Alonso, Maria	
		Push, James	
	Engineer.III.Electrical	Farsatis, John	
	Engineer.IV.Civil	Colbrook, James	
Parting garage.	Engineer.IV.Engineer	Smith, Nick	
	Engineer.IV.Electrical	Almanza, Jose A.	
	Engineer.IV.Structural	Jean-Mary, Enency	
	Engineer.IV.Transportation	Crispi, Jon	
		Walsh, Thomas	
	Planner.IV.Planning	Belszek, Henry	
		Gander, Mark	
	Project Engineer.I.Structural	Childress, Donald G.	
		Sandoval, Jason	
	Project Engineer.I.Electrical	Cevicius, James	
	Project Engineer.II.Civil	Dumas, Michael D.	
	Project Engineer.II.Structural	Ozimok, Eric	
W	Project Engineer.II.Transportation	Hatton, Larry	
	Senior Structural Engineer	Smith, Dean Yon	
		Tippett, James	
	Technical Leader.I.OPCO	He, Jixing	
		Nash, Cheryl	
		Yousif, Edward	
	Technical Leader.II.OPCO	Borchardt, Tracy	
	Technical Specialist.III.Technical	Flanders, Shawn	
	Project Engineer.III.Civil	Whalen, Timothy	
	Project Engineer.III. Electrical	Stermer, William	
	Associate Principal Landscape	Inouye, Michelle	
sident Engineer	Resident Engineer-Field.II.Constructi	Kim, Eugene	\$40 - \$70
		Powers, James	
	Professional-Various.Administration	Flannigan, William	

Contract	No.:	RR-16-4265

Consultant: AECOM Technical Services, Inc.

Date: 6/1/2017

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Project Professional, IX CVL	Lukas, John	
	Resident Engineer	Spencer, John	
Project Engineer/Planner□	Designer.III.Civil	Patel,Pankaj	\$25 - \$60
		Talarico, Nicholas	
	Designer.IV.Architecture	Englund, Jason	
	Engineer.l.Electrical	Finner, Brent	
		Henry, Luke	
	Engineer.I.Structural	Hartsfield, Kennedy	
	Engineer.I.Mechanical/HVAC	Bielskus, Algirdas	
		Michel, Ryan	
	Engineer.II.Civil	Haider, Ism	
		Olson, Kent	
	Engineer.II.Transportation	Becker, Andrew	
	Engineer.III.Mechanical/HVAC	Stevens, Christopher	
	Engineer.III.Structural	Walker, Richard	
	Engineer.III.Transportation	Liss, Connor	
	Environmental Planner	Ross, Michelle	
	Planner.III.Planning	Filippone, Gina	
	Software Deveoper.II.Information Te	Rathinasamy, Yamunadevi	
taff Engineer/Planner	Engineer.l.Civil	Billiot, Matthew	\$20 - \$40
		Dominguez, Emmanual	
		Hanegraaf, Eric	
		Hayes, Edmund	
		Jarosz, Kim	
	Engineer.I.Structural	Kando, John	
		Xiao, Yijing	
	Engineer.I.Transportation	Compton, Kyle	
	Engineer.II.Structural	Kluender, Clayton	
ngineer /Accountant	Accountant.I.Finance/Accounting	Frison, Shelly	\$20 - \$60
	Accountant.II.Project Accounting	Loid, Deborah	
enior Technical Specialist	CADD.Technician.III.CADD/Drafting	Auyeng, Henry	\$25 - \$60
	CADD Drafter II. General	Van Hoose, Bradley	

Contract No.:	RR-16-4265	Consultant:	AECOM Technical Services, I	nc.
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Date: 6/1/2017

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	CADD Drafter.II.Structural	Bucher, Jason	
		Ibrahim, Sarhadoon	
		St. Angelo, Ben	
	Graphic Artist.II.Marketing	Szceblowski, Chanda	
	WEB DeveloperInformation Techno		
	999.GlobalUnassigned	Baughman, Robert	
		Brenner, Keith	
Technical Specialist	Construction Adminstrator.II.Constru	O'Connor, Kathleen N. (Katie)	\$15 - \$50
<u> </u>		Romiti-Johnson, Irma	
	Document Controls CoordinatorPro	Hinton, Marcita	
	Project Control Specialist.ProjSuppor		
	Resident Engineer-Field.I.Constructi		
_	Visualization Specialist.General	Medeck, Chris	
		Murphy, Christopher	
		Xiong, Pao Ye	
	Word Processor.I.Adminstration	Cho, Young	
	Scientist.III.I	Bulthaup, Bridget	
Architect	Architect.II.Landscape	Lomonico, Mark	\$30 - \$70
	Architect.III.Architecture	Hegg, Jeffrey	
		Hokanson, Karl	
	Architect.IV.Architecture	Blood, David	
		Dylewski, Mark	
		Packer, Jonas	
	Project Manager.I.Architecture	Dahlberg, James	
	Project Manager.II.Architecture	Hardt, John	
		Kehoe, Stephen	
Realty Specialists			\$20 - \$70
ntern	InterVarious	Bryan, Elizabeth	\$8.25 - \$20
W- 4.		Jensen, Samantha	
		Meulhausen, Arianne	
		Olson, Michael	
		Porada III, Joseph	

Contract No.: RR-16-4265 Consultant: AECOM Technical Services, Inc.	
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Date: 6/1/2017

Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Reum, Briana	
	Tseng, Arthur	
Doc Controls Coord.Project Support	Soldat, Jennifer	\$8.25 - \$40
Document Controls Coordinator	Ryan, Mary Jo	
Project Administrator.III.F	Childress, Beverley	
	Nelson, Tracy	
	*	
	(specific to each company) Doc Controls Coord.Project Support Document Controls Coordinator	(specific to each company) (SEE NOTE 1 TO RIGHT) Reum, Briana Tseng, Arthur Doc Controls Coord.Project Support Document Controls Coordinator Ryan, Mary Jo

Contract No.:	RR-16-4265	Consultant:	AECOM Technical Services, Inc.
		EXHIBIT D	
	REIMBURSABLE DI	RECT COSTS - WORKS	HEET ESTIMATES
Α.	VEHICLE REIMBURSEMEN' http://www2.illinois.gov/cms/E		
В.	ALLOWABLE DIRECT COS http://www.illinoistollway.com/	<u>/documents/10157/2389762</u>	
C.	ITEMIZED DIRECT COSTS - Allowable Direct Costs list, from the Chief Engineer pri	written permission must l	be received
	Train Fare		
	Taxi Fare		
	Mobile Application Develop	oment	
	Permitting Fees (various ag	gaencies)	
	Permit Apllication Fees		
	Railroad Agreement Fees		
	Utility Agreement Fees		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$2,367,065.82

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)
	Coach Pata with 2 weeks

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)

Vehicle Half-day Rate

Parking

Actual Cost

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

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.:	RR-16-4265	_ Consultant:	AECOM Technical Services, Inc.
	<u> </u>	XHIBIT E - KEY PROJECT PE	RSONNEL
Project Principal:			
Project Manager:		Richard Young	
Project Engineer:		Bridget Malinowski	
Resident Engineer:		MARK .	
Documentation	Engineer:		· · · · · · · · · · · · · · · · · · ·
Project Civil Er	igineer:	Tracy Borchardt	
Project Structu	ral Engineer:	Robert Tessiatore	
Project Drainage Engineer:		Nick Smith	
Senior Enginee	er:		
Others:	Name:	John Farsatis	
	Classification:	Flectrical Design	
	Name:	Frank Noonan	
Classification: Name: Classification:		Mechanical Design	
		Michael Eichten	
		QA/QC Roadway	
	Name:	Matthew Pregmon	
	Classification:		

EXHIBIT F

Contract No. RR-16-4265
AECOM Technical Services, Inc.
SCOPE OF SERVICES

EXHIBIT F

SUPPLEMENT NO. 1 SCOPE OF WORK

Design Corridor Manager Tri-State Tollway 95th Street to Balmoral Avenue

Contract No. RR-16-4265

Illinois State Toll Highway Authority

June 1, 2017

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I. ITEMS OF WORK TO BE INCLUDED IN CONTRACT RR-16-4265

The Design Corridor Manager (DCM) for Contract RR-16-4265 shall provide design corridor management and Design Section Engineer (DSE) for the referenced project, as per the requirements of the Tollway's Design Section Engineer's Manual, dated March 2017, as amended by the Tollway, and herein specified. The design criteria and policies, Standard Specifications, materials and construction requirements of the Illinois State Toll Highway Authority (Tollway) shall apply to all portions of the improvement under Tollway jurisdiction. The design criteria and policies, materials and construction requirements of the Illinois Department of Transportation or applicable local agency shall apply outside the Tollway jurisdiction area.

The project program is a 6 year \$3.996 billion project as presented and approved by the Illinois Tollway Board on April 27, 2017. This scope of work supersedes any previous scope of work on this contract.

In accordance with the Tollway's Design Section Engineer's Manual, dated March 2017, as amended by the Tollway, and as otherwise noted below, the design corridor management services for the above project shall include but not be limited to, the following:

A. DESIGN CORRIDOR MANAGEMENT (DCM)

The DCM services for the project will include the following:

1. Design Management:

The DCM will provide project design management services for the contract. The DCM will provide a project lead that will be the single point of contact for the project and will be responsible for overall management of the project and coordination and management of the various project contracts prepared by others. The DCM shall regularly coordinate and meet with the project consultants (DSEs, Design Upon Request (DUR) consultants, Survey Upon Request (SUR) consultants, Land Acquisition consultants, Geotechnical Services Upon Request consultants, Utility Coordination, SUE consultants, and Tollway Departments (including but not limited to Maintenance and Operations, Business Systems, Tollway Engineering, Toll Services, ITS, Land Acquisition, Communications and Planning.

- A. The DCM will assist the Tollway in identifying services required to be performed by other contracts and preparation of associated scopes of work and project schedule documents for such contracts. The DCM will assist in reviewing and coordinating project consultants project reporting. The DCM shall coordinate between various contracts prepared by others to document that tasks are completed within established schedules in order to meet project need.
- B. The DCM will provide recommendations for contract packaging based upon project priorities and criteria. The DCM will prepare associated exhibits and reports.
- C. The DCM will be required to monitor project consultant progress and work-in-progress and project status with respect to project schedule and budget. The DCM will maintain a corridor design and construction schedule. The DCM will maintain a corridor construction cost estimate.

D. Design reviews for conformance to Tollway standards, manuals and corridor consistency.

2. Design Consistency:

Ensuring consistency and designing elements of the corridor. Coordination and project management of design contracts. The DCM will be the single point of contact between the Tollway and project consultants and will be responsible for delivery of project contracts through the design phase in accordance with established Tollway schedules and budget. The DCM scope of work includes coordinating corridor design issues and establishing project design criteria, maintaining a corridor decision log, ensuring plan consistency (pay items, special provisions, plan format, etc.), preparing plan transmittal memos and letters and distributing plans to the Design Review Team for review, coordinating and tracking plan submittals and coordinating plan reviews with Design Review Team; gathering, tracking and disseminating review comments; ensuring review comments are uploaded to the web based system for reviewer and DSE review; chairing, facilitating and preparing meeting minutes for design review meetings; ensuring that review comments are incorporated in bid documents; resolving design comment issues; coordinating preparation and processing of project design deviations; coordinating submittal of DSE Barrier Warrant Analyses; ensuring that project commitments are incorporated in bid documents; preparation of Staff Summary Sheets; preparation of contract liquidated damage calculations, submittal of DSE cost estimates to Tollway Cost Estimating Group; review of DSE cost estimates; preparation of corridor special provisions; facilitating final plan check meetings; assign corridor designs to individual DSEs for application across corridor; identification of special details and conditions; corridor plan review (maintenance of traffic, drainage, etc.).

- A. The DCM will provide project management services and serve as the single point of contact for DSE contracts per requirements outlined in Tollway design management procedures.
- B. The DCM will maintain corridor design criteria, corridor exceptions log, and corridor design deviation log.
- C. <u>Senior Technical Advisor Support:</u> The DCM will provide a team of Senior Technical Advisors to assist the Tollway with independent reviews of design development concepts being prepared by DSEs for select complex project elements. This team will consist of senior technical staff with expertise in complex structural and geotechnical design, railroad engineering, and environmental remediation. Senior Technical Advisors will be engaged at the request of the Tollway. The DSE preparer of each work product will retain full responsibility for the quality and content of work products and no transference of responsibility for Errors and Omissions shall occur from the DSE to the DCM as a result of the DCM's Senior Technical Advisor involvement. The DCM will lead and participate in discipline working groups to develop corridor standards and specifications and provide solutions to corridor issues. Discipline groups include but are not limited to: Roadway, Structures, ITS, and Fiber, 3-D design implementation, and Drainage/Environmental.
- D. DSE/DUR Project Management Support:
 - Provide support during the DSE/DUR contracting phase. Services may include assistance
 with development of the scope of services and schedule. It is assumed that Tollway staff
 will lead the overall contract negotiation effort. For DUR contracts, support services will
 include maintaining an overall inventory of Central Tri-State program task order
 assignments.

- Provide guidance to DSE's/DUR's during initiation and development of design services to facilitate consistency with corridor-wide design requirements, including identification of special conditions and details based on issues identified through the concept design development process. This includes maintenance of a corridor decision log.
- Provide design review and coordination support to the Tollway PM including providing limited, focused reviews of key deliverables at milestones to check that contract and key design requirements are met. Particular attention will be focused on checking deliverables and comment dispositions for compliance with external agency comments and for providing input to DSE's for common and reoccurring Tollway review comments.
- Monitor DSE/DUR progress for Central Tri-State program budget and schedule compliance. Provide support pertaining to contract bid preparation, including preparation of contract liquidated damage calculations, and preparation of corridor special provisions.
- Support the Tollway PM in coordinating with the Tollway's Contract Services Department
 during the Central Tri-State contract advertisement and bid phase. This consists of:
 transmitting DSE submittals (DSEs are responsible for submitting bid documents to the
 DCM in conformance with schedule requirements); preparing the Advertisement for
 Sealed Bids (A-1) page; Advertisement Authorization Document and associated memos.
 Also included is coordination with Tollway Contract Services Department with respect to
 submittal and processing of Contract Addenda, including review of DSE addenda
 submittals. The DCM will coordinate with DSEs during the bid phase including
 coordination of responses to bid inquiries. The DCM will attend and, as required, chair
 pre-bid meetings.
- E. For budgeting purposes, it is assumed that the DCM will be responsible for the management of up to 2 ongoing or pending DSE/DUR contracts, plus up to 16 future DSE/DUR contracts during a portion of the DCM contract term. Coordination will also be required with EOWA DCM and designers.
- F. SUR Project Management Support:
 - Maintain a comprehensive database of field surveys for the Central Tri-State project. This
 database will serve as a compilation of data and documentation pertaining to Central TriState field survey data, included data compiled through the concept design development
 and subsequent final design efforts.
 - Coordinate field survey requirements and information with individual DSE's through the design development process. This includes providing available survey data to DSE's.
 - It is anticipated that all field surveys required to support further design development will be performed by others (DSEs/DURs/SURs).
- G. Geotechnical DUR Project Management Support:
 - Maintain a comprehensive database of geotechnical data, investigations, and reports for the Central Tri-State project. This database will serve as a compilation of geotechnical data and documentation, included data compiled to date through the concept design development, as well as remaining geotechnical investigations/reports to be compiled through final design.
 - Coordinate geotechnical engineering requirements and information with individual DSE's through the design development process. This includes providing available geotechnical

data and reports to DSE's, as well as necessary coordination with geotechnical DUR consultants.

- H. SUE DUR Project Management Support:
 - The DCM will assist the Tollway's SUE DUR Project Manager by reviewing Central Tri-State SUE requests for reasonableness and redundancy prior to such request being sent to the Tollways SUE DUR contractor.
- I. Environmental Project Management Support:
 - The DCM will assist the Tollway development of the scope of services and schedule for Phase I and Phase II Environmental Site Assessment (ESA) services including preparation of associated Land Acquisition Environmental Technical Memoranda.
 - Provide guidance to DSEs during initiation and delivery of services to document compliance with the Tollway's Environmental Studies Manual and the latest Tollway's Traffic Noise Policy, facilitate consistency with corridor-wide requirements and to transfer relevant information developed through prior project development efforts.
 - Facilitate coordination between the DSEs and other involved members of the Central Tri-State team, including DSE's/DUR's, the Central Tri-State Land Acquisition team, and the Tollway.

3. Project Reviews:

Performing DSE/DUR submittal reviews maintenance of traffic reviews, traffic phasing for interim conditions and for conditions during construction. The DCM will review the project as a corridor for design consistency.

- A. Central Tri-State Design Review Management: The DCM will coordinate and facilitate the overall Central Tri-State design review process with the Tollway Design Review Team as well as all involved external reviewing agencies and parties. This effort includes distribution of DSE deliverables for internal (Tollway and DCM team) and external agency reviews; tracking and compiling review comments; facilitating resolution of review issues; checking DSE comment disposition for completeness and consistency with Central Tri-State design guidelines; facilitating final plan check meetings. This includes maintenance of the Central Tri-State design review comment log. Individual DSE's are solely responsible for appropriately addressing design review comments from internal (Tollway and DCM) and external reviewers, and for ensuring that appropriate revisions are incorporated into final plans, specifications and estimates.
- B. DSE/DUR Limited Design Reviews: The DCM will perform limited reviews of DSE/DUR roadway plan submittals with a focus on the following: compliance with concept design, sustainability and environmental commitments; compliance with corridor-wide design element requirements; design consistency between adjacent DSE sections and construction contracts. Individual DSE's will be responsible for the accuracy and correctness of their respective submittals. For budgeting purposes, it is estimated that up to 24 construction plan sets will be reviewed at up to three separate junctures (following Preliminary, Pre- final and Final Plan submittals), The DCM will also review up to 14 DSE Concept Design Review Memoranda. Reviews will be performed for select disciplines only as noted below by professional staff with technical expertise in the following areas:

- Maintenance of Traffic/Construction Staging Roadway, Signing and Striping
- Drainage & Erosion Control, Tolling and ITS
- Compliance with the Tollway's Environmental Studies Manual, the Tollway's Traffic Noise Policy, and regulatory agency commitments and guidance
- Compliance with the INVEST Project Development Manual
- Utilities, Landscaping (including new Systemwide Landscape Master Plan), and Aesthetics, FAA Design Requirement Compliance
- Railroad Design Requirement Compliance
- The intent of these reviews will be to assess consistency with corridor design standards. They will not include detailed review of DSE plans, calculations, special provisions or other work products, and will not be meant to replace QA/QC procedures by the responsible DSEs. The DSEs/preparer of each work product will retain full responsibility for the quality and content of work products and no transference of responsibility for Errors and Omissions shall occur from the DSE to the DCM as a result of the DCM's limited review of DSE work products.
- C. Land Acquisition DUR Limited Reviews: For Land Acquisition DURs, the DCM will conduct limited reviews of DUR plat of acquisition submittals focused only on consistency with ROW needs as defined by individual DSEs/DURs. It is assumed that the DCM will not be responsible for performing technical reviews of land acquisition submittals, nor of checking survey documents against Tollway checklists and legal descriptions against titles, as these reviews would be conducted by other consultants via separate contract to the Tollway.

4. Constructability Review:

Performing DSE/DUR submittal reviews including constructability reviews for interim conditions and for conditions during construction. The DCM will review the project as a corridor.

5. <u>Lessons</u> Learned

Lessons learned will be incorporated into all phases of DCM services. A tracking and recording of all lessons learned will be developed and transmitted to the Tollway DPM and PM prior to incorporation.

6. Construction Management:

Coordination with Construction Managers including coordinating DSE submittals of construction revisions and providing applicable corridor design information to CMs.

- A. Coordinate construction issues as they relate to work being performed by DSE's on the corridor through design development and construction through the duration of the DCM contract. The DCM will monitor constructability issues within the corridor to assist in the identification, awareness, and resolution of similar type items during the development of plans by individual DSE's.
- B. Perform independent constructability reviews of DSE plan submittals in compliance with Tollway Constructability Review Guidelines. For budgeting purposes, it is estimated that up to 20 construction plan sets will be reviewed for constructability during this period. The DCM will perform constructability reviews at the direction of the Tollway PM.
- C. The DCM will provide limited support to address select design issues and questions encountered during construction. It is anticipated that DCM support will be limited to the following: AET/ITS,

drainage, regulatory issues, landscaping and aesthetics, signing, and project commitments. It is assumed that any design related issues encountered during construction will be identified and addressed by the CCM/CM team and involved DSE's via the Tollway RFI process, with the DCM providing limited support as described above.

7. Land Acquisition:

Coordination and project management of contracts associated with temporary easements for construction and permanent easements for access, drainage, utilities, etc. as needed. The DCM scope of work includes preparation of a corridor land acquisition schedule, coordinating DSE and DUR preparation and submittal of plat of acquisition documents with the Tollway's Land Acquisition Department and coordinating status of land acquisition with the Tollway. The DCM will coordinate right of way requirements (ROW), including temporary easements, with DSEs/DURs such that project schedules are maintained. Central Tri-State Land Acquisition Program Management Support: The DCM will continue to support the Illinois Tollway with management of the overall Central Tri-State land acquisition program as needed to track location, status, and purchase schedule for all required privately and publicly held right-of-way (ROW). The Central Tri-State Land Acquisition Tracking Tool will be maintained and updated through the DCM contract duration to reflect design phase refinements and to track status of various ongoing land acquisition activities. Activities for this effort may include the following: overall work flow status review for ongoing ROW activities being performed by the Tollway and associated SUR's; facilitating resolution of land acquisition status and review issues; supporting upload of final ROW documents to the iROW system and e-Builder. The DCM will be the single point of contact between the DSEs and Design Upon Request (DUR) and consultants providing Land Acquisition services for the project. The DCM will be the single point of contact with the Tollway Land Acquisition Department and will chair and facilitate regular coordination meetings with the Tollway Land Acquisition Department. This effort will include coordination with the EOWA contracts.

- A. Coordination and Project Management of Contracts Associated with Land Acquisition
 - 1) Provide land acquisition analysis for the corridor. Perform additional field survey to mitigate GIS interpretation of parcels with actual, on-the-ground surveys as needed. Perform boundary analysis on parcels. Land Acquisition Surveys: Review title boundary information. Locate PLSS section corners. Research for previously completed monuments and verify existing monumentation. Set & swing the monuments. Reduce field notes and locations. Verify monument record and provide signed and sealed letter affirming this fact. Reset and prepare new Monument Record Plat and record, if necessary. Prepare staking plan and stake ROW
 - 2) Throughout the Central Tri-State project, the DCM will work to identify additional land acquisition needs and prepare supplemental Value Engineering analysis and if necessary obtain additional ALTA title commitments. For budgeting purposes, up to 10 additional parcels are assumed. Title Commitments, if needed, are included as a reimbursable direct cost.
 - 3) DSE Platting and Tollway Review Coordination: Pursuant to processing the ROW document reviews, the DCM will coordinate distribution of documents to the Tollway's designated Review Team. This includes: tracking and compiling review comments; facilitating resolution of review issues; and confirming that review comments are incorporated into final ROW documents through use of the Tollway's Web Based Project Management System
 - 4) Prepare weekly status reports and monitor the ROW document finalization effort.
 - 5) Utilize the Tollway's GIS based Right-of-Way Tracking Tool for the purpose of initiating the acquisition of each parcel. Efforts include data input and quality assurance review and

technical support as needed to document that weekly database updates are maintained through the duration of the DCM contract.

- B. ROW Requirements Design Coordination: The DCM Land Acquisition Task Manager will serve as the single point-of-contact with Tollway DSEs/DURs/SURs to confirm ROW requirements for individual Central Tri-State construction contract packages. This will include review of potential DSE revisions to ROW requirements or need dates, as well as coordination with DSE's related to potential ROW modifications identified by the Tollway Land Acquisition team. The DCM will verify and finalize all ROW requirements, and coordinate final requirements. Upon final identification of the needed lands, the DCM shall obtain an ALTA Title Commitment for potential additional ROW parcels
- C. It is assumed that DSEs/DURs/SURs shall be wholly responsible for obtaining all additional needed Plats of Survey and/or Plats of Acquisition for each identified parcel other than what is discussed in items A and B.
- D. The DCM will be responsible for preparation of Land Acquisition Environmental Technical Memoranda for future acquisitions of parcels involving potential environmental conditions. The DCM team will use Tollway requirements and will support the Tollway with coordination, review and tracking of technical memoranda.
- E. Land Acquisition Plats and Documents: Review Title and ROW survey documents. Prepare Plats of Acquisition as required. Prepare Legal Descriptions as required. Update Tollway GIS with required features. Provide independent Review for Plat of Acquisition and Legal Descriptions.
- F. Verification: Verify plats against the needs of the Tollway. Review to determine that the proposed right of plats accurately reflect the Tollway recommended right of way requirements.
- G. Land Acquisition Costs: Track right of way costs and any associated Project Initiation Requests (PIR) and Project Change Request (PCR).

8. Survey:

Coordination and project management of contracts associated with survey. The DCM scope of work includes preparation of a corridor survey schedule and coordinating survey deliverables and schedules with the project consultants and Tollway. The preparer of each work product will retain full responsibility for the quality and content of work products and no transference of responsibility for Errors and Omissions shall occur from the preparer to the DCM as a result of the DCM's limited reviews.

- A. Field Survey Limited Reviews: For Field Survey deliverables, the DCM will conduct limited technical review of DSE consultant survey submittals. This consists of checking survey documents against Tollway checklists, as well as geographic limits, datums, details and controls.
- B. Environmental Survey Limited Reviews: DCM reviews will be limited to technical reviews of Phase I and Phase II ESA's for select prepared by the DSE's. The preparer of each work product will retain full responsibility for the quality and content of work products and no transference of responsibility for Errors and Omissions shall occur from the preparer to the DCM as a result of the DCM's limited reviews. The DCM review will include assessment to determine that the DSE has complied with ESA procedures identified in the Tollway's Environmental Studies Manual, including the analytical

analysis of contaminants associated only with Potentially Impacted Properties (PIPs), as well as conclusions derived.

- C. Utility Limited Reviews: The DCM will not conduct technical reviews of Quality Level B and Quality Level A designations. The appropriate reviews will be performed by the involved DSE.
- D. Right of Way Investigation Survey: The DCM will perform right of way investigation surveys for up to 10 parcels as requested by the Tollway.

9. Geotechnical:

Coordination and project management of contracts associated with geotechnical studies. The DCM scope of work includes preparation of a corridor geotechnical schedule and coordinating geotechnical deliverables and schedules with the DSEs and Tollway. The DCM will also manage and track the boring program to document consistency in the quantity and location of DSE boring requests.

10. Environmental:

Coordination and project management of contracts associated with environmental studies, regulatory agency permits and commitments. Through coordination with the applicable agencies, the DCM will determine permitting requirements and time required to obtain such permits. The DCM will submit the required permit applications and coordinate with DSEs and the Tollway to document that permits are acquired in accordance with the project schedules. The DCM will provide a technical review of the traffic noise analysis performed during the Master Plan and revise and update to be compatible with the selected preferred alternate and the latest Tollway Traffic Noise Policy. The DCM will manage and implement the Central Tri-State INVEST Project Development Process.

The DCM will attend workshops and work with DSE's to streamline project evaluations. The DCM will prepare the Corridor 30% Design Project INVEST Scorecard, Corridor 60% Design Scorecard and Corridor 95% Design Scorecard. All DSE 95% Scorecards will be reviewed and assimilated into the overall As-Designed Corridor Scorecard. INVEST work will also include facilitating construction handoff to ensure appropriate sustainable practices are described to the CM. The DCM will also provide a summary of highlights and lessons learned from Planning through Final Design.

11. Utilities:

Coordination and project management of contracts associated with utility investigations. The DCM will serve as the single point of contact for the utilities. The DCM will document the DSE/DUR utility coordination and impact identification in order to manage the project schedules. The DCM will coordinate with the Tollway Utility Department to document that project required agreements and permits are processed. The DCM will also compile utility coordination conflict logs from DSEs so that status of coordination can be monitored. The DCM will be the single point of contact with the Tollway Utility Department and will chair and facilitate regular coordination meetings with the Utility Department and Utility Companies.

- A. The DCM will serve as the central point of contact for Central Tri-State design phase utility coordination and will interface between the DSE's, the Tollway Utility Department, and the utilities.
- B. Utility Orientation: Prepare materials and presentations to affected utilities apprising them of the Central Tri-State project and needed modification to utilities in the right of way.
- C. Utility Database Development and Maintenance: Manage and update the master utility database through the contract duration.
- D. Utility Master Plan: Manage and update the master utility plan which will serve as a guiding document for DSE's/DUR's. The plan will incorporate planned utility improvements identified by providers, identify conflicts related to the Central Tri-State improvements, and define required maintenance of service during construction. The plan will serve as the starting point for DSE's to further examine the engineering requirement of each of the affected utilities.
- E. Advance Relocation Requirements: Identify and facilitate resolution of advanced utility requirements or long lead items in coordination with involved DSEs/DURs, the Tollway, and involved utility owners.
- F. Uniform Standards and Specifications and Force Account Relocation Coordination: A variety of specification and standards will be encountered across a number of utilities. For municipal utilities, the DCM will review standards and specifications and attempt to resolve conflicting standards and establish guidance for final designers. For other utilities to be relocated via force account}, the DCM will coordinate the utility relocation requirements and schedule with each respective provider with the objective of facilitating utility relocations per schedule requirements.
- G. DSE Coordination: Specific utility oriented meetings will be held with DSE's/DUR's for the duration of the contract to exchange information that affects the development of utility design requirements and phasing requirements. These meetings are in addition to other DSE coordination itemized in other tasks. These meeting provide a focused dialogue on the subject of utilities and will be used to convey utility provider data and information, address maintenance of service issues, identify temporary facility needs, and reconcile standards and specification requirements. The DCM will monitor the NOI process through relocation to document that work orders and all necessary up front work is being completed in a timely manner.
- H. Field Oversight: The DCM will not provide field oversight services during construction; it is anticipated that others will provide these services via separate contract to the Tollway. However, as projects transition from design phase to construction phase, the DCM will coordinate with the CCM to help transition responsibility for facilitating and monitoring utility relocations and utility service connections. The DCM will provide CM services for the advance utility relocation projects until the CM has received NTP.
- Utility Service Connections: The DCM will maintain a log of utility service connections for new electrical and gas services. Key utility service connection information will be tracked including service connection locations, points of contact, and service need dates.
- J. Coordination with Utilities: The DCM will lead and facilitate ongoing direct coordination with utility owners through the duration of the DCM contract. For budgeting purposes, it is assumed that up to 30 meetings will be required annually. Coordination with the utilities presumes service agreements would be established to reimburse utilities for appropriate services and costs via agreement. The DCM will provide required assistance to the Tollway to support development of utility agreements. Costs for these utility agreements/relocations are assumed to be covered via separate Tollway contracts or agreements.

K. Utility Relocation Costs: Track utility costs and any associated Project Initiation Requests (PIR) and Project Change Request (PCR).

12. Program Controls:

The DCM scope of work includes preparing design schedules and monitoring DSE construction cost estimates and schedules such that total corridor cost and schedule can be tracked and reported as necessary; monitoring corridor scope of work; preparation of corridor design and construction schedules. The DCM is responsible for the corridor budget and schedule and will be required to track overall budget and schedule and report such on a regular basis. The DCM will also review DSE construction cost estimates and schedules during the design phase and resolve conflicts between DSE costs and construction schedules to document compatibility during construction. The DCM will maintain data directly in EcoSys, Catapult, P6, and the Tollway's WBPM. Data will include but not be limited to: corridor estimates, budgets, budget changes, annual forecasts, EAC, schedules, MSRs and other reports as needed. The DCM will set up and attend monthly book meetings for all contracts within the Central Tri State Corridor.

- A. Scheduling: The DCM will develop and manage the overall Central Tri-State Master Program Schedule in coordination with individual DSEs and the Tollway. The schedule will identify and track progress of schedules related to program implementation status, including: DSE schedules, DUR/SUR schedules, construction letting schedules, and construction schedules. The DCM will coordinate the overall Central Tri-State program schedule with involved DSEs. The DCM will utilize a WBS that is compatible with EcoSys and P6 reporting, coordinating with the PMO. This will include review of DSE recommended schedules for compliance with overall program requirements and facilitating resolution of potential scheduling conflicts. The DCM will also incorporate construction schedule data from the Tollway Central Tri-State Construction Team (CCMs, CMs, PMO) into the Corridor Master Program Schedule for construction related activities based on information provided by Tollway Construction Project Managers, the Construction Corridor Manager and individual Construction Managers. The DCM will provide schedule updates to the PMO as requested for inclusion in Master Program Schedule reporting as well as other reporting needs.
- B. Budget Management: The DCM will review and manage the overall Central Tri-State Corridor Budget in coordination with the Tollway, the PMO, and other involved agencies. Effort will include: preparation of annual Central Tri-State budget recommendations in the format required; development and updates to proposed project budgets (including PIR's/PCR's validation, routing and Catapult, E- Builder and EcoSys system entry); budget change management and documentation including support for preparation of associated Staff Summary Sheets for proposed scope/schedule/budget revisions; management and updates to the Central Tri-State budget by fund source, including tracking and reporting of funding and in-kind services by others.
- C. Cash Flow/Earned Value: The DCM will coordinate MSR submittals in E-builder and monthly accruals for the Central Tri-State program including entry into the Catapult system. The DCM will also prepare project cashflow reporting to Tollway, PMO and other agencies as directed. The cashflows will be prepared annually or as needed to provide Tollway with detailed project forecast spending information to support annualized and total project funding needs. The DCM will prepare quarterly variance analysis of the Central Tri-State annual cash flow and provide the PMO in the timeframe and format required to comply with submission to Finance.

- D. Risk Management: The DCM will perform Risk Management tasks: Developing and using the Central Tri-State Risk Management Tool, the DCM will monitor and evaluate risks on an ongoing basis. The DCM will meet regularly with key Tollway, Central Tri-State project staff and the PMO to review and update risk status and action plans.
- E. Performance Reporting: The DCM will maintain and update the overall Program Performance Dashboard Report for the Central Tri-State through the contract duration. For budgeting purposes, it is assumed that a monthly status report will be generated reporting performance related to program goals and objectives.
- F. Central Tri-State Implementation Plan Management: Maintain and update the overall Central Tri-State Implementation Plan and Master Contract Packaging Plan based on an individual sections and construction contract packages of the Central Tri-State program. Recommended updates will be coordinated with the Tollway, PMO, and with involved DSE's/DUR's. Effort for this task will generally consist of the following: review and coordination of the overall Central Tri-State Implementation Plan to provide on-schedule completion of ongoing sections of the Central Tri-State; analysis of scheduling/sequencing options for future project sections; review and coordination of scheduling/sequencing options for project sections being implemented by other agencies and adjacent improvements planned by the Tollway and other agencies; management and updates to the initial contract packaging concept (identified during prior Central Tri-State concept design efforts) to reflect changed conditions during final design and DSE recommendations. The DCM will maintain an overall Central Tri-State Implementation Plan exhibit illustrating the timeframe and sequence for Central Tri-State program implementation, as well as an overall Central Tri-State Construction Packaging exhibit illustrating individual construction contracts.
- G. Construction Materials Inventory: The DCM will review construction material requirements through the duration of the DCM contract. This effort will be coordinated with the PMO for compatibility with program-wide estimating and material requirements.
- H. Estimating: The DCM will review the overall Central Tri-State corridor cost estimates in coordination with individual DSE's, the PMO, and Tollway. Corridor estimating will consist of the following:
 - Manage the preliminary and final construction estimates through the contract duration.
 DSE's will provide construction estimates to the PMO and DCM at required intervals, and
 the DCM will incorporate estimates into the Master Corridor Budget with input from the
 PMO. Likewise, the DCM will incorporate construction cost data into the Master Corridor
 Budget in coordination with the Construction Corridor Manager and individual
 Construction Managers. The CCM and CM's will be responsible for compiling and
 validating construction cost data and providing information to the DCM to incorporate into
 the overall Master Program Budget.
 - The DCM will coordinate PMO reviews of DSE construction cost estimates for Central Tri-State construction contract packages, currently estimated at up to approximately 18 ongoing or pending contracts during the DCM contract duration.
 - The DCM will be responsible for bid phase estimate coordination and review of bid analysis bid recommendation memos for Central Tri-State contracts.

I. Program Implementation Service Needs: Assist the Tollway with identifying and maintaining an inventory of future professional service needs required to advance the Central Tri-State implementation plan.

13. External Coordination:

The DCM will provide a point of contact for outreach and provide information to the DSEs on the Corridor based on that outreach.

- A. <u>State/Local Agency Coordination:</u> Coordination with IDOT and other Local Agencies including but not limited to: Cook County Forest Preserve District, MWRDGC, Cook County, and DuPage County. The DCM will coordinate with the adjacent Agencies early in the process and support efforts to partner with them. The DCM will review overall construction programs of other agencies to identify potential conflicts with Central Tri-State project work and coordinate such conflicts with affected agencies.
 - Provide design coordination of the Central Tri-State with involved rail operators and agencies including the Federal Railroad Administration (FRA), and the CN, BNSF, CP and UP railroads as well as Metra. ICC coordination will be included as needed.
 - Provide ongoing design coordination of the Central Tri-State with involved agencies including IDOT, county, municipal, and transit agencies. This includes facilitating coordination with the IDOT Detour Committee, participating in agency standing meetings, facilitating coordination required for development and approval of interagency and conducting one-on-one working meetings to address agency-specific issues. For budgeting purposes, up to 20 agency coordination meetings are assumed during the contract duration.
 - 3) Coordinate interface of Central Tri-State projects with construction programs of other agencies to identify and coordinate potential conflicts with Central Tri-State schedule.
 - 4) Coordination with regulatory agencies pertaining to permitting.
 - Coordination of Intergovernmental Agreements and/ or permits with IDOT, Counties, Local Agencies, Airports and Railroads. The DCM shall be the main single point of contact with the affected agencies and will track and document that all project related agreements and permits are secured for each construction contract. The DCM shall regularly meet with the affected agencies and coordinate project issues with the Tollway, DSEs and other affected parties. The DCM will provide information required for Intergovernmental Agreements. The DCM will draft required Railroad Agreements for use and review by the Tollway. Tracking logs will be developed and monitored for coordination and reporting purposes.
- B. <u>User Department:</u> Coordination with Tollway User Departments, including but not limited to, Executive Office, Toll Services, Maintenance and Traffic Operations and Business Systems. The DCM shall arrange and chair coordination meetings with the Tollway User Departments and shall provide DSEs with relevant information to document that bid documents address applicable requirements. This task includes outreach coordination and staffing meeting, and Tollway Chairman's workshops/guarterly meetings.

- Prepare for and participate in monthly coordination meetings pertaining to the Central Tri-State with Tollway Executive Leadership during the contract duration. Effort includes preparation of meeting agendas, handouts, and associated supporting materials.
- Prepare Central Tri-State Briefing Reports for Tollway Executive Leadership, officials, and stakeholders. Preparation of up to 6 Briefing Reports is assumed during the contract term.
- 3) Prepare for and participate in meetings with Tollway Departments and key technical staff pertaining to the Central Tri-State. This includes preparation of meeting agendas and materials, chairing coordination meetings, and soliciting required input to the design development process. Up to 6 meetings are assumed during the contract term.
- C. <u>Adjacent Contracts:</u> The DCM will coordinate with the South Access Study as it relates to improving traffic at the 95th Street interchange as well as coordination with the EOWA DCM at the tie-in with I-294.
- D. Public Coordination: Public Coordination services including, but not limited to, those associated with the project Local Advisory Committee. Coordination with project stakeholders including; airports, communities, business organizations, general public and other interested parties. The DCM scope of work includes coordination of public outreach meetings and regular agency coordination meetings, preparation of corridor exhibits and chairing meetings with interested parties as requested; preparation of project information that can be distributed to interested parties; participation in public meetings including providing project presentations; coordination with Tollway Communications Department and providing corridor information and exhibits; providing project presentations. The DCM will prepare exhibits and meet with Local Agencies and IDOT to discuss project impacts to Local and IDOT facilities (including cross road traffic and drainage impacts). The DCM will track and maintain a log of permits, agreements, etc. required from IDOT and Local Agencies, railroads and utilities.
 - The DCM will provide continued support for Central Tri-State public coordination efforts and will serve as the overall Central Tri-State Program Communications Liaison with the Tollway Communications Department.
 - 2) Fact Sheets/Newsletters/Brochures: Assist the Tollway Communications Department with preparation of required public coordination materials such as project updates, eNewsletters, and fact sheets. Up to 12 such documents are anticipated.
 - Local Advisory Committee (LAC: Prepare for and facilitate coordination with the LAC including: meeting logistics; preparing meeting agendas and presentation materials; chairing meetings as requested; preparing meeting summaries; facilitating ongoing coordination with LAC members. For budgeting purposes, up to 12 LAC Meetings are anticipated.
 - 4) Elected Official Briefings/Mayor's Meetings: Prepare for and support meetings with elected officials including: preparing meeting agendas, handouts and presentation materials; providing support during meetings as requested; and preparing meeting summaries. Up to 30 such meetings are anticipated.
 - 5) Community Outreach: This includes the following effort for community outreach events: scheduling; meeting logistics; preparing meeting agendas and presentation materials; chairing meetings as requested; and preparing meeting summaries. Up to 10 such meetings are anticipated.

- 6) Site Tours Visits: Staff would be made available to support the Tollway Communications Department or host up to 5 site visits.
- Miscellaneous Event Coordination: Staff would be made available to support the Tollway Communications Department in preparations for up to 2 special events for the Central Tri-State.
- 8) Mailing List/Database/Sharepoint: Update the Central Tri-State project mailing list through the Tollway SubscriberMail system to facilitate email or mail communications. A Sharepoint site will also be maintained to facilitate the exchange of outreach materials with Tollway staff and contactors
- 9) Graphics Production: Prepare graphics (including video) and exhibits to support the Central Tri-State public coordination effort through the contract duration. It is assumed that up to 8 graphics will be developed.
- Media/Press Releases: Assist the Tollway Communications Department with preparation of materials for media kits and press releases. It is assumed that up to 6 press releases will be prepared during the contract duration.
- 11) Response to Public Comments: Assist the Tollway Communications and Engineering Departments with responses to public comments and requests for information. It is assumed that up to 50 responses will be prepared during the contract duration.
- Public Meetings: Prepare for and conduct Public Meetings with the public. For budgeting purposes, it is assumed that the meetings would be conducted in an open-house format, including, if requested, a court reporter. The DCM will be responsible for meeting logistics and advertisements, preparation of meeting exhibits and handouts, and preparation of PowerPoint presentation materials. It is assumed that up to 2 Public Meetings will be conducted.
- The DCM services and costs include the following reimbursable direct expenses related to the public involvement program: room rental; court reporter services; newsletter production and mailing; reproduction and display board production; meeting advertisement.

14. Administration:

Administrative support including, but not limited to, preparation of project correspondence, scheduling meetings, preparation of meeting agendas and meeting minutes, Web Based Management administration and communication.

15. Web Based Project Management:

The DCM will be required to utilize the Tollway's Web Based Project Management System for all official project communications.

- A. The DCM will support management of project documents through the Tollway's Web Based Project Management System. The DCM will check for user compliance with the work instructions and procedures relating to its use through periodic audits.
- B. The DCM will maintain the Central Tri-State project file management system, including SharePoint and ProjectWise. This management system is intended to facilitate sharing of information and collaboration amongst Central Tri-State DSEs/DURs and other involved parties. This effort includes

obtaining documents and reference materials from DSEs, the Tollway, involved agencies, and others, and uploading and maintaining this information on the Central Tri-State SharePoint or Box or ProjectWise sites. While information will vary by design section and construction contract, it may include one or more of the following; Design-Phase submittals, Review Comments, Comment Dispositions, Barrier Warrant Analyses, CADD files, Meeting Minutes, Bid Documents, and Construction Addenda. This effort also includes posting and maintaining other pertinent corridor-wide information including the Central Tri-State Master Corridor Schedule, Central Tri-State Google Earth layers, Agency Standards, Agency Manuals, Contract Tracking Log, reference materials, contact lists, data sharing/file transfer portals, external meetings calendar and field work schedule.

C. The DCM will maintain the Central Tri-State project library, including hard copies and CDs of project submittals and advertised plan sets.

B. CORRIDOR-WIDE DESIGN GUIDANCE AND COMPLIANCE MONITORING

The DCM will provide continuing Corridor-Wide Design Guidance and Compliance Monitoring support services for the Central Tri-State as required to facilitate corridor-wide design consistency, to facilitate compliance with project commitments, and to secure permits and agreements from involved agencies and parties.

1. <u>Corridor Manual and Design Guidelines Updates</u>

The DCM will maintain and update the Central Tri-State Corridor Manual throughout the contract duration. Electronically-based, the Central Tri-State Corridor Manual will provide Central Tri-State Project- Specific Procedures, Design Guidelines and other relevant information to be used by Central Tri-State DSE's/DUR's. The Corridor Manual contents will help facilitate consistency of design and design treatments and consistency of plan development throughout the Central Tri-State program. Additionally, information in the Corridor Manual will help facilitate fulfillment of environmental and other commitments by providing relevant information and procedures to Central Tri-State designers.

- A. The DCM will facilitate identification of lessons learned through the contract duration and prepare Lessons Learned documentation. The focus will be to identify potential improvements and efficiencies and to share them with follow-on designers and contractors. The Lessons Learned will be considered a living document.
- B. The DCM will maintain and update corridor-wide concept design for select elements of the Central Tri-State program as required to provide design guidance to individual DSE's. This effort will be focused on select design disciplines and elements as described below.
 - 1) Signing and Sign Fabrication Inventory Management: The DCM will maintain and periodically update a corridor-wide signing concept plan. This plan will provide required guidance to DSE's/DUR's related to interim and final signing plan requirements for the Central Tri-State. The DCM will also maintain and update a corridor-wide sign panel inventory and associated sign fabrication requirements and will facilitate related coordination with the Tollway Sign Fabrication Shop.
 - 2) Construction Staging/MOT: The DCM will maintain and periodically update Central Tri-State Construction Staging and Traffic Management concept exhibits. These exhibits are intended to facilitate management of traffic through the project during the construction phase, and facilitate coordination of construction staging between adjacent construction sections.
 - 3) Drainage: The DCM will maintain sub watershed drainage design awareness for key design criteria (including detention, water quality volume, compensatory storage, and major system elements) in order to support coordination of adjacent DSE contracts and to meet overall corridor design objectives. The DCM will provide corridor drainage concept design for select portions of the corridor as required to address key design issues prior to initiation of final design efforts. The DCM will issue and prepare corridor wide direction via updates of the Corridor Manual to DSEs for the purposes of communicating lessons learned or changes in corridor policy/direction.
 - 4) Earthwork Management: The DCM will maintain a Central Tri-State Earthwork Management program throughout the contract duration. This Central Tri-State Earthwork Management Program will be regularly updated based on earthwork estimates obtained from Central Tri-State DSEs following milestone plan submittals.

- 5) Aesthetics: As a continuation of integration of the overall Central Tri-State aesthetic design concept in to project design development process, the DCM will provide continued corridor-wide design guidance related to aesthetic design elements. The DCM will identify, document and develop aesthetic design concepts for the Central Tri-State corridor. This will include preparation of related drawings and rendering, as well as coordination and review with the Tollway and other involved stakeholders. Updated aesthetic design guidelines will be developed and provided to DSE's/DUR's, coordinated for approval as appropriate with involved agencies as part of the Central Tri-State design review coordination process and Intergovernmental Agreement process. Development of aesthetics design specifications.
- 6) 3-D Design implementation guidance: as this is new to the Tollway, the DCM will provide guidance and manual updates as needed to provide consistency in the information being delivered to the Tollway.
- C. <u>Stormwater BMP Guidelines:</u> The DCM will develop guidelines and standards for the corridor for temporary and permanent stormwater solutions.
- D. <u>Exceptions and Deviations Log</u>: corridor design criteria exceptions and Tollway standards design deviations logs will be reviewed and maintained by the DCM. The DCM will provide recommendations for acceptance of corridor criteria exceptions will be made to the Tollway for approval.

2. Permitting Support

The DCM will maintain a comprehensive inventory of required permits for the Central Tri-State including their required schedule, pre-requisites, and application content. The DCM will coordinate and review permitting requirements with assigned DSE's for individual construction contracts, and will serve as the point of contact for coordination with involved permitting agencies.

The DCM will prepare, support and facilitate processing of select regulatory permits. For budgeting purposes, it is assumed that responsibilities and procedures for securing required permits will be as follows.

- A. Section 404 Permit Application: The DCM will prepare and coordinate the Individual Section 404 permit and Section 401 Water Quality Certification for the Central Tri State. This will include ongoing coordination with the USACE, USFWS, USEPA, IHPA, IDNR and IEPA and other resource and regulatory agencies as required. Wetland impacts, both jurisdictional and isolated will be itemized and compensatory mitigation will be identified and coordinated. The permit application materials will also be in accordance with the Illinois Interagency Wetland Policy Act.
- B. Section 404 Permit Modifications: The DCM will facilitate and support implementation of the overall Central Tri-State 404 permit through the DCM contract duration. The primary mechanism will be the preparation of permit modification packages for each construction contract. The permit modification applications will contain the following information: a grading plan; soil/erosion control plan; drainage plan; Best Management Practices incorporated in the drainage plan; water quality volume calculations, wetland impacts; and preparation of the application narrative. This task includes DCM effort for the preparation and submission of approximately 8 permit modification applications, with the understanding that associate design plan details are to be provided by the responsible DSE/DUR.
- Section 404 Permit Compliance Tracking: The DCM will facilitate the preparation of various tracking logs, schedules and summaries to track the status of wetland impacts, waters impacts,

and water quality volume goals versus the originally reported impacts in the overall 404 permit application. This includes tracking this data by contract as well as by sub watershed for compliance monitoring. The DCM will also coordinate with the Tollway, their consultants, and USACE during the DCM contract duration with regard to the 3-year BMP Maintenance and Monitoring program. The DCM will provide background information, clarifications, and analysis of originally intended design versus observed conditions in the field. Up to 8 meetings are anticipated for this effort.

- D. Section 401 Water Quality Certification: The DCM will continue to evaluate each construction contract to confirm that appropriate conditions of the 401 certification are met. The DCM will provide the Tollway with required support for unforeseen issues associated with clarification of original 401 certification documents or additional background.
- E. DuPage County Stormwater Coordination: Per latest direction from DuPage County Stormwater, each contract need not be submitted for review. However, in select cases on projects where DuPage facilities are involved, the DCM will provide coordination with DuPage County to document that the intent of their stormwater ordinance is satisfied by the project. No permits will be required, but satisfying the intent of the ordinance is expected.
- F. IWPA Wetland Mitigation Impact Assessment. The DCM will develop a report for the IDNR per the Interagency Wetland Policy Act of 1989 addressing compliance with the Act, wetland impacts throughout the corridor and the mitigation plans developed to offset those impacts.
- G. Cook County Stormwater Coordination (via MWRDGC): On projects with Cook County jurisdiction, appropriate stormwater coordination with MWRDGC (ordinance authority) and Cook County will be initiated by the DCM to confirm that the intent of their stormwater ordinance is satisfied by the project. On Tollway led and administered projects, permits are required when providing new outfalls or modifying existing outfalls, and satisfying the intent of the ordinance is expected. On projects administered by Cook County or local agencies, permits may be required and the DCM will facilitate securing these permits with input from involved DSEs/DURs.
- H. Wetland Mitigation Permitting: The wetland mitigation will likely be outside the project area, therefore regulatory permitting is anticipated to include 404, 401, floodway construction permits. The DCM will assess permitting requirements and prepare/process required permit applications in coordination with the Tollway and will provide support for the identification and development of wetland mitigation site(s) as requested. Actual design of wetland mitigation site(s) or restoration thereof including Monitoring Reports is not included. However, the DCM shall review all Wetland Mitigation Management and Monitoring Plans and collaborate with the Tollway on their development and finalization.
- I. Threatened and Endangered Species Coordination. Biological Assessments will be prepared as required for T&E species. Individual Take Authorizations(s) will also be prepared as necessary. Coordination with Resource Agencies will take place as necessary.
- J. Cultural Resources. Although unlikely, Section 106/4(f) documentation will be prepared for cultural/historic resources.
- K. Erosion Control: The DCM will coordinate with Tollway Environmental and involved EUR consultants regarding the review and approval of the soil erosion control plan for each construction project. Coordination will include discipline specific meetings (as needed) regarding erosion control throughout the design phase. It is assumed 8 meetings will be needed. For budgeting purposes, it is also assumed that the DCM will provide required support to resolve erosion control

- issues during construction. It is assumed that the DCM will participate in 10 meetings for this purpose. The results of the Erosion Control coordination activities will be utilized in ongoing 404 permit modification discussions to supplement information to the USACE regarding prevention of additional discharge of sediment to wetlands/waters.
- Updating Expiring Permits: During the period of the DCM contract, it is anticipated that the timeframes for some regulatory permits or their supporting information will expire and require renewal. The DCM will update expiring permits, estimated as 8 permits, during the contract performance period.
- M. Local Access Permits: The DCM will be responsible for coordination with DSEs to secure required local access permits related to field activities required during the design phase of contracts proposed for construction during the DCM contract performance period.
- N. 7460 Reviews: Airspace on and off airports is controlled by the Federal Aviation Administration (FAA). Each final design and construction package will require 7460 review to document air space compliance. The DCM will prepare and process the 7460 review packages which will include mapping, critical points with accompanying elevation and profile data, estimation of construction means and method and equipment usage, and the duration of construction. Involved DSE's/DUR's will be responsible for providing appropriate design plans and specifications to support the 7460 submittal requirements. Reviews will likely require corrective actions that would be coordinated with designers and contractors. It is assumed that up to 4 reviews will be required.
- O. Regulatory Coordination: Regular coordination will be required with resource agencies including establishing permit expectations including content, details of content, required analyses, review cycles, response to comments, negotiation of permit terms and conditions, follow-on implementation of mitigation and enforcement. It is assumed that up to 4 meetings per year will be required for initial consultation, follow-up meetings prior to submission of applications, review of application materials, post application follow up, permit negotiations, etc.
- P. Floodway Construction Permit: For budgeting purposes, it is assumed that the DCM will not be responsible for the preparation of floodway construction permits for the 10 proposed waterway crossings within the Central Tri-State improvement limits. It is assumed that these permits would be secured by DSEs for the Tollway. The DCM will provide support to the DSE's with respect to materials needed related to corridor design including background data and information, information from adjacent design sections, and participation in meetings or coordination activities with IDNR-OWR.
- Q. Metropolitan Water Reclamation District of Greater Chicago MWRDGC Permitting: The DCM will coordinate, meet with MWRD, and prepare a detailed work plan for steps needed to secure appropriate MWRD permits.
- R. Permit Application Fees: Application fees for anticipated permits are included in the DCM contract as a reimbursable direct cost, with an assumed maximum budget of \$80,000.
- S. The DCM will provide oversight and check that DSE's prepare construction related National Pollutant Discharge Elimination System (NPDES) permits inclusive of Notice of Intents (NOI's) and stormwater pollution prevention plans (SWPPP's), and that they are appropriately filed with the Illinois Environmental Protection Agency.
- The DCM will coordinate with the DSE and contractors with regard to required construction/contractor related permits. For budgeting purposes, it is assumed that effort will consist of the following: air quality permits for up to 4 concrete or mixing plants; air quality permits

- for up to 8 fuel storage facilities (above ground); coordination of the safe removal and disposal of special waste discoveries that were not predetermined, assumed as up to 8 events; and other permits of a undefined nature.
- U. Landscaping Coordination: The DCM will provide guidance for landscaping which will include incorporating the Tollway's Tree Master Planning document and FAA seed mixes and other items as they arise.

3. Agreements Support

The DCM will track and maintain a comprehensive inventory of required agreements for the overall Central Tri-State including their schedule, purpose, associated costs, and steps to completion. The DCM will prepare, coordinate and review required interagency agreements with the Tollway and develop content based on coordination with assigned DSE's/DUR's for individual construction contracts.

- A. The DCM will support the Tollway with the preparation of intergovernmental agreements (IGA) for the Central Tri-State, including railroads, utilities, municipalities, counties, special districts and regulatory agencies. For budgeting purposes, the following responsibilities are assumed for the preparation of interagency agreements:
 - Construction Contract IGAs: The DCM will support the Tollway in the requirements,
 preparation and coordination of IGAs required for individual Central Tri-State construction
 contracts. These multi-party agreements include IDOT, municipalities, townships,
 counties, and/or special districts. The DCM will coordinate IGA details including
 responsibilities for design, engineering, public utilities, land acquisition, costs (including
 requested enhancements), and maintenance and jurisdiction. The DCM will prepare
 related IGA exhibits.
 - Land Conveyance IGAs: The DCM will support the Tollway in the requirements, preparation and coordination of IGAs required for land conveyance along the Central Tri-State corridor. This includes land conveyance from agencies to the Tollway required for construction of the project and land conveyance to agencies from the Tollway as part of their ultimate maintenance and jurisdictional responsibilities.
- B. Railroads: The DCM will support the Tollway in the preparation negotiations of interagency agreements for improvements involving railroad facilities. Agreements are anticipated with the CN, BNSF, IC and UP railroad regarding construction phasing involving their facilities, use of land, transfer of land, working arrangement for engineering services, installation of structures and bridges. It is assumed that 4 master agreements and up to 4 topical agreements and/or permits will be required. The DCM will also prepare and support the Illinois Commerce Commission petition process for railroad involvement improvements, which includes an estimated 12 petitions. Anticipated railroad reimbursement cost, estimated at \$40,000 per structure are included in this contract as a reimbursable direct expense, and are anticipated to cover the following railroad reimbursable cost: start-up costs (memorandum of understanding negotiations); land acquisition negotiations and review; public project review (covering costs of railroad engineering review through design and construction); general coordination (construction contract agreements meetings, etc.). These direct costs do not include the following: potential signal design, any railroad force account work for railroad construction activities (i.e., track or signal construction) or any required flagging services required for the construction activities on or adjacent to live tracks.

- C. Regulatory Agencies: The DCM will support the Tollway with preparation of required agreements with regulatory agencies, anticipated to consist of agreements with the USACOE, IDNR, and IEPA.
- D. Agreements to be secured by Others. It is anticipated that agreements will be required with various other parties, such as private utilities. For budgeting purposes, it is assumed that the DCM will not be responsible for the preparation of these agreements, and that they will be secured in a timely manner by the Tollway and/or Tollway PMO; however data required to draft these agreements will be provided and/or reviewed by the DCM.
- E. Cost Tracking: The DCM will track, coordinate, and finalize cost responsibilities for design elements requested by local agencies (upgrades) as defined in the interagency agreements through coordination with the appropriate requesting agencies and the involved Tollway DSE and CM. The IGA related costs will be tracked as part of the overall Central Tri-State program budget.
- F. Mapping: The DCM will maintain corridor-wide GIS exhibits depicting maintenance and jurisdiction responsibilities including roadways, structures, drainage, ITS, lighting, signals, etc. for the overall Central Tri-State project area. The DCM will also maintain right-of-way exhibits in GIS that show the proposed Tollway right-of-way and required land conveyance based upon the jurisdiction and maintenance responsibilities.

C. DESIGN SECTION ENGINEERING

The scope of work includes providing Design Section Engineering (DSE) Services for preliminary, pre-final and final design engineering for the Tri- State (I-294) in accordance with the Tollway's Design Section Engineer's Manual, dated March 2017, as amended by the Tollway, and as otherwise noted below, to include, but not be limited to, the following:

1. <u>General Assumptions</u>

The scope of work is for the development of a concept verification report, contract plans, specifications and estimates for reconstructing and widening the existing eight lanes of pavement and reconstruction or repairs to the existing bridges on the Tri-State Tollway (I-294) from MP 27.8 (Ogden Avenue) to MP 29.1 (Cermak Road) for a project length of 6,865 LF, as stated and estimated in the "Move Illinois Program:, dated August 2011.

- The scope of work is based on the Move Illinois Program to reconstruct in kind, however efforts will be made to address the known drainage issues in the area.
- Concept level plans will be provided by the Illinois Tollway from the previous Master Plan phase. A Revision to the Master Plan in not anticipated and therefore not included in this scope of work
- The Pre-Concept plans and documents will be verified by the DSE and a Concept Verification Report will be developed by the DSE for Approval by the Illinois Tollway. Additional work will include barrier warrant analysis and verification of BCRs and TS&Ls (as needed) for bridges within the section.
- Preliminary (60%), Pre-Final (95%) and Final (100%) submittals will be prepared for up to 2 construction contracts.
- Up to 4 construction bid packages will be developed. The mainline pavement is anticipated to be reconstructed in separate northbound and southbound construction packages but some advanced work may be needed to accommodate maintenance of traffic.
- Tollway Contract RR-13-4117 will be reconstructing the East-West Connector ramps between I-88 and I-294 in 2018. The limits of improvement for the ramps are anticipated to be Ramp M Sta. 25+44 and Ramp N 715+02.25. The ramps will be reconstructed as a single lift continuously reinforced PCC pavement (9.5").
- The scope of work and design effort is based on a planning construction cost estimate of \$62,000,000.00 for the limits of the improvement.
- All design work is expected to be complete by spring of 2019 but it is the Tollway's intentto begin separate construction contracts as soon as possible. A

detailed Design and Construction schedule will be developed upon NTP of the contract in coordination with the Illinois Tollway and Program Management Office.

- Utility coordination is included to apprise the Tollway of conflicts and to communicate the proposed construction impacts as well as locations that will not be impacted by proposed construction that may be suitable for utility relocation. Utility coordination will be limited transverse utility conflicts within the improvement section, as there is no anticipated pavement widening within the limits of improvement.
- Phase II Environmental Site Assessments will be completed for PIPs located within project limits and form LPC (662 or 663) will be provided.
- Support for environmental permit applications are limited to the following agencies USACE, USFWS, USEPA, IDNR, IHPA, IEPA, and others as required. Actual applications will be submitted by the Tollway.
- Hours have been included in the cross section estimate to quantify suitable/unsuitable soils within the existing pavement section for the limits of improvement.
- Electronic files in PDF and raw file formats (CAD, survey files, modeling software, spreadsheets) from the Master Plan and Concept Drainage Study will be provided by the Tollway.
- Off-site drainage currently connecting to or through the I-294 drainage system will be maintained.
- There are 3 cross-road culverts (60", 54" and 42") included in the drainage design. It is anticipated that these cross-road culverts will be reconstructed.
- The design of a new 10' x 5' box culvert is included in the scope. This new box culvert will run parallel to I-294 for approximately 5,000 lf.
- The Tollway will provide hydraulic models, including FEMA regulatory models, for the cross road culverts where applicable, and the DSE will update the models to reflect the proposed conditions for permitting and waterway information tables.
- The existing median storm sewer system will be removed and redesigned.
 The storm sewer system(s) will be coordinated with the detention requirements throughout the project and analyzed with additional hydrograph methods for detention purposes.
- Floodplain/floodway impacts (fill and excavation) are not anticipated for the scope of improvements within the limits of this section for the removal and replacement of the pavement, therefore it not included in this scope of work.

- Wetland mitigation is assumed to be accomplished through wetland banking. Design of wetlands is excluded.
- It is assumed there will be three submittals of the Barrier Warrant Analysis.
- The existing drainage plans will be taken from historical contract documents from previous improvements within the limits of this improvement.
- All CADD work will be performed with the use of MicroStation VS.
 Geopak design software will be used as the designpackage.
- Quantity calculations will not be performed on a sheet by sheet basis or reference specific contract drawing numbers.
- Proposed drainage plans will be based on reconstructing and widening the 8 lane pavement.
- The DSE will assist the Tollway and DCM in preparing exhibits and providing data for stakeholder and outreach purposes.
- The following items are expressly excluded from the scope of work:
 - Analysis of other drainage alternatives is not included in this scope of work.
 - All work related to endangered species including Special Provisions for transplantation and or staging is not anticipated and therefore not included in this scope of work.
 - Traffic capacity analysis is not included in this scope of work.
 - Impact 4(f)) properties are not anticipated within the limits of this project and therefore
 Design, permitting, and coordination with 4f properties is not include in this scope of work.
 - The noise analysis for the design section will be provided by the DCM.
 - An Environmental Studies Inventory Sheet (ESIS) Part 1, Noise Report and draft Agency Coordination Report (ACR) have been conducted by others during the Master Plan Phase. Separate independent analyses of the above are excluded.
 - Design of future bikeways and/or trails along crossroads is excluded.
 - Pavement design is excluded
 - Intersection Design Studies (IDS) are excluded
 - Separate right-of-way and easement sheets are excluded. Right-of-way and easements will be shown on roadway plan sheets.
- Compensatory storage is expected to be used for mitigating floodplain impacts. Work related to CLOMR (Conditional Letter of Map Revisions) and LOMR (Letter of Map Revisions) is excluded.

2. Consultant Services

The scope of work as described herein defines the work activities, deliverables, standards, criteria and provides a basis from which the consultant services are budgeted. Changes in the described scope shall constitute a change in the Consultant's contract.

Task 1: Concept Verification Report

This is the initial stage of design work and advances the level of design and detail developed in the Master Planning Phase. As part of the development of the report the DSE will confirm and concur with the following or provide recommendations for proceeding during preliminary design:

- a) Scope of Work
- b) Construction contract schedules
- c) Easement requirements
- d) Construction contract packaging
- e) Cost estimates

Further the report verifies that the Master Plan document is in compliance with design parameters and criteria. The report will include an executive summary that describes the project purpose and objectives, the location and limits, and a description of proposed work and major project elements. The report will include sections for each design discipline, construction commentary with verification of the concept construction schedule, construction cost and packaging discussion, and contain an appendix with plan exhibits of the basic major project elements. The concept verification report will be used by the DSE to verify the concept design provided by the Tollway Master Plan. A full 30% submittal will not be provided to the Tollway as part of this scope but will include roadway plan and profile sheets, cross sections, typical sections, maintenance of traffic plan sheets, drainage plan sheets, and erosion control plan sheets with Best Management Practice (BMP) concept, and an environmental summary as needed to verify and document any changes needed to move forward with preliminary design. One Concept Verification Report will be developed that describes up to 4 construction bid packages. The Concept Verification Report will be based on the widening and reconstruction of pavement within this section as presented and approved by the Illinois Tollway Board on April 27, 2017.

Task 2: External Meetings

Meetings will be held with the Tollway, IDOT, municipalities, and Cook and DuPage Counties, and other agencies as applicable for the purpose of coordinating and resolving issues related to the successful completion of the final plans. This task also includes assistance in the bidding and contracting processes. The DSE team will participate in plan review meetings, monthly book meetings, design coordination meetings, pre-bid meetings for each of the 4 assumed contracts. Meeting minutes and a response to questions will be prepared. Bid evaluation will include review of contractor qualifications, cost analysis, and recommendation of contract award.

Task 3: Drainage

AECOM will perform storm water facility design. Storm sewers locations will be added to the roadway crosssections. Storm water BMPs in the form of bioswales will be designed to meet proposed flows and incorporated into the plans.

A SWPPP will also be developed, as well as supporting documentation for a Cook County and DuPage County Storm water permit.

Task 4: Roadway Plan & Profile

Existing topographic features will be shown within the plan coverage area. The roadway plan sheets will include existing utilities, existing and proposed pavement, shoulder, guardrail, curbing, fencing, ROW and easement limits. Proposed sign trusses, bridges, box culverts, and environmental resources subject to regulatory requirements will be shown in outline form. Major geometric control points and soil boring locations will also be shown in plan. Vertical curve data will include length of curve, offset to external tangent, "K" factor, gradients, beginning and ending stations and point of vertical intersection. Existing and proposed roadway profile elevations will be shown at 50-foot intervals.

Task 6: Maintenance of Traffic (MOT)

Plan sheets and MOT sheets will be 1" = 50' scale when printed full size. These drawings will show the traffic flow patterns, temporary pavement markings, number of lanes, lane widths, and include the additional signage and modifications to existing signage. MOT typical sections and plans shall be provided for each construction stage. The plans will define the work areas and provide sufficient area to accomplish the work intended with minimal traffic interference. It is assumed there will be 4 major stages for mainline construction. It is also assumed that the pavement will be jointed PCC.

To address the crossroad traffic needs during construction a Traffic Management Plan is assumed for the proposed construction of Ogden Avenue and Cermak Road. This analysis will help ensure the traveling public safety and mobility issues are addressed early in the project. The analysis will consider traffic alternatives during construction and the relative construction costs and cost to the public. The conclusion of the analysis will be a recommended cross road traffic staging concept. The Traffic Management Plan be will be prepared in accordance with the guidelines in the IDOT BDE Manual.

Task 7: Cost Estimate

Cost estimates will be developed by for 60% Preliminary Design, 95% Pre-Final Design, and Final Bid document submittals.

Task 8: Utility Coordination

Relevant utility companies within the construction limits shall be identified. This project will incorporate subsurface utility explorations as provided by the Tollway. A separate Tollway consultant will perform and certify the subsurface utility exploration work. The DSE will track utility conflicts and submit a weekly update

of the utility status report to the Tollway. A Utility Matrix will be maintained and included in each construction package.

Task 9: Noise Walls

It is anticipated that there will be 5 free standing noise walls to mitigate noise along the I-294 Tollway. Structural design of the noise walls is excluded. The noise walls will be constructed under performance specifications. A general plan and elevation showing location length and height requirements will be provided. The total length of noise wall is assumed to be 2,000 feet. Development of TS&L plans for each noise wall is not necessary and is excluded. Access doors and related detailing are excluded but locations will be identified as notes in the plans. Utility relocation design, masonry design, and review of Contractor's design under performance work are also excluded.

Task 10: Bridges

It is anticipated that there will be 4 bridge widening including 2 bridge reconstructions (267 and 268). Development of TS&L plans and contract plans for the 2 reconstructed bridges is included in this scope of work. It is assumed Bridge Condition Reports have been completed in the planning phase and are not required in this scope of work. Formal bridge inspections are excluded. The design will be in accordance with the latest edition of the AASHTO "LRFD Bridge Design Specifications" except as modified by the IDOT Bridge Manual.

It is expected that TS&L's and contract plans will be produced for the following bridges:

Bridge No. 267 and 268, NB and SB I-294 over Salt Creek

The proposed improvements are anticipated to be replacement structures. The existing two-span structures are anticipated to be replaced with a new single- span integral abutment type structure. Staged construction will be utilized in construction of the new structures. ABC methods will be evaluated for these structures and is anticipated to be included in the construction documents.

Bridge No. 265, Ogden Avenue over I-294

The proposed improvements are anticipated to include repairs to the bridge and modifications to the abutments to accommodate a widened main line section.

Bridge No. 269, 31st Street over I-294

The proposed improvements are anticipated to include repairs to the bridge and modifications to the abutments to accommodate a widened main line section.

Bridge No. 201 Ramp M - NB I-294 to WB I-88

The proposed improvements are anticipated to include repairs to the bridge.

Bridge No. 203 Cermak Road over I-294

The proposed improvements are anticipated to include repairs to the bridge and modifications to the abutments to accommodate a widened main line section.

Task 11: Retaining Walls

It is anticipated that there will be 19 retaining and noise walls to accommodate the proposed Tollway mainline geometry. The anticipated retaining and noise walls are tabulated below. Noise wall on bridge and retaining walls integrated into bridge abutments are excluded. Development of TS&L plans for each retaining wall is included. A Feasibility Study with economic evaluations of viable alternates is included for retaining walls. Noise walls are anticipated to be performance based. Retaining wall types are anticipated to be based on the Feasibility Study and recommendations. Retaining walls are anticipated to be primarily fill type situation walls.

NB Structural Plans - Noise Wall

1435+ 00 to 1437+50 1445+00 to 1449+00

NB Structural Plans - Noise Wall on Retaining Wall

1437+50 to 1445+50

NB Structural Plans - Retaining Wall

1461+00 to 1470+50

1476+50 to 1481+50

1482+50 to 1492+00

1493+00 to 1508+00

1510+00 to 1512+00

1527+50 to 1534+00

SB Structural Plans - Noise Wall

1445+00 to 1450+00

1510+50 to 1516+00

1521+50 to 1524+50

SB Structural Plans - Noise Wall on Retaining Wall

1410+00 to 1445+00

1469+50 to 1492+00

1493+00 to 1508+50

1516+00 to 1521+50

1524+50 to 1536+50

SB Structural Plans - Retaining Wall

1462+00 to 1466+50

1510+00 to 1510+50

Task 12: Noise Analyses

It is assumed that Traffic Noise analysis and proposed noise wall locations, if any were completed in the Master Plan.

AECOM assumes that the traffic noise evaluation will be updated using the Traffic Noise Model version 2.5 based on the modifications to the design and the potential to move closer to sensitive receptors. AECOM will update, as necessary, the existing noise model based on the geometric changes. Several barriers have been identified by length and location within the Segment and will be reviewed based on changes in noise modeling results. AECOM will document the results of the noise modeling and noise barrier review in a noise report.

Assumptions:

- AECOM assumes that all of the existing model information will be provided to AECOM for revisions
 to the proposed design. AECOM will evaluate the results of the model to determine if revisions to
 the noise wall heights are warranted according to the Tollway's Traffic Noise Study and Abatement
 Policy.
- Noise analysis includes calculating new offset distances from previously identified sensitive noise receptors to the new construction limits.
- The project team will estimate the future noise levels (Leq) using the previously developed FHWA
 approved Traffic Noise Model (TNM) with appropriate adjustments for the revised roadway
 geometry. Modeling will include noise levels for the design year for the Preferred Alternative and
 No Build conditions.
- Updated barrier analyses and potential noise wall mitigation will be evaluated.
- The traffic noise report will consider construction noise and evaluate methods to minimize such noise.
- Preparation of a Draft and Final Report that presents the analysis, results, and recommendations, including exhibits. Draft and final reports will be submitted electronically. No hard copies of the report are included.
- The noise analysis update will utilize previously collected traffic data and noise field
 measurements, as well as the current TNM from the Master Plan. Public involvement related to the
 noise analysis task is not included.

Task 13: Cross Sections

Existing and proposed drainage structures, existing ditches, existing flow lines, existing retaining walls and existing right-of-way will be shown. In addition, time has been included for adding suitable/unsuitable soil information to the cross sections. Staged cross sections are excluded.

Task 14: Erosion Control Plans

Erosion control plan sheets will correspond to each MOT stage. The plans will show ditches and drainage structures and depict erosion control devices and limits of disturbance for each stage of the work.

Task 15: General Notes/Roadway Details/Typical Sections

General Notes, Roadway Construction Details, Typical Sections, Alignment and Ties, Schedules, Index, and Title sheets for the 4 anticipated construction contracts are assumed for this section of improvements.

General Notes will address items that warrant special attention and will include the Tollway standard notes and other items developed specific to the construction contract.

Roadway Construction Details will be provided for pay items not covered by a Tollway Standard Drawing or IDOT Highway Standard or require modifications to the standards.

Typical Sections will be provided for existing and proposed mainline, ramps and cross roads for typical roadway configurations. Typical Sections will face looking up-station and include a legend, cross slopes, and horizontal dimensions to key section elements. Typical sections will show details and dimensions for pavements, subbases, subgrade treatments, underdrains, shoulders, gutters, medians, ditches, foreslopes, backslopes, retaining walls, noise walls and right-of-way.

Alignment and Ties drawings will show benchmarks and existing and proposed centerlines and base lines necessary to establish the project stationing. Curve data for existing and/or proposed curves will be listed with superelevation rates and design speed.

Schedules will not include all pay items. Only pay items that are spread out over the project are required for the schedule. Items to be included in the schedules include earthwork, pavement removals, proposed pavement, subgrade aggregate, temporary concrete barrier, pavement markings, tree removal, fence removal, and erosion control items.

Task 16: Signing Plans

The Signing Plans will show the location of proposed overhead, cantilever, bridge-mounted and ground-mounted signs. Proposed mainline signs are assumed to be high reflective and will not require lighting. Separate plan sheets will show the proposed work for existing signs. Sign panel detail sheets are included to specify the color, lettering sizes and spacing, orientation and dimensions of the proposed signs. Overhead signs will be shown on separate sheets with an elevation view showing the pavement cross section. Critical pavement and ground elevations will be shown on these elevation views along with the location of sign panels relative to traffic lanes and supports as well as the location and elevations of sign foundations.

Task 17: Special Provisions

The Special Provisions indicate directions, and requirements that supplement the Standard Specifications. IDOT Bureau of Design and Environment Special Provisions, IDOT District 1 Special Provisions, and IDOT Guide Bridge Special Provisions will also be included for cross road items of work not covered by the Standard Specifications. Penalty items and Incentive Pay Items will be included on the Schedule of Prices (P-Pages).

Task 18: Removal plans

Removal items and associated limits will be identified within the project limits.

Task 19: Barrier Warrants

The Barrier Warrant Analysis is used to evaluate existing and proposed roadside fixed objects and slope features along the segment. Potential obstacles may include embankments, sign supports, bridge piers, parapets, abutments, noise abatement walls, large drainage structures, light poles and ITS devices. It is anticipated that a concept review meeting will be necessary to review the concept barrier warrants completed under a previous contract by others. The barrier warrant analysis will follow the usual plan submittal requirements. Preliminary, Pre-Final and Final Submittals of the document are included in this item.

Task 20: Constructability Review

Constructability reviews will be performed in advance of each plan submittal for each construction package. These reviews of project documentation, specifications and contract plans will be performed by senior personnel with direct construction experience. The objective will be to identify issues that could potentially lead to project delays and potential change orders. The review will examine construction contract packaging, utilities, need for multiple contractor coordination, staging, construction access, development of progress schedules for construction activities, impacts on traffic and toll operations, and impacts to local crossroads. The progress schedules will be completed for each separate construction contract and will identify the major controlling items of work. The logic, sequence, and duration of work items will be shown. Holiday periods will be shown on the schedule due to the importance of minimizing delays to motorists over the high traffic periods. Maintenance of Traffic and Erosion Control will be shown continuous through the holiday periods. Constructability Review findings will be summarized and communicated to the Project Manager for discussion with the project team.

Task 21: Quantities

Quantities will be summarized in tabular format sorted by pay item code. Pay items that require a special provision will be indicated with an asterisk. Penalty items and Incentive Pay Items will not be shown on the Summary of Quantity sheets. A separate quantity calculation will be developed for each pay item.

Task 22: Pavement Elevations/Jointing

Plan sheets will show centerlines, stationing and dimensions and include proposed transverse contraction joints, sawed longitudinal joints, and edges of pavement. Elevations will be shown at 50-foot intervals for proposed top of concrete pavement along longitudinal joints and edges of pavement. It is assumed jointing and pavement elevations will be show on in the ramp gore areas along the mainline. Controlling elevations for pavement gore areas will also be shown.

Task 23: Pavement Markings

Permanent Pavement Marking Plans for the I-294 mainline and ramps within the segment. The size type and spacing of pavement marking will be indicated. Pavement Markings are anticipated to be shown on the Signing Plans.

Task 24: Grading/Site Plans

These hours will be used to develop permanent grading plans. The grading plan will show contoured embankment to meet existing earth grading or drainage patterns one to five foot intervals. Storm water detention areas will be shown with the 100 year high water elevation noted.

Task 25: Site Visits

The DSE Team will conduct site reconnaissance visits to verify existing conditions along the I-294 and crossroads.

Task 26: Environmental Coordination

1.0 Floodplains/Floodways

According to data acquired from the Federal Emergency Management Agency (FEMA), designated 100-year floodplains and floodways are present within the segment.

2.0 Water Quality

The Project is largely within the Des Plaines River Watershed with a stream and tributary crossings. The 404 Permit with 401 Water Quality Certification will address water quality impacts during construction within the segment, and NPDES permitting will address stormwater impacts during construction. Locations of wells and surface water bodies will be identified on exhibits and a report compiled to document potential water quality issues such as protection of wellhead areas and groundwater used for potable purposes, The DSE will prepare the required application for 401 Water Quality Certification and conduct the necessary agency coordination regarding water quality.

3.0 Permits, Public Lands and Agency Coordination

3.1 Permits

The DSE will prepare information as needed in support of an Erosion Control Review of the erosion control plan

3.2 Agency Coordination

The DSE will coordinate with the federal, state, and local resource agencies that have jurisdiction and regulatory authority when determining land use changes, trail/FPD impacts, historic properties, environmental impacts and mitigation efforts due to the proposed project. The DSE will coordinate these efforts through the Tollway and will assist in the preparation of letters, meeting minutes, and the necessary materials in order to complete the coordination.

Coordination meetings are planned in this task with the following agencies to communicate project improvements and impacts to the communities and receive comments related to the design elements of the project.

IDNR

- USACE
- USFWS
- USEPA
- USCG
- Illinois Environmental Protection Agency
- Illinois Historic Preservation Agency
- IDOT District 1
- Forest Preserve District of Cook County and DuPage County
- Archdiocese of Chicago
- Cook County
- DuPage County
- IDOT Bridge Office

Task 27: Intergovernmental Agreements

The DSE will assist the Tollway in preparing up to 3 Intergovernmental Agreements. The DSE will provide narratives for the project purpose, project benefits, key project features and construction cost estimates for purposes of cost sharing between agencies.

Task 28: Box Culverts

There is a proposed 10' x 5' concrete box culvert that would run parallel to I-294 for approximately 5,000 feet. The exact location of the new box culvert has not been finalized. BCR's have been produced in the Master Plan and recommend each culvert be extended. Revisions to the BCR are excluded. Culvert inspection reports are excluded. Development of TS&L plans for each box culvert is included. This task includes preparation of structure plans, and assembly of standard Special Provisions. One site visit is included. The proposed box culvert will be designed in accordance with AASHTO "Standard Specifications for Highway Bridges", 17th edition.

Exclusions and assumptions:

- The Tollway will furnish hydraulic report with Waterway Information Table based on proposed culvert.
- Cofferdam recommendations or design is excluded.
- Temporary diversion details or design is excluded.
- It is expected that TS&L's and contract plans will be produced for this new box culvert.

Task 29: Toll Plaza Structures

Not included in scope of work.

Task 30: Miscellaneous Structures (Sign Structures)

This work includes application of Tollway standards for proposed Sign Structures and foundations for the 5 overhead and 1 cantilever sign structures.

Task 31: ITS and Fiber Optic

There are 5 VDS, 3 CCTV and 1 DMS (including controller cabinet) located within the project limits that will be replaced. In addition, design includes the relocation of the entire fiber optic line.

Task 32: Geotechnical

Geotechnical investigation as part of this project will be in accordance with the Tollway's Geotechnical Manual dated March 2017. In summary of the anticipated geotechnical investigation requirements:

Subgrade borings will be drilled for mainline and interchange ramps. The soil borings for the mainline will be made at 150 foot intervals alternating between the northbound and southbound direction of traffic. Borings for the interchange ramps at Ogden Avenue, I-88 and Cermak Road will be spaced 300 feet apart.

Based on the guidelines from the Geotechnical Manual it is anticipated that the following number of borings will be required for this project:

Element	Est. Number/Length of Elements	Borings Per Element	Total Borings	
Subgrade - Mainline	6,865 feet	150 ft. spacing	46	
Subgrade – Ramps	1,000 feet	300 ft. spacing	4	
Bridges	Salt Creek NB (2) Salt Creek SB (2) Ogden Avenue (2) 31st Street (2) Cermak Road (2)	1/substructure element	10	
Retaining Walls	15,100 feet	2 min/wall and at 75 ft spacing	219	
Noise Walls	2,000	2 min/wall and at 100 ft spacing	26	
Culverts	3	2 min/culvert	6	
Sign Structures	5 Overhead 1 Cantilever	1/foundation	11	
Box Culvert (10'x5')	5,000 feet (parallel to I-294)	75 ft. spacing	66	

Task 33: Project Management & Administration

This task includes project communications using Tollway's Web Based Project Management System, preparation of progress and staffing reports, and a monthly narrative submitted with the consultant invoice. The DSE will use a cost monitoring system, task work plan, project schedule and progress charts developed for subtasks. AECOM's Project Manager will monitor staff, subconsultant contracts and performance during the course of the project. AECOM's Project Manager will manage and coordinate subconsultant work activities including work progress, schedule and budget.

Task 34: Quality Plan

AECOM will prepare a Quality Plan at the commencement of the project which will provide the guidelines and requirements for quality control reviews for the designated submittals: preliminary (60%), pre-final (95%) and final for up to 2 PS&E (plans, specifications and estimate) packages. The Quality Plan will be developed in accordance with the Guidelines for Design Section Engineer's Quality Program on the web-based project management (WBPM) system. Quality reviews are included in the project schedule at each level of submittal. Quality reviews will be performed by senior discipline technical staff with comments and edits incorporated into the submittals prior to submittal. The Quality Plan will establish the schedule and timetable for technical and management reviews, assign review responsibilities and checking procedures, and include a listing of technical deliverables. The DSE will retain documentation related to the quality reviews.

The Quality Manager will provide assurance that the quality procedures instituted by The DSE and subconsultants are followed.

Task 35: Advance Work Engineering and Technical Studies

The scope of work includes providing DSE Services for project required design section engineering and studies as requested by the Tollway in accordance with the Tollway's Design Section Engineer's Manual, dated March 2017. Such work may include:

- A. Watermain Relocation Design at the Mile Long Bridge (Construction cost estimate = \$2,500,000)
- B. Utility Design for the Burlington Northern Santa Fe (BNSF) Railroad (Construction cost estimate = \$2,500,000)
- C. Interim Corridor Rehabilitation for 2018 and 2019 (Construction cost estimate = \$2,230,000)

Based on the anticipated schedule for the corridor improvements, many of the bridges within the corridor are slated to require some repairs prior to the reconstruction projects. Below is a summary of the bridges that are anticipated for 2018 repairs:

Bridge	Bridge Description
Number	
171	I-294 over 87th Street
173	I-294 over Roberts Road
177	88th Ave. over I-294
179	IL 171 (Archer Ave.) over I-294
181	IL 171 (Archer Ave.) over I-294
183	Tri-State (I-294/I-80) over LaGrange Rd
184	Tri-State (I-294/I-80) over LaGrange Rd
189	I-294 over I-55 (Stevenson Expressway)
190	I-294 over I-55 (Stevenson Expressway)
193	I-294 over Wolf Road
195	I-294 over Joliet Road
196	I-294 over Joliet Road
206	I-294 over Roosevelt Rd. (IL 38)
207	I-294 over Roosevelt Road Ramp A
208	I-294 over Roosevelt Road Ramp A
209CD	I-294 over I-294 CD Road at I-88
211	I-294 over Butterfield Rd. (IL 56)
212	I-294 over Butterfield Rd. (IL 56)
219	I-294 over Illinois Central/Canadian National RR (CN RR)
220	I-294 over Illinois Central/Canadian National RR (CN RR)
221	I-294 over I-290 (Eisenhower/Lake St. Extension)
222	I-294 over I-290 (Eisenhower/Lake St. Extension)

The scope of work and level of effort will be developed/determined for each task upon request for review and approval by the Project Manager before each task begins.

D. REQUIRED SUBMITTAL TO THE AUTHORITY

Submittal requirements shall be in accordance with the DSE's Manual with special attention to, but not limited to, the following:

A. OTHER SERVICES AND SUBMITIALS REQUIRED:

- 1. Preparation of concept verification report, preliminary, pre-final and final contract documents, special provisions, design and quantity calculations and construction schedule to be reviewed by the Tollway.
- The DSE shall coordinate and incorporate all requirements of other design contracts impacting this project, if any. The DSE shall meet with other DSEs as often as required to insure the final contract documents of all contracts relating to the limits are coordinated.
- 3. Maintenance of traffic and construction staging.
- 4. Final construction cost estimates will be developed by the DSE.
- 5. All other submittals as required in the DSE Manual.
- 6. The DSE shall utilize new tollway stationing. Stationing of existing appurtenances shall be approximated from existing stationing and digital ortho imagery information.
- 7. Analysis and recommendations shall be made for bridge repairs or reconstruction. Bridge Condition Reports shall contain life cycle cost analyses. The life cycle cost analysis (LCCA) shall be performed in accordance with procedures outlined in Publication No. FHWA-SA-98-079. The analysis shall use the following: Nominal discount rate of 6 %; inflation rate of 5 %; life of new bridge deck equal to 50 years; a new bridge deck will be overlaid after 25 years of service, life of new bridge substructure shall be 100 years; and utilize typical unit prices developed by the Tollway.
- Coordinate with the Tollway Project Manager 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 Tollway consideration and comment on community issues of concern or support.
- 9. Coordinate with the Tollway Project Manager, and the Tollway's 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.
- 10. Submit DSE Quality Management Plan within 14 days of Notice to Proceed.

E. ITEMS TO BE FURNISHED TO THE DESIGN SECTION ENGINEER

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

- It shall be the responsibility of the DSE to select the applicable reduced record drawings from the Tollway's website at www.illinoisvirtualtollway.com or from IDOT or Local Agency.
- 2. The Tollway's biennial structural inspection report of the bridges within the project limits.
- 3. Digital Ortho-Imagery, contours, horizontal and vertical survey control and center line of the project limits.
- 4. Copies of Illinois Tollway Standard Specifications, Standard Drawings, and Design Manual can be obtained from the Tollway's website at www.illinoistollway.com.
- 5. Copy of Illinois Tollway Railroad agreements (as required)
- 6. Copy of Bridge Condition Reports (as required)
- 7. Maintenance Section Reports

PROJECT SCHEDULE

DSE Services Contract No. I-17-4265

Tri-State Tollway

Tri-State Tollway (I-294) from MP 27.8 (Ogden Avenue) to MP 29.1 (Cermak Road)

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

Dates for Items 6 through 13 will be determined at the project kick-off meeting.

Current Obligations of Work for the Illinois State Tollway Highway Authority

AECOM Technical Services, Inc.

(Name of Your Firm)

Your firm as Prime Consultant

	>18 Months	Constr. (000's)	0	0
<u>ants</u>	>18 M	Design (000's)	\$6,214	\$6,214
out Subconsulta	7-18 Months	Constr. (000's)	0	0
Fee Remaining without Subconsultants	7-18 N	Design (000's)	\$9,232	\$9,232
	0-6 Months	Constr. (000's)	0	0
	M 9-0	(s,000) ußsəQ	\$3,714 \$4,920	\$8,634
	10 C C C C C C C C C C C C C C C C C C C	1 01a1 F10Ject Fee (000's)	\$85,632 \$32,993	(enterhere & table on Page 3)
	14	TOB NO.	10-1 16-3	Total as Prime:

Exhibit G - Page 1 of 6

Current Obligations of Work for the Illinois State Tollway Highway Authority

AECOM Technical Services, Inc. (Name of Your Firm)

Your firm as Subconsultant:

	onths	Constr. (000's)	0	0
	>18 Months	Design (000's)	0	0
Fee Remaining	onths	Constr. (000's)	0	0
Fee Rei	7-18 Months	Design (000's)	0	0
	0-6 Months	Constr. (000's)	0	0
	M 9-0	Design (000's)	0	0
Total Project Fee		(s,000)	တ	table on Page 4)
PSB No.			6-1- 6-1-	enterhere & table on F
Consultant You	Are	Subcontracted to	CH2M Hill, Inc.	Total as Subconsultant:

Exhibit C - Page 2 of 6

Current Obligations Of Work By Your Transportation Staff For Other Than The Illinois State Toll Highway Authority

AECOM Technical Services, Inc.

(Your Firm's Legal Name)

			Fee	Remainin	g To Be E	arned	
	Total AGR	0-6 N	onths	7-18 N	onths	>18 N	onths
	Amount (000's)	Design (000's)	Constr. (000's)	Design (000's)	Design (000's)	Constr. (000's)	Design (000's)
City of Chicago	114,149	7,784	1,025	4,292	612	1,431	204
Illinois Department of Transportation	137,368	3,807	900	1,890	0	1,960	0
All Other Work (Public & Private)	61,030	6,633	734	4,716	417	6,065	139
Total Non-IS		18,224	2,659	10,898	1,029	9,456	343

Note: The start date for the 0-6 months will be the date of this PSB

Summary of Work

Totals For Firm	0-6 M	lonths	7-18 N	Nonths	>18 M	onths
	Design (000's)	Constr. (000's)	Design (000's)	Constr. (000's)	Design (000's)	Constr. (000's)
Total As Prime	8,634		9,232		6,214	
Total As Subconsultant	550	100	580	100	0	0
Total For Non-ISTHA	17,674	2,559	10,318	929	9,456	343
Total	26,858	2,659	20,130	1,029	15,670	343

Exhibit G - Page 3 of 6

Current Obligations that Your Firm Has Subcontracted for The Illinois State Toll Highway Authority

AECOM Technical Services, Inc.

(Your Firm's Legal Name)

Subcontract Fee is the total Subconsultant fee negotiated in a subcontract and includes all additional Subconsultant fees in supplements and Extra Work Orders.

Fee Remaining to be earned is the "Subcontract Fee" less:
(1) The fee billed to your firm and,
(2) The actual and estimated fee for work completed subsequent to the last submitted invoice up to the date of issuance of this Bulletin.

		o omeN				Fee Remain	Fee Remaining To Be Earned		
PSB Item #	Job *	Subconsulta	-qns	M 9-0	0-6 Months	7-18 N	7-18 Months	>18 Months	onths
	H:	ıt.	contract Fee (000's)	Design (000's)	Constr. (000's)	Design (000's)	Constr. (000's)	Design (000's)	Constr. (000's)
10-1	RR-10-9973	SpaanTech	\$5,983	\$250					
10-1	RR-10-9973	SE3	\$6,075	\$550					
10-1	RR-10-9973	PMCS	\$2,371	\$125			-		
10-1	RR-10-9973	oso	\$1,737	\$117					
10-1	RR-10-9973	Stevenson Crane	\$93	\$0					
10-1	RR-10-9973	Wang	\$41	0\$					
10-1	RR-10-9973	Construction Cost	\$1	\$1					
10-1	RR-10-9973	TranSmart	\$1	\$1					
10-1	RR-10-9973	APS	\$534	\$124					
10-1	RR-10-9973	American Surveying	\$265	\$265					
Exhibit G -	Exhibit G - Page 4 of 6								

10-1	RR-10-9973	STATE Testing	\$1	\$1		
10-1	RR-10-9973	Quantum Spatial	2\$	\$2		
10-1	RR-10-9973	Bureau Veritas	\$1	\$1		
10-1	RR-10-9973	Civiltech	\$1	\$1		
10-1	RR-10-9973	ARA	\$813	\$0		
10-1	RR-10-9973	Quigg	\$86	\$0		
10-1	RR-10-9973	2iM	\$953	\$334		
10-1	RR-10-9973	Quercus	\$170	\$45		
10-1	RR-10-9973	EJM	\$1,515	\$202		
10-1	RR-10-9973	URS	\$775	\$22		
10-1	RR-10-9973	သသ	\$362	\$0		
10-1	RR-10-9973	SCIGON	\$486	\$122		
10-1	RR-10-9973	Milhouse	\$105	0/\$		
10-1	RR-10-9973	Primera	\$200	\$67		
10-1	RR-10-9973	R&G Engineering	08\$	\$80		
16-3	RR-16-4265	2iM Group	\$495	\$495		
16-3	RR-16-4265	American Survey	066\$	066\$		
16-3	RR-16-4265	CCS International	088\$	\$330		
16-3	RR-16-4265	EJM Engineering	\$495	\$495		
16-3	RR-16-4265	Metro Strategies	099\$	099\$		
16-3	RR-16-4265	Panacea Group	\$165	\$165		
Exhibit G-	Exhibit G - Page 5 of 6					

RR-16-4265

\$1,650	\$660	\$5,774	\$165	\$165	\$84	\$5	\$330	\$165	\$165	\$330	\$1
\$1,650	\$660	\$5,774	\$165	\$165	\$84	5 \$	\$330	\$165	\$165	088\$	\$1
PMCS	R&G Engineering	SE3	Urban GIS	Wang Engineering	Hanson Professional Services	HDR	Collins Engineering	Frega Associates	Middleton Construction Consulting	SCIGON	Quantum Spatial
RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265
16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3

Exhibit G - Page 6 of 6

Contract No. RR-16-4265

AECOM Technical Services, Inc.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.

Work Scope & Description of Project

Fee (Including all Supplementals and Extra Work Orders)

Fee Remaining
To Be Earned

Estimated
Date of
Completion

See attached

Current Obligations of Work for the Illinois State Tollway Highway Authority

AECOM Technical Services, Inc.

(Name of Your Firm)

Your firm as Prime Consultant

	onths	Constr. (000's)	0	0
ants	>18 Months	Design (000's)	\$6,214	\$6,214
Fee Remaining without Subconsultants	lonths	Constr. (000's)	0	0
Remaining with	7-18 Months	Design (000's)	\$9,232	\$9,232
Fee	Mor	Constr. (000's)	0	0
		Design (000's)	\$3,714 \$4,920	\$8,634
	Total Desirate Co.	oral Project Fee (000's)	\$85,632 \$32,993	(enterhere & table on Page 3)
	24 000	TOB NO.	10-1 16-3	Total as Prime:

Exhibit G - Page 1 of 6

Current Obligations of Work for the Illinois State Tollway Highway Authority

AECOM Technical Services, Inc. (Name of Your Firm)

Your firm as Subconsultant:

	_	_		
	>18 Months	Constr. (000's)	0	0
	>18 N	Design (000's)	0	0
maining	7-18 Months	Constr. (000's)	0	0
Fee Remaining	7-18 N	Design (000's)	0	0
	onths	Constr. (000's)	0	0
	0-6 Months	Design (000's)	0	0
Total Project Fee		(s,000)	ဝ	(table on Page 4)
PSB No.			11-3	enter here & table on Pa
Consultant You	Subcontracted to	on population of the control of the	CH2M Hill,	<u>Iotal as</u> Subconsultant:

Exhibit C - Page 2 of 6

Current Obligations Of Work By Your Transportation Staff For Other Than The Illinois State Toll Highway Authority

AECOM Technical Services, Inc.

(Your Firm's Legal Name)

			Fee	Remainir	g To Be E	arned	
	Total AGR	0-6 N	lonths	7-18 N	lonths	>18 N	fonths
	Amount (000's)	Design (000's)	Constr. (000's)	Design (000's)	Design (000's)	Constr. (000's)	Design (000's)
City of Chicago	114,149	7,784	1,025	4,292	612	1,431	204
Illinois Department of Transportation	137,368	3,807	900	1,890	0	1,960	0
All Other Work (Public & Private)	61,030	6,633	734	4,716	417	6,065	139
Total Non-IS (enter here & on ta		18,224	2,659	10,898	1,029	9,456	343

Aligher The stage date to the use months will be the date of this PSBs.

Summary of Work

Totals For Firm	0-6 M	onths	7-18 N	Months	>18 M	onths
	Design (000's)	Constr. (000's)	Design (000's)	Constr. (000's)	Design (000's)	Constr. (000's)
Total As Prime	8,634		9,232		6,214	
Total As Subconsultant	550	100	580	100	0	0
Total For Non-ISTHA	17,674	2,559	10,318	929	9,456	343
Total	26,858	2,659	20,130	1,029	15,670	343

Exhibit G – Page 3 of 6

Current Obligations that Your Firm Has Subcontracted for The Illinois State Toll Highway Authority

AECOM Technical Services, Inc.

(Your Firm's Legal Name)

Subcontract Fee is the total Subconsultant fee negotiated in a subcontract and includes all additional Subconsultant fees in supplements and Extra Work Orders.

Fee Remaining to be eamed is the "Subcontract Fee" less:
(1) The fee billed to your firm and,
(2) The actual and estimated fee for work completed subsequent to the last submitted invoice up to the date of issuance of this Bulletin.

		Name of				Fee Remain	Fee Remaining To Be Earned		
PSB Item #	۵ *	Subconsulta	Sub-	0-6 Months	onths	7-18 N	7-18 Months	>18 Months	onths
		ŧ	Fee (000's)	Design (000's)	Constr. (000's)	Design (000's)	Constr. (000's)	Design (000's)	Constr. (000's)
10-1	RR-10-9973	SpaanTech	\$5,983	\$250					
10-1	RR-10-9973	SE3	\$6,075	\$550					
10-1	RR-10-9973	PMCS	\$2,371	\$125					
10-1	RR-10-9973	980	\$1,737	\$117					
10-1	RR-10-9973	Stevenson Crane	\$93	\$0					
10-1	RR-10-9973	Wang	14\$	\$0					
10-1	RR-10-9973	Construction Cost	\$1	\$1					
10-1	RR-10-9973	TranSmart	1\$	\$1					
10-1	RR-10-9973	APS	\$534	\$124					
10-1	RR-10-9973	American Surveying	\$265	\$265			·		
Exhibit G -	Exhibit G – Page 4 of 6								

						,												,			~
			-																		
																					•
\$1	\$2	\$1	\$1	\$0	\$0	\$334	\$45	\$202	\$22	0\$	\$122	\$70	\$67	\$80	\$495	066\$	\$330	\$495	\$660	\$165	
\$1	\$2	\$1	\$1	\$813	\$86	\$953	\$170	\$1,515	\$775	\$362	\$486	\$105	\$200	\$80	\$495	066\$	\$330	\$495	\$660	\$165	
STATE Testing	Quantum Spatial	Bureau Veritas	Civiltech	ARA	Quigg	2iM	Quercus	EJM	URS	222	SCIGON	Milhouse	Primera	R&G Engineering	2iM Group	American Survey	CCS International	EJM Engineering	Metro Strategies	Panacea Group	
RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-10-9973	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	Exhibit G – Page 5 of 6
10-1	10-1	10-1	10-1	10-1	10-1	10-1	10-1	10-1	10-1	10-1	10-1	10-1	10-1	10-1	16-3	16-3	16-3	16-3	16-3	16-3	Exhibit G –

RR-1

EXHIBIT "1" Page **90** of **326**

Exhibit G - Page 6 of 6

									3		
	:										
\$1,650	\$660	\$5,774	\$165	\$165	\$84	5 \$	\$330	\$165	\$165	\$330	\$1
\$1,650	\$660	\$5,774	\$165	\$165	\$84	5 \$	\$330	\$165	\$165	\$330	\$1
PMCS	R&G Engineering	SE3	Urban GIS	Wang Engineering	Hanson Professional Services	HDR	Collins Engineering	Frega Associates	Middleton Construction Consulting	SCIGON	Quantum Spatial
RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265	RR-16-4265
16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3	16-3

Consultant:	AECOM Technical Services, Inc.

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	2iM Group, LLC			6	Panacea Group, LLC.			
	Direct Labor	\$ 259,826.56	•		Direct Labor	\$ 207,564.00		
	Direct Costs	\$ 6,130.94	•		Direct Costs	\$ 7,898.50		
	Services by Others				Services by Others	\$ -		
	Additional Services **				Additional Services **	\$ -		
	Total this Subconsultant (ULC)		\$ 265,957.50	•	Total this Subconsultant (ULC)		\$	215,462.50
2	American Survey & Engineering, P.C.			7	Program Management & Control System	ms, LLC.		
	Direct Labor		•		Direct Labor	\$ 2,141,568.32		
	Direct Costs				Direct Costs	\$ 13,056.68		
	Services by Others				Services by Others	\$ -		
	Additional Services **				Additional Services **	\$ -		
	Total this Subconsultant (ULC)		<u> </u>	•	Total this Subconsultant (ULC)		\$	2,154,625.00
3	Construction Cost Systems, Internation	al, Inc.		8	R&G Engineering, Inc.			
	Direct Labor	\$ 415,128.00			Direct Labor	\$ 247,866.08		
	Direct Costs	\$ 15,797.00	•		Direct Costs	\$ 5,295.92		
	Services by Others	<u> </u>			Services by Others	\$ -	,	
	Additional Services **	\$ -			Additional Services **	\$ -	,	
	Total this Subconsultant (ULC)	,	\$ 430,925.00	•	Total this Subconsultant (ULC)		\$	253,162.00
4	EJM Engineering, Inc.			9	SE3, LLC.			
	Direct Labor	\$ 609,514.08			Direct Labor	\$ 7,402,767.76		
	Direct Costs	\$ 36,873.42			Direct Costs	\$ 138,419.74		
	Services by Others	<u> </u>			Services by Others	\$ -		
	Additional Services **	<u> </u>	•		Additional Services **	\$ -		
	Total this Subconsultant (ULC)		\$ 646,387.50		Total this Subconsultant (ULC)		\$	7,541,187.50
5	Metro Strategies, Inc.			10	Urban GIS, Inc.			
	Direct Labor	\$ 836,115.95			Direct Labor	\$ 207,727.52		
	Direct Costs	\$ 25,734.05			Direct Costs	\$ 7,734.98		
	Services by Others	\$			Services by Others	\$ -		
	Additional Services **	\$ -			Additional Services **	\$ -		
	Total this Subconsultant (ULC)		\$ 861,850.00		Total this Subconsultant (ULC)		\$	215,462.50
Add	itional services funds require prior author	rization before use			TOTAL DBE/MBE/WB	E Subconsultants:	\$	12,585,019.50
				TOTAL	Additional Services DBE/MBE/WB	E Subconsultants:	\$	-
				T	OTAL Allowable Fee DBE/MBE/WB	E Subconsultants:	\$	12.585.019.50

27.91%

28.74%

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

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

Contract No.:	RR-16-4265	Consultant:	AECOM Technical Services, Inc.

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 Wang Engineering, Inc.

	Direct Labor	\$ 203,750.09	<u>) </u>		Direct Labor		-	
	Direct Costs	\$ 11,712.41	<u>_</u>		Direct Costs	\$ -	_	
	Services by Others		_		Services by Others	\$ -		
	Additional Services **		_		Additional Services **	\$ -	•	
	Total this Subconsultant (ULC)		\$ 215,462.50	<u>_</u>	Total this Subconsultant (ULC)		\$	-
2				_				
	Direct Labor		_	7			-	
	Direct Costs		_		Direct Labor	<u> </u>	-	
	Services by Others		_		Direct Costs	\$ -	•	
	Additional Services **		_		Services by Others Additional Services **	<u>\$</u> -	•	
	Total this Subconsultant (ULC)		- \$ -			<u>.</u>		
	(020)			_	Total this Subconsultant (ULC)		_\$	
3	- · · · · · · · · · · · · · · · · · · ·		_	8				
	Direct Labor		_		Direct Labor			
	Direct Costs	<u> </u>	_		Direct Costs	\$ -		
	Services by Others	\$ -	-		Services by Others	\$ -		
	Additional Services **	<u> </u>	_		Additional Services **	\$ -		
	Total this Subconsultant (ULC)		<u> </u>	_	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	<u> </u>		
	Services by Others	\$ -	_		Services by Others	<u> </u>		
	Additional Services **	<u> </u>	_		Additional Services **	<u> </u>		
	Total this Subconsultant (ULC)		<u>\$</u> -	-	Total this Subconsultant (ULC)		\$	
Additiona	l services funds require prior author	rization before use			TOTAL DBE/MBE/WB	E Subconsultants:	\$	215,462,50
				TOTAL Add	tional Services DBE/MBE/WB	•	•	
						•		
			DD		. Allowable Fee DBE/MBE/WB	-	\$	215,462.50
					tage of Total Fee (includes Ad			0.48%
			VOLIMBE/TIDE P	ercenrage of I	otal Fee (does not include Ad	idiuonai Services): _		0.49%

DD 4	0 4005
KK-	6-4265

Consultant:	AECOM Technical Services, Inc.
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EXHIBIT H - SERVICES BY OTHERS (continued)

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

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

		•					
1	Hanson Professional Services, Inc.		- .	6	Scigon Solutions, Inc.		_
	Direct Labor	\$	-		Direct Labor	\$ 415,912.00	-
	Direct Costs	\$	_		Direct Costs	\$ 15,013.00	-
	Services by Others				Services by Others	\$ -	_
	Additional Services **		_		Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		\$	_	Total this Subconsultant (ULC)		\$ 430,925.00
2	HDR, Inc.		_	7	Quantam Spatial		
	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	Collins Engineering, inc.			_	(-2-,		
	Direct Labor	£ 440.405.04	-	8			
		\$ 410,135.94	-		Direct Labor		•
	Direct Costs	\$ 20,789.06	-		Direct Costs	_\$	
	Services by Others	\$ -	-		Services by Others	\$ -	-
	Additional Services **	_\$	-		Additional Services **	\$	•
	Total this Subconsultant (ULC)		\$ 430,925.00	<u>_</u>	Total this Subconsultant (ULC)		\$
4	Frega Asssociates, Ltd.		-	9			
	Direct Labor	\$ 208,700.80	_		Direct Labor	\$ -	
	Direct Costs	\$ 6,761.70	_		Direct Costs	\$ -	
	Services by Others	\$ -	-		Services by Others	\$ -	
	Additional Services **	\$ -			Additional Services **	\$ -	
	Total this Subconsultant (ULC)		\$ 215,462.50	_	Total this Subconsultant (ULC)		\$ -
5	Middleton Construction Consulting, Inc.			10			
	Direct Labor	\$ 205,779.84	•		Direct Labor		
	Direct Costs	\$ 9,682.66	•		Direct Costs	\$ -	
	Services by Others	\$ -	•		Services by Others	\$ -	
	Additional Services **	\$ -	-		Additional Services **	\$ -	
	Total this Subconsultant (ULC)		\$ 215,462.50			-	•
			Ψ <u>∠10,402.50</u>	_	Total this Subconsultant (ULC)	-	\$ -

*	Additional	services	funds	require	prior	authorization before	use

TOTAL Non-DBE/MBE/WBE Subconsultants:	\$	1,292,775.00
---------------------------------------	----	--------------

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

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ 1,292,775.00

Contract Information Sheet

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

Consultant Name:	2iM Group, LLC	
Contract Number:	RR-16-4265	
Proposal Date:	6/1/2017	

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

RR-16-4265 Contract Number:

Consultant:

2iM Group, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

									Gra	nd Total	Grand Total Exhibit A Hours	A Hours	2,360
								_					TOTAL
					M	MONTHS of YEAR 2019	YEAR 20	019					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
		***************************************	***************************************										
					160	160	160	160	160	160	160	160	1280
DCM & DSE Services	***************************************							***************************************					
		***************************************		***************************************								***************************************	

		***************************************			***************************************								
	***************************************	***************************************											
				***************************************						***************************************			

		**************************************										***************************************	
Andreas and the state of the st			A 1000000000000000000000000000000000000										
TOTALS					160	160	160	160	160	160	160	160	1280

TOTALS

Contract Number:	RR-16	RR-16-4265				ဦ	Consultant:			2iM Gr	2iM Group, LLC		
				EXHIB	BIT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASK	VORK H	OURS				
					MO	MONTHS of YEAR 2020	YEAR 20	020					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	,				ļ						ů,		
DCM & DSE Services	160	160	160	160	160	160	120						1080
TOTALS	160	160	160	160	160	160	120						1080

Contract No.:	RR-16-4265	Consultant:		2iM Group,	LLC	
	EXHIE	BIT B: FEE CAL	<u>CULATI</u>	<u>ONS</u>		
A. DIRECT LAB	OR (without overtime)					
	2,360.00 X (Total Work Hours from Exhibit C-2)	(Average Hourly Rate from Exhibit C-2)	•	TOTAL DIRECT SALARY	<u> \$ </u>	92,795.20
	ultiplier to be used on this project: Allowable Multiplier = (2.8 DSE) (2		O)			2.80
	DIRECT	REGULAR SAL	ARY TIN	MES MULTIPLIER	\$	259,826.56
	BLE DIRECT COSTS NO or Prime Consultant listed above.)		R PROF	ΊΤ		
				TOTAL DIRECT COSTS		\$6,130.94
C. SERVICES B	Y OTHERS					
To	otal Allowable Fee DBE/MBE/WBE	Subconsultant (from	Exhibit H)	\$ -	-	
Total Allowab	ole Fee Non-DBE/MBE/WBE Subco	nsultant (from Exhib	t H (cont))	\$ -	-	
			TOTA	L SERVICES BY OTHERS	\$	
	SERVICES (Prime Consultant	•	quires prio	r authorization before use)		
ADDITIONAL	SERVICES (Subconsultants)	(Re	quires prio	r authorization before use)	•	
		(Re		L ADDITIONAL SERVICES rauthorization before use)	\$	-
E. MAXIMUM AL	LOWABLE FEE (Upper Lim	it of Compensation)			\$	265,957.50

Contract No.: RR	RR-16-4265	Consultant:		2IM Group, LLC
Date: 6	5/1/2017			
	EXHIBIT C-1: P	EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	SCALATION TABLE	
	CONTRACT TERM:	15	No. OF MONTHS	
	SCHEDULED START DATE:	5/1/2019		
	RAISE DATE:	1/1/2020		-
	PERCENT OF RAISE:	%0		
	ESCALA	ESCALATION PER YEAR Year 1 through 5	hrough 5	
5/1/2019 - 12/31/2019	9 1/1/2020 - 7/31/2020	1		1
Date Date	Date Date	Date Date	Date Date	Date Date
15.0	15.0	15.0	15.0	15.0
53.33% Factor First Period	46.67% Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period
	ESCALAT	ESCALATION PER YEAR Year 6 through 10	irough 10	
•	•			-
Date Date	Date Date	Date Date	Date Date	Date Date
15.0	15.0	15.0	15.0	15.0
Escalation Factor Skth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period
The esc	The escalation factor for this project is:	100.00%	ı	

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EXHIBIT "1" Page **99** of **326**

	DIRECT COST OVERTIME PREMIUM	Total Estimated O/T Hours:	Average Premlum O/T Hourly Rate:	Total Overtime Premium:	Escalated Estimated Average Overtime Premium Hours Overtime (Overtime Hourly Rate Hours Only) (See Note C to (See Note D to Right)													
100.00% (From Exhibit C-1)		2,360.00	\$39.32	\$92,795.20	Estimated Work Hours (Including Overtime)	122.00	167.00		484.00	484.00	484.00	484.00		75.00				00:09
Escalation Factor:	RATES	Total Estimated Work Hours:	Average Hourly Rate:	Total Direct Labor	Average Average Hourty Rate for for Classification Classification (See Note B to Right)	\$61.29	\$55.20		\$46.96	\$39.70	\$33.21	\$30.15		\$28.36				\$22.69
Escala	OURS AND				Average Average Average Hourly Rate for Classification Classification (See Note A to (See Note B to Right)	\$61.29	\$55.20		\$46.96	\$39.70	\$33.21	\$30.15		\$28.36				\$22.69
	TION MAN-H				Tollway MAXIMUM Hourly Rate for Classification	\$70.00	\$70.00	\$70.00	\$70.00	\$60.00	\$40.00	\$60.00	\$60.00	\$50.00	\$70.00	\$70.00	\$20.00	\$40.00
	CLASSIFICA.				Tollway MINIMUM Hourly Rate for Classification	\$50.00	\$40.00	\$40.00	\$40.00	\$25.00	\$20.00	\$20.00	\$25.00	\$15.00	\$30.00	\$20.00	\$8.25	\$8.25
6/1/2017	EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES				Tollway Classification	Principal	Project Manager	Senior Engineer/Planner	Resident Engineer	Project Engineer/Planner⊡	Staff Engineer/Planner	Engineer /Accountant	Senior Technical Specialist	Technical Specialist	Architect	Realty Specialists	Intern	Admin/Clerical
Date:					Classification Eligible for Premium Overtime?	Š	Š	No No	8	N _O	S.	8	2	₽	No	2	2	No.

2iM Group, LLC

Consultant:

Contract No.: RR-16-4265

Date: 6/1/2017

Contract No.: RR-16-4265 Consultant:	2iM Group, LLC
--------------------------------------	----------------

Date: 6/1/2017

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	Senior Professional	Luis Montgomery	\$50 - \$70
Project Manager	Project Manager	Orhan ligaz Ulger	\$40 - \$70
		John Morgan	
		Yun Kim	
Senior Engineer/Planner			\$40 - \$70
Resident Engineer	Project Engineer I	Amalia Baymundo	\$40 - \$70
Project Engineer/Planner□	Project Engineer II	Ethezazuddin Ghiasuddin	\$25 - \$60
Staff Engineer/Planner	Junior Engineer I	Serdar Akin	\$20 - \$40
		Brian Ruddy	
· · · · · · · · · · · · · · · · · · ·		Jorge Rueda	
Engineer /Accountant	Junior Engineer II	Jose Macias	\$20 - \$60
		Natalia Mikolajczyk	
		Lisa Nielsen	
		Krystian Powala	
Senior Technical Specialist			\$25 - \$60
Technical Specialist	Junior Environmental I	Jessica Flynn	\$15 - \$50
		Aaron Seymour	
	Junior Environmental II	Sarah Bolitho	
		Neal Phelps	
		Brian Rathunde	
Architect			\$30 - \$70
Realty Specialists		, <u>, , , , , , , , , , , , , , , , , , </u>	\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Administration	Kateleen Gombas	\$8.25 - \$40
·			

Contract No.:	RR-16-4265	Consultant:	2iM Group, LLC
		EXHIBIT D	
	REIMBURSABLE DIR	RECT COSTS - WORKS	SHEET ESTIMATES
Α.	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/Er		
В.	ALLOWABLE DIRECT COST http://www.illinoistollway.com/c OLLWAY XX ALLOWABLED	documents/10157/2389762	
C.	ITEMIZED DIRECT COSTS - Allowable Direct Costs list, v from the Chief Engineer prior	written permission must	be received
	DIRECT COST CATEGORY		
	None		
	-		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 6,130.94

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

copies of Beliverables and mylane	
Specific Insurance – required for project	Actual Cost
CADD	Actual Costs (Maximum of \$15.00/Hr)
<u> </u>	

Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
Web Site	Actual Cost
Escility Rental for Public Meetings & Exhibits/Rendering	

Actual Cost
Actual Cost
Actual Cost
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	

Equipment rental specific for project (snooper for bridge	
inspection, poise meter, etc.)	Actual Cost

Specialized equipment – on an as needed basis with prior	
	Actual Cost

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 <u>http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx</u>
- **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.:	RR-16-4265	Consultant:	2iM Group, LLC
	<u>E</u>)	(HIBIT E - KEY PROJECT PE	RSONNEL
Project Principa	al:		
Project Manage	r:		
Project Enginee	er:		
Resident Engine	eer:		
Documentation	Engineer:		
Project Civil En	gineer:		
Project Structur	al Engineer:		
Project Drainag	e Engineer:		
Senior Engineer	r: _		
Others:	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265 2iM Group, LLC SCOPE OF SERVICES

Assist in Design Corridor Management and Design Section Engineer tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

Rev. 6/2016

Contract No. RR-16-4265

2iM Group, LLC

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.

Work Scope & Description of Project

Fee (Including all Supplementals and Extra Work Orders)

Fee Remaining To Be Earned Estimated
Date of
Completion

Contract N	lo.: RR-16-4265	_		Consultant:		2iM Group, LLC		
			EXHIBIT H - SE	RVICES BY (OTHERS			
Exhibits A	A-G must be submitted	for each subco	onsultant listed	below. If a s	ubconsultant requires	"Services by Oth	ers", the	ey must
			nd attach Exhib	oits A-G for s	econd tier subconsult	ants.		
DBE/MBE/V	VBE SUBCONSULTAN	TS						
1				6				
Di	rect Labor		-		Direct Labor	, , ,	_	
Di	rect Costs				Direct Costs	\$ -	_	
Se	rvices by Others		_		Services by Others	\$ -	_	
Ad	Iditional Services **		_		Additional Services **	\$ -	_	
To	tal this Subconsultant (ULC)		\$ -	_	Total this Subconsultant (ULC)		- \$	_
2				_				
	rect Labor		-	7	Direct Labor		-	
	rect Costs		-		Direct Costs	s -	_	
	rvices by Others		_		Services by Others	\$ -	-	
	Iditional Services **	-	_		Additional Services **	\$ -	_	
To	tal this Subconsultant (ULC)		_ \$ -		Total this Subconsultant (ULC)		- \$	_
	` '			•	(020)	,		
3			_	8	 			
	rect Labor		_		Direct Labor		_	
	rect Costs	\$ -	_		Direct Costs	<u>\$</u> -	_	
	rvices by Others	\$ -	_		Services by Others	<u> </u>	_	
	ditional Services **	\$ -	-		Additional Services **	<u> </u>	-	
10	tal this Subconsultant (ULC)		<u> </u>	•	Total this Subconsultant (ULC)		\$	-
4			_	9			_	
Dir	rect Labor		_		Direct Labor		_	
Die	rect Costs	\$	_		Direct Costs	\$ -	_	
Se	rvices by Others	\$ -	_		Services by Others	\$ -		
Ad	ditional Services **	\$ -	_		Additional Services **	\$ -	_	
To	tal this Subconsultant (ULC)		<u> </u>		Total this Subconsultant (ULC)		\$	-
5				40				
	rect Labor		_	10	Direct Labor		_	
	rect Costs	\$ -	-		Direct Costs	\$ -	_	
	rvices by Others	\$ -	_		Services by Others	\$ -	-	
	ditional Services **	\$ -	-		Additional Services **	\$ -	_	
	tal this Subconsultant (ULC)		- \$ -		Total this Subconsultant (ULC)		- \$	_
				•			<u> </u>	
** Additional serv	vices funds require prior author	ization before use			TOTAL DBE/MBE/M	/BE Subconsultants:	\$	-
				TOTAL Additi	onal Services DBE/MBE/M	/BE Subconsultants:	\$	•
				TOTAL A	Allowabie Fee DBE/MBE/M	/BE Subconsultants:	\$	

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

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

D	4	NI
Proi	ect	NO.

_	_				
D	R.	IR.	.42	e.	:

Consultant:	 2iM Group, LLC	;

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.

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

**	Additional	services	funds	require	prior authorization before use	8
----	------------	----------	-------	---------	--------------------------------	---

Direct Costs

Services by Others

Additional Services **

Total this Subconsultant (ULC)

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

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

Direct Costs

Services by Others

Additional Services **

Total this Subconsultant (ULC)

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: CCS International, Inc

Contract Number: RR-16-4265

Proposal Date: 6/1/2017

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

Version 13

Contract Number: R-16-4265 Supp No.

Consultant:

CCS International, Inc

Grand Total Exhibit A Hours

EXHIBIT A: ESTIMATED TASK WORK HOURS

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dee nating 40 40 48 48 48 64 80						MOI	NTHS of	MONTHS of YEAR 2019	119					TOTAL HOURS
40 40 48 48 48 64 80 80 80 80 80 80 80 80 80 80 80 80 80	TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
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40 40 48 48 64 80 80											*		***************************************	
40 40 48 48 48 64 80 80 80														
	TOTALS	40	4	40	48	48	48	48	64	80	80	80	80	969

MONTHS of YEAR 2020 Sep	RR-16-4265				L	So	Consultant:			CCS International, Inc	national, I	lnc	
Apr May Jun Jul Aug Sep Oct Nov Dec HOUIF				EXHIB	II A: ESI	IMATEL	TASK V	VORK H	OURS				
Apr May Jul Aug Sep Oct Nov Dec 30 80 80 80 80 80 80 80 40 80 80 80 80 80 80 80 40 80 80 80 80 80 80 80					MOP	VTHS of	YEAR 20	20				i i	TOTAL HOURS
80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80 80	Feb Mar	Ma		Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
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Contract Number:	RR-16-4265	-4265				S	Consultant:			CCS International, Inc	national,	<u>일</u>	
				EXHIB	IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASK	NORK H	OURS				
	:				MO	MONTHS of YEAR 2021	YEAR 2	021				٠	TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Cost Fetimating	Q	Q	ά	ď	G	Ca							160
500	3	3	3	3	3	70							407
			•										
TOTALS	80	80	80	80	80	62							462

Contract No.:RR-16-4265	Consultant: _	CCS Internation	nal, inc	
EXHIB	BIT B: FEE CALC	<u>ULATIONS</u>		
A. DIRECT LABOR (without overtime)				
2,118.00 X (Total Work Hours from Exhibit C-2)	\$ 70.00 (Average Hourly Rate from Exhibit C-2)	= TOTAL DIRECT SALARY	<u> </u>	148,260.00
Multiplier to be used on this project: Allowable Multiplier = (2.8 DSE) (2.	5 or 2 9 CM\ /2 5 DMO\			2.80
		RY TIMES MULTIPLIER	\$	415,128.00
B. REIMBURSABLE DIRECT COSTS NOT (For Prime Consultant listed above.)	ELIGIBLE FOR	PROFIT		
		TOTAL DIRECT COSTS		\$15,797.00
C. SERVICES BY OTHERS			,	
Total Allowable Fee DBE/MBE/WBE	Subconsultant (from E	xhibit H) \$ -		
Total Allowable Fee Non-DBE/MBE/WBE Subcor	nsultant (from Exhibit I		-	
		TOTAL SERVICES BY OTHERS	\$	-
D. ADDITIONAL SERVICES (Prime Consultant)	d'	ires prior authorization before use)		
ADDITIONAL SERVICES (Subconsultants)	(Requ	ires prior authorization before use)		
	(Requ	TOTAL ADDITIONAL SERVICES ires prior authorization before use)	\$	
E. MAXIMUM ALLOWABLE FEE (Upper Limit	t of Compensation)		\$	430,925.00

CCS International, Inc								Date Date	30.0	iod Escalation Factor Fifth Period		Date Date	30.0	od Escalation Factor Tenth Period	
		I ESCALATION TABLE	No. OF MONTHS			through 5		Date Date	30.0	Escalation Factor Fourth Period	through 10	Date Date	30.0	Escalation Factor Ninth Period	
Consultant:		EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	30	1/1/2020	%0	ESCALATION PER YEAR Year 1 through 5	1/1/2021 - 6/30/2021	Date Date	30.0	20.00% Escalation Factor Third Period	ESCALATION PER YEAR Year 6 through 10	- Date Date	30.0	Escalation Factor Eighth Period	
COZH-O	6/1/2017	EXHIBIT C-1: P.	CONTRACT TERM: SCHEDULED START DATE:	RAISE DATE:	PERCENT OF RAISE:	ESCALA	1/1/2020 - 12/31/2020	Date Date	30.0	40.00% Escalation Factor Second Period	ESCALAT	- Date Date	30.0	Escalation Factor Seventh Period	
Collinati No.	Date: 6/1/7						1/1/2019 - 12/31/2019	Date Date 12.0	30.0	40.00% Factor First Period		Date Date	30.0	Escalation Factor Sixth Period	

Contract No.: RR-16-4265

Consultant:

CCS International, Inc

Date: 6/1/2017

Escalation Factor:

100.00% (From Exhibit C-1)

		EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES	CLASSIFICA	TION MAN-F	IOURS AND	RATES	- 19	DIRECT COST OVERTIME PREMIUM	COST
						Total Estimated Work Hours:	2,118.00	Total Estimated O/T Hours:	
						Average Hourly Rate:	\$70.00	Average Premium O/T Hourly Rate:	
						Total Direct Labor	\$148,260.00	Total Overtime Premium:	
5 "	Classification Eligible for		Toliway MINIMUM	Tollway MAXIMUM	Average Hourly Rate for	Escalated Average Hourly Rate for	Estimated Work House	Escalated Average Premium Overtime	Estimated Overtime Hours (Overtime
	Premium Overtime?	Tollway Classification	for Classification	for Classification	(See Note A to Right)	(See Note A to (See Note B to Right)	(Including Overtime)	See Note C to Right)	See Note D to Right)
	8	Principal	\$50.00	\$70.00					
	8	Project Manager	\$40.00	\$70.00					
	% 8	Senior Engineer/Planner	\$40.00	\$70.00	\$70.00	\$70.00	2,118.00		
	8	Resident Engineer	\$40.00	\$70.00					
	No	Project Engineer/Planner□	\$25.00	\$60.00					
	No	Staff Engineer/Planner	\$20.00	\$40.00					
	No	Engineer /Accountant	\$20.00	\$60.00					
	No	Senior Technical Specialist	\$25.00	\$60.00					
Do.	No	Technical Specialist	\$15.00	\$50.00					
_	No	Architect	\$30.00	\$70.00			1 100,000		
XH	No	Realty Specialists	\$20.00	\$70.00					
	No	Intern	\$8.25	\$20.00					
T †	No.	Admin/Clerical	\$8.25	\$40.00					
1"									

Contract No.: RR-16-4265	Consultant:	CCS International, Inc
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Date: 6/1/2017

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			\$40 - \$70
Senior Engineer/Planner		Robert Svoboda	\$40 - \$70
		Paul Laudolff	
		Marvin Fitzwater	
		Jeffrey Klima	
		Marc Rogers	
		Rick Nolte	
		Woodrow Sanner	
		Renato Tangarn	
		Joseph Alva	
		Jim Nuckolls	
		Senen Villanueva	
Resident Engineer			\$40 - \$70
Project Engineer/Planner□			\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
ntem			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40

Contract No.:	RR-16-4265	Consultant:	CCS International, Inc
		EXHIBIT D	
	REIMBURSABLE DIR	RECT COSTS - WORK	SHEET ESTIMATES
A .	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/Er		
В.	ALLOWABLE DIRECT COST http://www.illinoistollway.com/c OLLWAY XX ALLOWABLED	locuments/10157/238976	52/12 LG T
C.	ITEMIZED DIRECT COSTS - Allowable Direct Costs list, we from the Chief Engineer prior	vritten permission mus	t be received
	DIRECT COST CATEGORY		
	None		
•			
-			
-			
-			

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 15,797.00

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
7.11 1 3.10	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.:	KK-10-4200	_ Consultant:	CCS International, Inc
	<u> </u>	XHIBIT E - KEY PROJECT PERS	SONNEL .
Project Princi	pal:		
Project Manag	ger:		
Project Engin	eer:		
Resident Eng	ineer:		
Documentation	on Engineer:		
Project Civil E	Engineer:		
Project Struct	tural Engineer:		
Project Draina	age Engineer:		
Senior Engine	eer:		
Others:	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265
CCS International, Inc
SCOPE OF SERVICES

Perform cost estimate services or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

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Page 1

EXHIBIT G

Contract No. RR-16-4265

CCS International, Inc

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
	RR-10-9973 General Engineering Consultant	\$1,142.50		6/31/2017
	Metra Station Parkin Lot & Road Facilities #97393	Hourly		6/1/2019

ct No.: <u>RR-16-4265</u>	_	-	nsultant:		International, Inc	
		EXHIBIT H - SERVI	CES BY OTH	<u>IERS</u>		
s A-G must be submitted	for each subo	onsultant listed belo	ow. If a sub	consultant requires "	Services by Oth	ners", the
incl	ude Exhibit H	and attach Exhibits	A-G for seco	nd tier subconsultar	nts.	
E/WBE SUBCONSULTAN	TS					
_			6			
Direct Labor		_		ect Labor		_
Direct Costs				oct Costs	\$ -	_
Services by Others		_		vices by Others	\$ -	_
Additional Services **		_		litional Services **	\$ -	_
Total this Subconsultant (ULC)		 s -		al this Subconsultant (ULC)		- •
, ,		· · · · · · · · · · · · · · · · · · ·	100	ar una oupconsultant (OLO)		Ψ
		<u> </u>	7			
Direct Labor		_	Dire	ect Labor		_
Direct Costs		_	Dire	ect Costs	\$ -	_
Services by Others		_	Sen	vices by Others	\$ -	_
Additional Services **	-	- .	Add	itional Services **	_\$	_
Total this Subconsultant (ULC)		<u> </u>	Tota	al this Subconsultant (ULC)		\$
	·	_	8			
Direct Labor			Dire	ct Labor		_
Direct Costs	\$ -		Dire	ct Costs	\$ -	_
Services by Others	\$ -		Sen	rices by Others	\$ -	_
Additional Services **	\$ -		Add	itional Services **	\$ -	_
Total this Subconsultant (ULC)		_\$	Tota	il this Subconsultant (ULC)		\$
			٥			
Direct Labor			Dire	ct Labor	-	
Direct Costs	\$ -	_		ct Costs	s -	_
Services by Others	\$ -			ices by Others	^	-
Additional Services **	\$ -	_		itional Services **	\$ - \$ -	-
Total this Subconsultant (ULC)		 \$ -		I this Subconsultant (ULC)	<u> </u>	
(020)			100	i uns subconsultant (ULC)		<u> </u>
	····	_	10			_
Direct Labor			Dire	ct Labor		_
Direct Costs	\$ -		Dire	ct Costs	\$ -	_
Services by Others	\$ -		Serv	ices by Others	\$ -	_
Additional Services **	\$ -	_	Addi	tional Services **	\$ -	_
Total this Subconsultant (ULC)		_\$ -	Tota	I this Subconsultant (ULC)		\$

TOTAL DBE/MBE	E/WBE	Subconsul	tants:	\$	-
				 	_

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):

^{**} Additional services funds require prior authorization before use

D	rai	201	No.
-			ITU.

Co	nsı	ılta	nt·	

CCS International, Inc

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.

					6				
Direct La	abor				-	Direct Labor			
Direct C	osts					Direct Costs	\$		
Services	by Others					Services by Others	\$	-	
Addition	al Services **					Additional Services **			
Total thi	s Subconsultant (ULC)		\$			Total this Subconsultant (ULC)		<u> </u>	
					7				
Direct La	abor			,		Direct Labor	\$		
Direct Co	osts					Direct Costs	\$	<u>- </u>	
Services	by Others	_				Services by Others	\$	<u> </u>	
Addition	al Services **					Additional Services **	\$		
Total this	s Subconsultant (ULC)		_\$			Total this Subconsultant (ULC)		\$	
					8 _				
Direct La	bor	\$				Direct Labor	\$		
Direct Co	osts	\$				Direct Costs	\$		
Services	by Others	_\$				Services by Others	\$		
Addition	al Services **	\$				Additional Services **	\$		
Total this	Subconsultant (ULC)		\$			Total this Subconsultant (ULC)		\$	
					9 _				
Direct La	bor	\$	<u>-</u>			Direct Labor	\$ -	<u> </u>	
Direct Co	ests	\$	<u>-</u>			Direct Costs	\$ -	<u> </u>	
Services	by Others	\$				Services by Others	\$ -		
Additiona	al Services **	\$				Additional Services **	\$ -	•	
Total this	Subconsultant (ULC)		\$	-		Total this Subconsultant (ULC)		\$	
		· · · · · · · · · · · · · · · · · · ·			10 _				
Direct La	bor	\$				Direct Labor	\$ -	<u>. </u>	
Direct Co	sts	\$	_=			Direct Costs	\$ -	<u></u>	
Services	by Others	\$	<u>-</u>			Services by Others	\$ -	<u>. </u>	
Additiona	l Services **	\$	<u>-</u>			Additional Services **	\$		
Total this	Subconsultant (ULC)		\$			Total this Subconsultant (ULC)		\$	
onal services fu	ınds require prior author	zation hefore use				TOTAL Non-DBE/MBE/M	IDE Subsancultur		

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

Contract Information Sheet

Complete the follo	wing information and it will be populated on every exhibit.	
Consultant Name	Collins Engineer, Inc.	
Contract Number	RR-16-4265	
Proposal Date:	6/1/2017	
Exhibit Pointers	Editable cells in each exhibit are underlined in red	
in the second	Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxe	S
	A full set of instructions to complete the exhibits is available on the Tollway's website	#- T

Contract Number: RR-16-4265 Supp 1

Consultant:

Collins Engineer, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

									Gra	Ind Total	Grand Total Exhibit A Hours	A Hours	3,176
								•					TOTAL
					M	MONTHS of YEAR 2018	YEAR 2	018					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
						***************************************	***************************************				00,	00,	100
DCM & DSE Services			***************************************				***************************************		120	120	120	120	480
ALE													
		***************************************	***************************************										
				THE TAXABLE PROPERTY OF THE PARTY OF THE PAR									
	***************************************	***************************************											
Andrewsenson													
TOTALS									120	120	120	120	480

Contract Number:	RR-16-4265	4265				S	Consultant:		i	Collins E	Collins Engineer, Inc.		
	_			EXHIB	IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS) TASK	NORK H	ours			_	
					8	MONTHS of YEAR 2019		119					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	Inc	Aug	Sep	Oct	Nov	Dec	
DCM & DOE Conjuga	120	420	007	1	100								
DOIN & DOE SELVICES	120	NZI	NZ.	121	160	160	160	160	160	160	160	160	1761
TOTALS	120	120	120	121	160	160	160	160	160	160	160	160	1761

Contract Number:	RR-16-4265	4265				Con	Consultant:			Collins E	Collins Engineer, Inc.	į	
	_			EXHIB	EXHIBIT A: ESTIMATED TASK WORK HOURS	TIMATE	TASK	NORK H	OURS				•
													H
					WO	MONTHS of YEAR 2020	YEAR 2	020					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM & DSE Services	160	160	160	160	160	135							200
						3							000
TOTALS	160	700	007	00,		10,							
IOIAES	l PO	ngi.	190	160	160	135							935
					!				į.				

C	ontract No.: _	RR-16-4265		Consultant:		Collins Engine	er, Inc.	
		<u>EX</u>	HIBI	IT B: FEE CALC	ULAT	<u>IONS</u>		
A.	DIRECT LA	BOR (without overtime)						
		3,176.00 (Total Work Hours from Exhibit C-2)	X	\$ 46.12 (Average Hourly Rate from Exhibit C-2)	=	TOTAL DIRECT SALARY	\$	146,477.12
	N	lultiplier to be used on this proj Allowable Multiplier = (2.8 DSI		5 or 2.8 CM) (2.5 PMO)			2.80
		DIREC	T R	EGULAR SALA	RY TII	MES MULTIPLIER	\$	410,135.94
В.		ABLE DIRECT COSTS Notes to the control of the consultant listed about the consultant l		ELIGIBLE FOR	PROF	ПТ		
						TOTAL DIRECT COSTS		\$20,789.06
C.	SERVICES E	BY OTHERS						
	ר	otal Allowable Fee DBE/MBE/W	BE S	ubconsultant (from E	xhibit H)	\$ -		
	Total Allowa	ble Fee Non-DBE/MBE/WBE Su	bcons	sultant (from Exhibit l	d (cont))	\$ -		
					TOTA	AL SERVICES BY OTHERS	\$	-
D.		SERVICES (Prime Consul	•	(Requ	ires pric	or authorization before use)		
	ADDITIONAL	SERVICES (Subconsultan	ts)	(Requ	ires prio	er authorization before use)		
				(Requ		L ADDITIONAL SERVICES authorization before use)	\$	-
E.	MAXIMUM A	LLOWABLE FEE (Upper I	Limit (of Compensation)			\$	430,925.00

Contract No.: RR-1	16-4265	Consultant:		Collins Engineer, Inc.
Date: 6/1	1/2017			
	EXHIBIT C-1: P	EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	SCALATION TABLE	
	CONTRACT TERM:	22	No. OF MONTHS	
	SCHEDULED START DATE:	9/1/2018		
	RAISE DATE:	1/1/2019		
	PERCENT OF RAISE:	%0		
	ESCALA.	ESCALATION PER YEAR Year 1 through 5	irough 5	
9/1/2018 - 12/31/2018	1/1/2019 - 12/31/2019	1/1/2020 - 6/30/2020	1	1
Date Date	Date Date	Date Date	Date Date	Date Date
22.0	22.0	22.0	22.0	22.0
18,18% Factor First Period	54.55% Escalation Factor Second Period	27.27% Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period
	ESCALAT	ESCALATION PER YEAR Year 6 through 10	rough 10	
1	1		1	1
Date Date	Date Date	Date Date	Date Date	Date Date
22.0	22.0	22.0	22.0	22.0
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period
The escal	lation factor for this project is:	100.00%		

Version 13

Contract No.:

RR-16-4265

Consultant:

Collins Engineer, Inc.

6/1/2017 Date:

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

DIRECT COST OVERTIME PREMIUM	tal ∑:	ge 7.7	ne n:	Estimated Overtime Hours (Overtime Hours Only) to (See Note D to													
DIRE OVERTIN	Total Estimated O/T Hours:	Average Premium O/T Hourly Rate:	Total Overtime Premium:	Escalated Average Premium Overtime Hourly Rate (See Note C to													
	3,176.00	\$46.12	\$146,477.12	Estimated Work Hours (Including Overtime)	136.00	190.00	130.00	130.00	130.00	130.00	130.00	840.00	840.00			260.00	260.00
RATES	Total Estimated Work Hours:	Average Hourly Rate:	Total Direct Labor	Escalated Average Hourly Rate for Classification (See Note B to Right)	\$70.00	\$70.00	\$70.00	\$70.00	\$60.63	\$41.77	\$49.95	\$46.48	\$39.75			\$18.47	\$32.38
SIFICATION MAN-HOURS AND RATES				Average Hourly Rate for Classification (See Note A to Right)	\$70.00	\$70.00	\$70.00	\$70.00	\$60.63	\$41.77	\$49.95	\$46.48	\$39.75			\$18.47	\$32.38
TION MAN-				Tollway MAXIMUM Hourly Rate for Classification	\$70.00	\$70.00	\$70.00	\$70.00	\$60.00	\$40.00	\$60.00	\$60.00	\$50.00	\$70.00	\$70.00	\$20.00	\$40.00
CLASSIFICA				Tollway MINIMUM Hourly Rate for Classification	\$50.00	\$40.00	\$40.00	\$40.00	\$25.00	\$20.00	\$20.00	\$25.00	\$15.00	\$30.00	\$20.00	\$8.25	\$8.25
EXHIBIT C-2: DIRECT LABOR CLAS				Tollway Classification	Principal	Project Manager	Senior Engineer/Planner	Resident Engineer	Project Engineer/Planner□	Staff Engineer/Planner	Engineer /Accountant	Senior Technical Specialist	Technical Specialist	Architect	Realty Specialists	Intern	Admin/Clerical
				Classification Eligible for Premium Overtime?	ON O	ON	No ON	No	No No	No	No	S	N _o	8 E	₽ (H	₽ BI	No

Rev. 6/2016

Contract No.: RR-16-4265	Consultant:	Collins Engineer, Inc.
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Date: 6/1/2017

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	Ryan A. Gall	
	E4	Amber M. Seiber	
	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		\$20 - \$40
	E2	Anastasia E. Kotsakis	• •

Contract No.:	RR-16-4265	Consultant:	Collins Engineer, Inc.
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Date: 6/1/2017

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
	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
	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 Holten	
Senior Technical Specialist	Т3	James R. Bolster	\$25 - \$60
	D3	Patricia R. Haines	
<u> </u>	P1	Katherine A. Daley	
	D3	Denis Redzic	
	T2	Loretta J. Shumate	
	D2	Barbara L. Vogrig	
echnical Specialist	T1	Emily Navarrete	\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
ntern	Intern	TBD	\$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.:	RR-16-4265	Consultant: _	Collins Engineer, Inc.
		EXHIBIT D	
	REIMBURSABLE DIR	RECT COSTS - WORKSI	HEET ESTIMATES
A.	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/Er		
В.	ALLOWABLE DIRECT COST http://www.illinoistollway.com/c OLLWAY XX ALLOWABLED	locuments/10157/2389762/	
	ITEMIZED DIRECT COSTS - Allowable Direct Costs list, we from the Chief Engineer prior	vritten permission must b	e received
	DIRECT COST CATEGORY		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 20,789.06

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.:	RR-16-4265	Consultant:	Collins Engineer, Inc.
	EXI	HIBIT E - KEY PROJECT PEF	RSONNEL
Project Princip	al:		
Project Manage	er:		
Project Engine	er:		
Resident Engir	neer:		
Documentation	Engineer:		
Project Civil Er	ngineer:		
Project Structu	ral Engineer:		
Project Drainag	ge Engineer:		
Senior Enginee	er:		
Others:	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265
Collins Engineer, Inc.
SCOPE OF SERVICES

Assist in Design Corridor Management and Design Section Engineer structural services or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

Collins Engineer, Inc.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
PTB 159/007	IDOT Various Design	\$1,500,000.00	\$10,000.00	6/1/2017
PTB 168/007	IDOT Various Design	\$1,500,000.00	\$20,000.00	6/1/2017
PTB 169/039	IDOT Various Underwater Bridge	\$600,000.00	\$240,000.00	1/1/2018
	Inspection			
PTB 179/014	IDOT Various Underwater Bridge	\$600,000.00	\$60,000.00	6/1/2019
	Inspection			
	CDOT Lasalle Street Bridge	\$900,000.00	\$50,000.00	12/31/2017
	CDOT Lake Street Bridge	\$250,000.00	\$20,000.00	6/2/2017
PTB 182/04	IDOT Various Design	\$1,000,000.00	\$1,000,000.00	12/31/2019

Conf	tract No.:RR-16-4265		Consu	Itant: Co	illins Engineer, Inc.	-//
			EXHIBIT H - SERVICES	BY OTHERS		
Exhi	bits A-G must be submitted	for each subco	onsultant listed below.	If a subconsultant require	s "Services by Oth	ners", they must
	inc	lude Exhibit H a	nd attach Exhibits A-G	for second tier subconsul	ants.	
DBE/N	MBE/WBE SUBCONSULTAN	ITS				
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	;)	<u> </u>
2			7			
	Direct Labor		<u>.</u>	Direct Labor		
	Direct Costs		_	Direct Costs	\$ -	_
	Services by Others	<u> </u>	-	Services by Others	\$ -	_
	Additional Services **		<u>-</u>	Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		<u> </u>	Total this Subconsultant (ULC)	
3			R			
_	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						
_	Direct Labor	·	_	Direct Lohan		_
	Direct Costs	s -	-	Direct Labor 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	<u> </u>	_
	Services by Others	\$ -		Services by Others		
	Additional Services **	<u> </u>		Additional Services **	_\$	_
	Total this Subconsultant (ULC)		\$	Total this Subconsultant (ULC)	1	\$ -

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):

^{**} Additional services funds require prior authorization before use

RR-16-4265

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 (<u>NOT</u> DBE/MBE/\	NBE)
---	------

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				_			
·	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)	Ψ -	-
	,				rotal tills Subconstitutif (DEC)		-
4			-	9			_
	Direct Labor	\$ -	-		Direct Labor	\$ -	_
	Direct Costs	\$ -	-		Direct Costs	\$ -	-
	Services by Others	\$ -	-		Services by Others	\$ -	_
	Additional Services **	\$ -	-		Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		<u>\$</u>		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)		<u> </u>		Total this Subconsultant (ULC)		\$ -

Additional	services	funds require	prior authorization	hefore 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

Consultant Name: EJM Engineering, Inc.

Contract Number: RR-16-4265

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

Proposal Date: 6/1/2017

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

RR-16-426
Number:
ontract

Consultant:

EJM Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

									S.S	and Total	Grand Total Exhibit A Hours	A Hours	4,245
								•					TOTAL
					O M	MONTHS of YEAR 2018	YEAR 2	018					HOURS
TASK	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

DCM & DSE Services					***************************************						***************************************	80	80
										-			
			***************************************									000000000000000000000000000000000000000	
No. 100 (100 (100 (100 (100 (100 (100 (100													
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	***************************************								***************************************			-	
	***************************************		***************************************			***************************************							
TOTALS												80	80
>====													

RR-16-4265	
Contract Number:	

Consultant:

EJM Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

									 - - -				
					∑	MONTHS of YEAR 2019	YEAR 20	719					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
NATIONAL PROPERTY OF THE PROPE													
					100	400	007	160	160	160	180	180	1520
DCM & DSE Services	80	OS	æ	OS S	120	071	NOI	no.	00	001		8	1050
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	***************************************				***************************************	***************************************							
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										į			7.00
TOTALS	80	80	80	80	120	120	160	160	160	160	160	160	1520

	TOTAL HOURS			1920	201										000,
		Dec		160	3										
EJM Engineering, Inc.		Nov		160	3										
EJM Engin		Oct		180	2		-								
		Sep	200000000000000000000000000000000000000	180	3										
Consultant:	020	Aug		180	3										
Consultant:	YEAR 20	Jul		160	2										
Con	MONTHS of YEAR 2020	unf		180	001	***************************************									
A T	■	May		180	201										
		Apr		180	001	***************************************								-	
		Mar		160			***************************************				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
4265		Feb		097		***************************************					***************************************				
RR-16-4265		Jan		007	001				***************************************			***************************************	 NA THE TAXABLE PARTY OF TAXA		
Contract Number:		TASK			DCIM & DSE Services										

		10	IOIAL HOURS		101	(72)															725
	•	Ť	- I	Dec																	
, Inc.										***************************************											
neering				Nov						***************************************											
EJM Engineering, Inc.		i		Oct					***************************************												
	OURS			Sep		***************************************	***************************************	***************************************		-											
	VORK HC		121	Aug			***************************************														
Consultant:	EXHIBIT A: ESTIMATED TASK WORK HOURS		MONTHS of YEAR 2021	Jul		***************************************															
Con	TIMATED		NTHS of	Jun																	
	IT A: ES		MO	May	***	82															85
	EXHIB	į		Apr		160															160
				Mar		160															160
4265				Feb		160							***								160
RR-16-4265				Jan		160															160
Contract Number:				TASK		DCM & DSE Services							***************************************	мен досументе объекторительного предоставления по предоставления по предоставления в предоставления по			***				TOTALS
ပိ				T		ဂ္ဂ						Participant of the Control of the Co			***************************************		-		***************************************		 2

Conti	ract No.:	RR-16-4265	Consultant: _		EJM Engineerin	g, Inc.	
		EXHIBI	T B: FEE CALC	<u>JLATIONS</u>			
A. DI	IRECT LABO	R (without overtime)					
		4,245.00 X (Total Work Hours from Exhibit C-2)	\$ 51.28 (Average Hourly Rate from Exhibit C-2)	= TOTA	L DIRECT SALARY_	\$	217,683.60
	Mult	ciplier to be used on this project:			_		2.80
	A	llowable Multiplier = (2.8 DSE) (2.8	5 or 2.8 CM) (2.5 PMO)		***		
		DIRECT R	EGULAR SALAI	RY TIMES M	ULTIPLIER _	\$	609,514.08
B. R		LE DIRECT COSTS NOT Prime Consultant listed above.)	ELIGIBLE FOR		AL DIRECT COSTS		\$36,873.42
C. SI	ERVICES BY	OTHERS					
	Tota	al Allowable Fee DBE/MBE/WBE S	Subconsultant (from E	chibit H) <u>\$</u>	<u>-</u>		
	Total Allowable	e Fee Non-DBE/MBE/WBE Subcon	sultant (from Exhibit l	l (cont)) <u>\$</u>			
				TOTAL SERV	CES BY OTHERS	\$	-
		SERVICES (Prime Consultant) SERVICES (Subconsultants)		ires prior author	ization before use)		
			(Requ	ires prior author	ization before use)		
			(Requ		ONAL SERVICES _ ization before use)	\$	
E. M	AXIMUM ALI	_OWABLE FEE (Upper Limit	of Compensation)			\$	646,387.50

\$

Contract No.: RR-1	16-4265	Consultant:		EJM Engineering, Inc.
Date: 6/1	1/2017			
	EXHIBIT C-1:	EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	SCALATION TABLE	
	CONTRACT TERM:	30	No. OF MONTHS	
	SCHEDULED START DATE:	12/1/2018		
	RAISE DATE:	1/1/2019		
	PERCENT OF RAISE:	%0		
	ESCAL	ESCALATION PER YEAR Year 1 through 5	hrough 5	
12/1/2018 - 12/31/2018	1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	1/1/2021 - 5/31/2021	
Date Date	Date Date	Date Date	Date Date	Date Date
30.0	30.0	30.0	30.0	30.0
3.33%	40.00%	40.00% Excelsion Eactor Third Bariod	16.67% Escalation Earlor Fourth Pariod	Fecalation Factor Fifth Deriod
Factor First Period	Escalation Factor Second Period	Escalation ractor tillio remod	בשלמומון דמלוט דיפוסט	
	ESCALA	ESCALATION PER YEAR Year 6 through 10	ırough 10	
1		1		ı
Date Date	Date Date	Date Date	Date Date	Date Date
30.0	30.0	30.0	30.0	30.0
i i	C	Consider Contract Contract	Foundation Control Minth Doring	Feedlation Earth Dailed
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Penod	Escalation Factor Ninth Period	Escalation raciol lentil renou
The esc	The escalation factor for this project is:	100.00%		
			ı	

RR-16-4265 Contract No.:

6/1/2017

Date:

Consultant:

100.00%

EJM Engineering, Inc.

Escalation Factor:

	DIRECT COST OVERTIME PREMIUM				Estimated Overtime Hours (Overtime	(See Note D to Right)						***************************************	***************************************						
	OVERTIME	Total Estimated O/T Hours:	Average Premium O/T Hourly Rate:	Total Overtime Premium:	Escalated Average Premium Overtime Hourly Rate	(See Note C to Right)													
(From Exhibit C-1)		4,245.00	\$51.28	\$217,683.60	Estimated Work Hours	(Including Overtime)	14.00	1,436.00	27.00		874.00	940.00	756.00	104.00					94.00
	RATES	Total Estimated Work Hours:	Average Hourly Rate:	Total Direct Labor	Escalated Average Hourly Rate for Classification	(See Note A to (See Note B to Right)	\$70.00	\$70.00	\$62.73		\$48.07	\$36.98	\$40.97	\$34.41					\$33.75
	HOURS AND				Average Hourly Rate for Classification	(See Note A to Right)	\$70.00	\$70.00	\$62.73		\$48.07	\$36.98	\$40.97	\$34.41					\$33.75
	TION MAN-H				Tollway MAXIMUM Hourly Rate	for Classification	\$70.00	\$70.00	\$70.00	\$70.00	\$60.00	\$40.00	\$60.00	\$60.00	\$50.00	\$70.00	\$70.00	\$20.00	\$40.00
	CLASSIFICA				Toliway MINIMUM Hourly Rate	for Classification	\$50.00	\$40.00	\$40.00	\$40.00	\$25.00	\$20.00	\$20.00	\$25.00	\$15.00	\$30.00	\$20.00	\$8.25	\$8.25
	EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES					Tollway Classification	Principal	Project Manager	Senior Engineer/Planner	Resident Engineer	Project Engineer/Planner⊡	Staff Engineer/Planner	Engineer /Accountant	Senior Technical Specialist	Technical Specialist	Architect	Realty Specialists	Intern	Admin/Clerical
					Classification Eligible for	Premium Overtime?	No	No	No	No	N _o	N _o	N _o	9	No	9 E	_%	º. IBI	No

Contract No.: <u>RR-16-4265</u>	Consultant:	EJM Engineering, Inc.

Date: 6/1/2017

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 Engineer	Joan Berry	\$50 - \$70
	Principal Engineer	Christopher Krueger	
Project Manager	Chief Engineer	Probert Paul Israel	\$40 - \$70
	Chief Engineer	Robert L. Peters	
	Chief Engineer	Mohammed Rashed	
	Assistant Chief Engineer	Carl L. Gutowski	
Senior Engineer/Planner	Senior Engineer	George Haenisch	\$40 - \$70
	Senior Engineer	Lisa Sagami	
	Senior Planner	Sidney E. Weseman	
Resident Engineer			\$40 - \$70
Project Engineer/Planner□	Lead Engineer	Srijan Adhikari	\$25 - \$60
	Lead Engineer	Scott Cain	
	Lead Engineer	Marius Kucinas	
	Lead Engineer	Gregory Gedemer	
	Lead Engineer	Paresh Thakkar	
	Engineer III	Patrick Friedrich	
	Engineer III	Nathaniel R. Jones	
70.000 Mark 1	Engineer III	Clinton McClure	
Staff Engineer/Planner	Engineer I	Parag Adhikari	\$20 - \$40
	Engineer I	David Brusich	
	Engineer I	Josh Grabijas	
	Engineer I	Matthew Martinelli	
	Engineer I	Eric Moecker	
	Engineer I	David Sippel	
	Engineer I	Christina Stoczynski	
	Engineer I	Michael Todden	
	Construction Inspector	William Dueter III	
	Construction Inspector	Christian Haas	
Engineer /Accountant	Engineer II	Khaled Aboueid	\$20 - \$60
	Engineer II	William Bakos	
	Engineer II	Brigette Barr	
	Engineer II	Brian Doubek	

Contract No.:	RR-16-4265	Consultant:	EJM Engineering, Inc.	

Date: 6/1/2017

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
	Engineer II	Benjamin D. Jassin	
	Engineer II	Jaiz Waheed	
Senior Technical Specialist	CAD Operator	Paul Scott	\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Project Administrator	James L. Latsis	\$8.25 - \$40
		Jacquelyn Person	
		Aisha Sharif	
	Administrative	Catherine Carpenter	
		Deborah Mayer	
		Renee Stevens	
		Elyse Vukevich	

Contract No.:	RR-16-4265	Consultant:	EJM Engineering, Inc.
		EXHIBIT D	
	REIMBURSABLE DI	RECT COSTS - WORKSHE	EET ESTIMATES
Α.	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/E		Reimbursement.aspx
В.	ALLOWABLE DIRECT COST http://www.illinoistollway.com/ OLLWAY XX ALLOWABLED	documents/10157/2389762/12	
C.	ITEMIZED DIRECT COSTS - Allowable Direct Costs list, from the Chief Engineer price	written permission must be	received
	DIRECT COST CATEGORY		
	None		

	ACCORDANCE OF THE PROPERTY OF		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

36,873.42

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
	Antural Cont

Actual Cost

Utility exploratory trenching

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.:		Consultant:	EJW Engineering, Inc.
	EX	KHIBIT E - KEY PROJECT PE	RSONNEL
Project Princi	ipal:		
Project Mana	ger:		
Project Engin	eer:		
Resident Eng	ineer:		
Documentation	on Engineer:		
Project Civil I	Engineer:		
Project Struc	tural Engineer:		
Project Drain	age Engineer:		
Senior Engin	eer:		
Others:	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265
EJM Engineering, Inc.
SCOPE OF SERVICES

Assist in Design Corridor Management lighting or ITS services or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

EJM Engineering, Inc.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.

Work Scope & Description of Project

Fee (Including all Supplementals and Extra Work Orders)

Fee Remaining To Be Earned Estimated
Date of
Completion

					onsultant:		Engineering, Inc.		
			EXHIB	IT H - SERV	ICES BY	OTHERS			
ì	ts A-G must be submitted	for each sul	oconsulta	nt listed be	low. If a s	subconsultant requires "	Services by Otl	ners", tl	hey m
			Ⅎ and atta	ch Exhibits	s A-G for s	econd tier subconsultar	its.		
IE	BE/WBE SUBCONSULTAN	TS							
					6				
	Direct Labor	·····				Direct Labor		•••••	
	Direct Costs	***************************************				Direct Costs	\$ -	••••	
	Services by Others	***************************************	***************************************			Services by Others	<u>s</u> -	onemona.	
	Additional Services **					Additional Services **	_\$		
	Total this Subconsultant (ULC)		_\$	-		Total this Subconsultant (ULC)		_\$	
					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)			
					R				
	Direct Labor				<u> </u>	Direct Labor		SAMOUNDAM .	
	Direct Costs	\$				Direct Costs	\$ -	abburdot	
	Services by Others	\$				Services by Others	\$ -		
	Additional Services **	\$				Additional Services **	\$ -		
	Total this Subconsultant (ULC)		\$			Total this Subconsultant (ULC)			
					9				
	Direct Labor				<u> </u>	Direct Labor			
	Direct Costs	\$				Direct Costs	\$ -	COMMONWE	
	Services by Others	\$				Services by Others	\$ -		
	Additional Services **	\$	_			Additional Services **	\$ -		
	Total this Subconsultant (ULC)		\$	•		Total this Subconsultant (ULC)		\$	
	Direct Labor				10				
	Direct Labor Direct Costs	•				Direct Labor	·	••••	
	Services by Others	<u>\$</u> \$				Direct Costs	\$	•••••	
	Additional Services **	\$				Services by Others	\$ -		
	Additional Services	Ψ	-			Additional Services **	\$ -		

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

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):

^{**} Additional services funds require prior authorization before use

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EJM Engineering, Inc.

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 (<u>NOT</u> DBE/MBE/V	:/WBE	W	1	E	В	M	E	В	D	T	C	(N	S	T	N	Α	LT	J١	કા	45	10	20	30	U	S	R	łΕ	Tŀ	D.	C
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1			•••	6				
	Direct Labor	180-120-18-18-18-18-18-18-18-18-18-18-18-18-18-			Direct Labor	***************************************		
	Direct Costs		·		Direct Costs	\$ -	-	
	Services by Others	***************************************	****		Services by Others	\$ -	nnode	
	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	\$ -	nderve	
	Services by Others	\$ -	•••		Services by Others	\$ -	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Additional Services **	\$· -			Additional Services **	\$ -	MANALE CONTRACTOR OF THE CONTR	
	Total this Subconsultant (ULC)		\$		Total this Subconsultant (ULC)			
4				9				
	Direct Labor	\$ -	·····	J	Direct Labor	\$ -	••••	
	Direct Costs	\$ -			Direct Costs	\$ -	······	
	Services by Others	\$ -	***		Services by Others	\$ -		
	Additional Services **	\$ -			Additional Services **	\$ -	neene	
	Total this Subconsultant (ULC)				Total this Subconsultant (ULC)		- \$	_
_								
5	Direct Labor	¢	••••	10	Dia41-k		••••	
	Direct Costs	\$ -	·····		Direct Labor	\$	**************************************	
	Services by Others	\$ -			Direct Costs Services by Others	\$ - \$ -		
	Additional Services **	\$ -	····		Additional Services **	\$ -		
	Total this Subconsultant (ULC)	<u> </u>	- \$ -		Total this Subconsultant (ULC)	Ψ -	— \$	
	Total tillo Subcolloultain (ULC)		Ψ -		rotal this Subconsultant (ULC)		<u> </u>	_

**	Additional	services	funds	require	prior	authorization	before	use
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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:	Frega Associates, Ltd.	
Contract Number:	RR-16-4265	
Proposal Date:	6/1/2017	
Exhibit Pointers Editab	le 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

Consultant:

Contract Number: RR-16-4265 Supp 1

Frega Associates, Ltd.

EXHIBIT A: ESTIMATED TASK WORK HOURS

Grand Total Exhibit A Hours

					S	MONTHS of YEAR 2019	YEAR 20	119					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM & DSF Services		***************************************		20	20	20	20	20	24	24	24	24	196
	***************************************		***************************************										
		***************************************	N. S. T.										

VICTORIAN CONTRACTORIAN CONTRA										***************************************		***************************************	
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	***************************************			-									
	***************************************	-			***************************************	***************************************						***************************************	
			***************************************	***************************************									

	***************************************				***************************************								
The state of the s													
TOTALS		٠		20	20	20	20	20	24	24	24	24	196

Contract Number:	RR-16	RR-16-4265				S	Consultant:			rega Ass	Frega Associates, Ltd.	td.	
	_			EXHIE	EXHIBIT A: ESTIMATED TASK WORK HOURS	TIMATEL) TASK	NORK H	OURS			'	
;					W	MONTHS of YEAR 2020	YEAR 20	020					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM & DSE Services	V	V	OV	70	OV.	07	100		9		9	9	
DOM & DOL. Sel vices	+		40	04	1	D4	40	40	40	40	40	40	480
TOTALS	40	40	40	40	40	9	4	40	40	40	40	40	480
										-			

Rev. 6/2016

Contract Number:	RR-16	RR-16-4265				S	Consultant:			Frega Associates, Ltd.	ociates, L	ĘĘ.	
	_			EXHB	SIT A: ES	TIMATE) TASK	EXHIBIT A: ESTIMATED TASK WORK HOURS	OURS				•
		:											
					MO	MONTHS of YEAR 2021	YEAR 2	021					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	unf	Jul	Aug	Sep	Oct	Nov	Dec	
DOM & DOE Conject	07	07	40	9	100	100	77						
DOIN & DOE SHICES	40	40	5	40	40	40	40	40	40	40	40	40	480
The state of the s													
												İ	
TOTALS	40	40	40	40	40	40	40	40	40	40	40	40	480

Contract Number:		RR-16-4265	1			ខិ	Consultant:			Frega Ass	Frega Associates, Ltd.	jā.	
	_			EXH	BIT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	D TASK	NORK H	OURS				
					MC	MONTHS of YEAR 2022	f YEAR 2	022					TOTAL
ASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	500	Nov	Dec	
1000												7	
DCM & DSE Services	40	40	40	40	15								175
		İ											
TOTALS	OV.	Q.	\$	1	1								
	4	40	40	40	15								175

Co	ontract No.:	RR-16-4265	Consultar	ıt:	Frega Associa	tes, Ltd	
		EXHII	BIT B: FEE C	ALCULA	<u>TIONS</u>		
A.	DIRECT LABO	OR (without overtime)					
		1,331.00 (Total Work Hours from Exhibit C-2)	X \$ 56. (Average Hot Rate from Ext C-2)	•	TOTAL DIRECT SALAR	Y_\$	74,536.00
		Itiplier to be used on this project: Allowable Multiplier = (2.8 DSE) (PMO)			2.80
					IMES MULTIPLIER	\$	208,700.80
B.		BLE DIRECT COSTS NO r Prime Consultant listed above.)		FOR PRO	PFIT		
					TOTAL DIRECT COSTS		\$6,761.70
C.	SERVICES BY	OTHERS					
	То	tal Allowable Fee DBE/MBE/WBE	Subconsultant (f	om Exhibit i	н)_\$	_	
	Total Allowabi	e Fee Non-DBE/MBE/WBE Subco	onsultant (from Ex	hibit H (cont	t)) <u>\$</u>	-	
				то	TAL SERVICES BY OTHERS	\$	-
D.	ADDITIONAL	SERVICES (Prime Consultan	•	(Requires pr	rior authorization before use	,	
	ADDITIONAL S	SERVICES (Subconsultants)		(Requires pr	rior authorization before use	-	
					AL ADDITIONAL SERVICES rior authorization before use		-
E.	MAXIMUM AL	LOWABLE FEE (Upper Lim	nit of Compensatio	n)		\$	215,462.50

Contract No.: RR	RR-16-4265	Consultant:		Frega Associates, Ltd.
Date: 6	6/1/2017			
	EXHIBIT C-1:	EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	SCALATION TABLE	
	CONTRACT TERM:	38	No. OF MONTHS	
	SCHEDULED START DATE:	4/1/2019		
	RAISE DATE:	1/1/2020		
	PERCENT OF RAISE:	%0		
	ESCAL	ESCALATION PER YEAR Year 1 through 5	hrough 5	
4/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020	1/1/2021 - 12/31/2021	1/1/2022 - 5/31/2022	1
Date Date 9.0	Date Date	Date Date	Date Date	Date Date
38.0	38.0	38.0	38.0	38.0
23.68% Factor First Period	31.58% Escalation Factor Second Period	31.58% Escalation Factor Third Period	13.16% Escalation Factor Fourth Period	Escalation Factor Fifth Period
	ESCALA	ESCALATION PER YEAR Year 6 through 10	Irough 10	
1	1	1	1	1
Date Date	Date Date	Date Date	Date Date	Date Date
38.0	38.0	38.0	38.0	38.0
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period
The esc	The escalation factor for this project is:	100.00%		

RR-16-4265 Contract No.:

Consultant:

Frega Associates, Ltd.

6/1/2017 Date:

Escalation Factor:

100.00% (From Exhibit C-1)

		EXHIBIT C-2: DIRECT LABOR CLAS	CLASSIFICA	SIFICATION MAN-HOURS AND RATES	OURS AND	RATES Total		OVERTIME	OVERTIME PREMIUM
						Estimated Work Hours:	1,331.00	Estimated O/T Hours:	
						Average Hourly Rate:	\$56.00	Average Premium O/T Hourly Rate:	
						Total Direct Labor	\$74,536.00	Total Overtime Premium:	
	Classification		Toliway	Tollway	Average Hourly Rate for	Escalated Average Hourly Rate for	Estimated	Escalated Average Premium Overtime	Estimated Overtime Hours Overtime
	Eligible for Premium Overtime?	Tollway Classification	Hourly Rate for Classification	Hourly Rate for Classification	Classification (See Note A to Right)	Classification Classification (See Note A to (See Note B to Right)	Work Hours (Including Overtime)	Hourly Rate (See Note C to Right)	Hours Only) (See Note D to Right)
	No	Principal	\$50.00	\$70.00					
	No	Project Manager	\$40.00	\$70.00	\$64.00	\$64.00	78.00		
	No	Senior Engineer/Planner	\$40.00	\$70.00					
	N _o	Resident Engineer	\$40.00	\$70.00					
	No	Project Engineer/Planner□	\$25.00	\$60.00					
	N _O	Staff Engineer/Planner	\$20.00	\$40.00					
	S _O	Engineer /Accountant	\$20.00	\$60.00					
	N _o	Senior Technical Specialist	\$25.00	\$60.00					
	S	Technical Specialist	\$15.00	\$50.00					
ΕX	N _O	Architect	\$30.00	\$70.00	\$57.00	\$57.00	1,175.00		
HI	No	Realty Specialists	\$20.00	\$70.00			3		
317	S _O	Intern	\$8.25	\$20.00					
	ON "	Admin/Clerical	\$8.25	\$40.00	\$33.00	\$33.00	78.00		
"	••								

Contract No.:	RR-16-4265	Consultant:	Frega Associates, Ltd.
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Date: 6/1/2017

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	Principal, PM	John V. Frega	\$40 - \$70
Senior Engineer/Planner			\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner□			\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist	·		\$25 - \$60
Technical Specialist			\$15 - \$50
Architect	Architect	Rodolfo N. cuassay	\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Admin. Asst.	Betty J. Amato	\$8.25 - \$40

Contract No.	RR-16-4265	Consultant: _	Frega Associates, Ltd.
		EXHIBIT D	
	REIMBURSABLE DI	RECT COSTS - WORKSH	EET ESTIMATES
A.	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/E		
В.	ALLOWABLE DIRECT COST http://www.illinoistollway.com/ OLLWAY XX ALLOWABLED	documents/10157/2389762/1	<u>2 LG T</u> DF
C.	ITEMIZED DIRECT COSTS - Allowable Direct Costs list, from the Chief Engineer price	written permission must be	received
	DIRECT COST CATEGORY		
	None		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 6,761.70

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

Specific Insurance – required for project

Actual Cost

Actual Cost

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
 Recording Fees
 Courthouse Fees
 Testing of Soil Samples
 Actual Cost
 Actual Cost
 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

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.,	KK-10-4205	Consultant:	Frega Associates, Ltd.
	<u>!</u>	EXHIBIT E - KEY PROJECT PER	SONNEL
Project Princ	ipal:		
Project Mana	ger:		
Project Engin	eer:		
Resident Eng	ineer:		
Documentation	on Engineer:		
Project Civil E	Engineer:		
	tural Engineer:		
Project Draina			
Senior Engine	_		
•			
Others:	Name:	John V. Frega	
	Classification:	Architectural	
	Name:		
	Classification:		·
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265
Frega Associates, Ltd.
SCOPE OF SERVICES

Perform architectural services or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

Frega Associates, Ltd.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.

Work Scope & Description of Project

Fee (Including all Supplementals and Extra Work Orders)

Fee Remaining To Be Earned Estimated
Date of
Completion

Contract No :		Na -	 antro	~~	

R	R-	16-	426	35

Consultant:

Frega Associates, Ltd.

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.

D	R	F	/A	ÆF	₹F	N	/R	F	SL	IR	C	OI	2.0	П	ΙT	-Δ	NT	27
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1			_	6 _				
	Direct Labor	-	_	_	Direct Labor		-	
	Direct Costs		<u> </u>		Direct Costs	\$ -	_	
	Services by Others	<u> </u>			Services by Others	\$ -	-	
	Additional Services **				Additional Services **	\$ -	_	
	Total this Subconsultant (ULC)		\$		Total this Subconsultant (ULC)		<u> </u>	_
2				-				
	Direct Labor			7 _	Direct Labor		-	
	Direct Costs		_		Direct Costs	\$ -	-	
	Services by Others		_		Services by Others		-	
	Additional Services **		<u></u>		•	<u>\$</u> -	-	
	Total this Subconsultant (ULC)		 \$ -		Additional Services **		-	
	Total this Gubconsultant (GEC)		Ψ -		Total this Subconsultant (ULC)		*	
3			-	8 _			-	
	Direct Labor				Direct Labor	***************************************	_	
	Direct Costs	\$ -	_		Direct Costs	\$ -	_	
	Services by Others	\$ -	_		Services by Others	\$ -	-	
	Additional Services **	<u>\$</u>			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	<u> </u>			Services by Others	<u> </u>		
	Additional Services **	<u> </u>	_		Additional Services **	\$ -		
	Total this Subconsultant (ULC)		\$		Total this Subconsultant (ULC)		\$	-
Additional	services funds require prior author	rization hafore use			TOTAL DRE/MDE/MDE	: Subsensultents		
	to to to to quite prior autitor				TOTAL DBE/MBE/WBE			
			•	TOTAL Add	litional Services DBE/MBE/WBE	Subconsultants:	\$	
					L Allowable Fee DBE/MBE/WBE			
					ntage of Total Fee (includes Add	-		
			DRE/MRE/WRE Per	centage of	Total Fee (does not include Add	litional Services):		

Project No.

Frega Associates, Ltd.

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.

E)

1	·		_	6			
	Direct Labor		_		Direct Labor		
	Direct Costs		_		Direct Costs	<u> </u>	-
	Services by Others		_		Services by Others	\$ -	•
	Additional Services **		_		Additional Services **	<u>\$</u> -	
	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							
·	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)		<u> </u>
	•						-
4	Direct Labor	\$ -	-	9	Direct Labor	\$ -	-
		\$ -	-		Direct Costs	\$ -	-
	Direct Costs	\$ -	-			\$ -	-
	Services by Others Additional Services **	\$ -	-		Services by Others Additional Services **	\$ -	-
	Total this Subconsultant (ULC)	<u>Ф</u> -	- •		Total this Subconsultant (ULC)	Ψ	- • -
	rotal tills Subconsultant (OEC)				Total tins outconsumant (oco)		
5			_	10			-
	Direct Labor	\$	-		Direct Labor	<u> </u>	-
	Direct Costs	\$ -	_		Direct Costs	\$ -	_
	Services by Others	\$ -	_		Services by Others	\$	-
	Additional Services **	\$ -	-		Additional Services **	<u> </u>	-
	Total this Subconsultant (ULC)		\$ -		Total this Subconsultant (ULC)		

TOTAL Non-DBE/MBE/WBE Subconsultants:	_3	<u> </u>

^{**} Additional services funds require prior authorization before use

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: Metro Strategies, Inc.

Contract Number: RR-16-4265

Proposal Date: 6/1/2017

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: RR-16-4265

Consultant:

Metro Strategies, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

6,724 TOTAL Grand Total Exhibit A Hours

					₽	NTHS of	MONTHS of YEAR 2018	718					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

DCM Services	160	160	160	160	160	160	160	160	160	160	160	160	1920

		***************************************					NAMES OF THE PROPERTY OF THE P						

								***************************************	***************************************		-		
TOTALS	160	160	160	160	160	160	160	160	160	160	160	160	1920

Contract Number:	RR-16-4265	4265				Co	Consultant:			Metro Str	Metro Strategies, Inc.	jc.	
				EXHIB	SIT A: ES	TIMATE	EXHIBIT A: ESTIMATED TASK WORK HOURS	NORK H	OURS				
												e .	TOTAL
;			Ì		MO	NTHS of	MONTHS of YEAR 2019	919					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
VOICE DE LE CONTRACTION DE LE	The second secon			***************************************				***************************************					
DCM Services	160	160	160	160	160	160	160	160	160	160	160	160	192
	***************************************	***************************************			***************************************	******************************							

											***************************************	***************************************	
***************************************	***************************************											***************************************	
				***************************************		CONTRACTOR SECTION OF THE CONTRACTOR OF THE CONT	***************************************						

	***************************************				***************************************			-					
				***************************************	***************************************		A0000000000000000000000000000000000000						

	WP.	434.400		The second secon									
		00	207	007	007			097	160			180	100
TOTALS	160	160	160	160	ToU	160	noı	100	nαι	ΠοΠ	001		197

Consultant:

RR-16-4265

Contract Number:

Metro Strategies, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

					≥	MONTHS of YEAR 2020	YEAR 20)20					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Juc	Aug	Sep	Oct	Nov	Dec	
		CCA	450	420	160	160	180	160	180	160	180	160	1730
DCIM Services	28	071	120	0.21	201	3	3	3	3	3	2	2	
	***************************************						***************************************	*					

					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							-	

	***************************************	-											

									***************************************	***************************************			
TOTALS	90	120	120	120	160	160	160	160	160	160	160	160	1730

Page **180** of **326**

Nov Oct

160

160

160

160

160

160

160

FOTALS

1154

TOTAL HOURS

Metro Strategies, Inc.

Consultant:

RR-16-4265

Contract Number:

EXHIBIT A: ESTIMATED TASK WORK HOURS

Dec

Sep

Aug

Ы

Jun

May

Apr

Mar

Feb

Jan

TASK

MONTHS of YEAR 2021

34

160

160

160

160

160

160

160

DCM Services

Co	ntract No.: _	RR-16-4265	Consultant: _	Metro Stra	itegies, Inc.	
		<u>EXHIB</u>	IT B: FEE CALC	ULATIONS		
Α.	DIRECT LAB	OR (without overtime)				
		6,724.00 X (Total Work Hours from Exhibit C-2)	\$ 44.41 (Average Hourly Rate from Exhibit C-2)	= TOTAL DIRECT SAI	LARY \$	298,612.84
	M	ultiplier to be used on this project:			650000000000000000000000000000000000000	2.80
		Allowable Multiplier = (2.8 DSE) (2.	5 or 2.8 CM) (2.5 PMO))		
		DIRECT F	REGULAR SALA	RY TIMES MULTIPLIE	R <u>\$</u>	836,115.95
B.		BLE DIRECT COSTS NOT or Prime Consultant listed above.)	ELIGIBLE FOR	PROFIT	OSTS	\$25,73 4 .05_
C.	SERVICES B	SY OTHERS				
	. т	otal Allowable Fee DBE/MBE/WBE	Subconsultant (from E	Exhibit H) \$		
	Total Allowa	ble Fee Non-DBE/MBE/WBE Subco	nsultant (from Exhibit	H (cont)) \$		
				TOTAL SERVICES BY OTH	ERS \$	
D.	ADDITIONAL	_ SERVICES (Prime Consultant	d			
		·	=	uires prior authorization before	use)	
	ADDITIONAL	. SERVICES (Subconsultants)	(Req	uires prior authorization before	e use)	
			(Req	TOTAL ADDITIONAL SERVI		-
E.	MAXIMUM A	LLOWABLE FEE (Upper Lim	it of Compensation)		\$	861,850.00

Contract No.: KR-11 Date: 6/1/	6/1/2017 EXHIBIT C-1: P	EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	SCALATION TABLE	Metro Strategies, III.
	CONTRACT TERM: SCHEDULED START DATE: RAISE DATE: PERCENT OF RAISE:	44 1/1/2018 1/1/2019 0%	No. OF MONTHS	
	ESCALAI	ESCALATION PER YEAR Year 1 through 5	irough 5	
12/31/2018 Date	1/1/2019 - 12/31/2019 Date Date 12.0 44.0	1/1/2020 - 12/31/2020 Date Date 12.0 44.0	Date B.0 Pate 44.0	Date Date
27.27% Factor First Period	27.27% Escalation Factor Second Period	27.27% Escalation Factor Third Period	18.18% Escalation Factor Fourth Period	Escalation Factor Fifth Period
		ESCALATION PER YEAR Year 6 through 10	rough 10	
Date	Date Date	Date Date	Date Date	Date Date
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period
The escal	The escalation factor for this project is:	100.00%		

RR-16-4265 Contract No.:

6/1/2017

Date:

Escalation Factor:

Consultant:

100.00%

Metro Strategies, Inc.

(From Exhibit C-1)

		EXHIBIT C-2: DIRECT LABOR CLAS	CLASSIFICA	SIFICATION MAN-HOURS AND RATES	OURS AND	RATES		DIRECT COST OVERTIME PREMIUM	COST
						Total Estimated Work Hours:	6,724.00	Total Estimated O/T Hours:	
						Average Hourly Rate:	\$44.41	Average Premium O/T Hourly Rate:	
						Total Direct Labor	\$298,612.84	Total Overtime Premium:	
			Toliway	Toliway	Average Hourly Rate	Escalated Average Hourly Rate		Escalated Average Premium	Estimated Overtime Hours
	Classification Eligible for		MINIMUM Hourly Rate	MAXIMUM Hourly Rate	for Classification (See Note & to	for Classification (See Note B to	Estimated Work Hours	Overtime Hourly Rate (See Note C to	(Overtime Hours Only) (See Note D to
	Overtime?	Tollway Classification	Classification	Classification	Right)	Right)	Overtime)	Right)	Right)
	N _O	Principal	\$50.00	\$70.00	\$70.00	\$70.00	653.00		
	No	Project Manager	\$40.00	\$70.00	\$55.75	\$55.75	2,742.00		
	No	Senior Engineer/Planner	\$40.00	\$70.00					
	No	Resident Engineer	\$40.00	\$70.00					
	No	Project Engineer/Planner⊡	\$25.00	\$60.00	\$37.90	\$37.90	196.00		
	No	Staff Engineer/Planner	\$20.00	\$40.00	\$27.87	\$27.87	2,611.00		***************************************
	No	Engineer /Accountant	\$20.00	\$60.00			***************************************		***************************************
	No	Senior Technical Specialist	\$25.00	\$60.00	\$38.00	\$38.00	522.00		
	No	Technical Specialist	\$15.00	\$50.00					-
t	No B	Architect	\$30.00	\$70.00					
XH	°Z N	Realty Specialists	\$20.00	\$70.00					***************************************
	°S Z	Intern	\$8.25	\$20.00					
11	° IT	Admin/Clerical	\$8.25	\$40.00					
1	"1								

Contract No.: RR-16-4265	Consultant:	Metro Strategies, Inc.
	- · · · · · · · · · · · · · · · · · · ·	

Date: 6/1/2017

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	Karyn Romano	\$50 - \$70
Project Manager	Director	Tammy Wierciak	\$40 - \$70
Senior Engineer/Planner			\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner⊟	Project Manager	Ed Parks	\$25 - \$60
Staff Engineer/Planner	Communications Assistant	TBD	\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist	Communications Manager	Susan Franklin	\$25 - \$60
100 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0	Creative Director	Andrea Barnish	
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
ntern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40
		AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AMAZA AM	
		•	

Contract N	o.:RR-16-4265	Consultant: _	Metro Strategies, Inc.
		EXHIBIT D	
	REIMBURSABLE DIR	ECT COSTS - WORKSH	EET ESTIMATES
Α.	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/En		
B.	ALLOWABLE DIRECT COST: http://www.illinoistollway.com/d OLLWAY XX ALLOWABLED	locuments/10157/2389762/1	
C.	ITEMIZED DIRECT COSTS - F Allowable Direct Costs list, w from the Chief Engineer prior	vritten permission must be	e received
	DIRECT COST CATEGORY		
	Video Production		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

Rev. 6/2016

\$

25,734.05

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

Actual Cost

Utility exploratory trenching

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.:	RR-16-4265	_ Consultant:	wietro Strategies, inc.	
	<u>E</u>	XHIBIT E - KEY PROJECT PE	RSONNEL	
Project Princi	pal:			
Project Manag	ger:			**************
Project Engin	eer:			on.ooo.ooo.oo
Resident Eng	ineer:		·	*******************************
Documentation	on Engineer:			
Project Civil E	Engineer:			******************************
Project Struct	tural Engineer:			
Project Drain	age Engineer:			
Senior Engine	eer:			
Others:	Name:			
	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			

EXHIBIT F

Contract No. RR-16-4265

Metro Strategies, Inc.

SCOPE OF SERVICES

Assist in Design Corridor Management stakeholder coordination/public outreach tasks or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

Metro Strategies, Inc.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
I-12-4082	EOWA CM - Communications	\$128,510.00	\$76,410.24	12/31/2019
RR-14-4224	Road Study, Central Tri-State, Cermak Rd to Balmoral	\$351,712.00	\$121,757.76	6/1/2017
RR-14-4223	Road Study, Central Tri-State, 95th Ave to	\$126,017.00	\$39,777.51	6/1/2017
	Cermak Rd			
RR-15-9976F	Traffic Engineer, Research & Planning	\$544,000.00	\$524,532.09	4/30/2020

Contract No.:	RR-16-4265

Consultant:	Metro Strategies, Inc.	

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	SUBCC	NSUL	TANTS
----------	-----	-------	------	-------

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)	-	<u>-</u>
2			7			
	Direct Labor			Direct Labor		
	Direct Costs			Direct Costs	\$	
	Services by Others		••••	Services by Others	\$ -	
	Additional Services **		_	Additional Services **	\$	
	Total this Subconsultant (ULC)		<u> </u>	Total this Subconsultant (ULC)	-	\$ -
3			8			
	Direct Labor		•••• ·	Direct Labor		
	Direct Costs	\$ -		Direct Costs	\$	
	Services by Others	\$ -	MANA.	Services by Others	\$	
	Additional Services **	\$ -	_	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	•	\$ -	Total this Subconsultant (ULC)		\$
4						
	Direct Labor		••••	Direct Labor		
	Direct Costs	\$ -	••••	Direct Costs	\$ -	
	Services by Others	\$ -	****	Services by Others	\$ -	
	Additional Services **	\$ -	_	Additional Services **	\$ -	
	Total this Subconsultant (ULC)		<u> </u>	Total this Subconsultant (ULC)		\$ -
5			1	0		
****	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)		\$ -
' Additio	nal services funds require prior autho	rization before use		TOTAL DBE/MBE/WE	E Subconsultants:	\$ -
			TOTA	L Additional Services DBE/MBE/WE	E Subconsultants:	\$ -
				TOTAL Allowable Fee DBE/MBE/WE	E Subconsultants:	\$ -
	•		DBE/MBE/WBE I	Percentage of Total Fee (includes Ad	ditional Services):	
			DBE/MBE/WBE Percenta	ge of Total Fee (does not include Ad	Iditional Services):	

D.	oio:	4		_
~;	6 310		1.74	C 3 .

RR.	46	A76	: 5	

Consultant:	Matro Stratogico Inc
Consultant:	Metro Strategies, Inc.

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.

					6				
	Direct Labor					Direct Labor			
	Direct Costs	Manager Control of the Control of th				Direct Costs	<u> </u>	-	
	Services by Others		enconantament			Services by Others	\$ -	*******	
	Additional Services **					Additional Services **	-	_	
	Total this Subconsultant (ULC)		_\$	-		Total this Subconsultant (ULC)		\$	
					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)		\$	
					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)		\$	
					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)		 \$	
	Direct Labor	œ	-		10	Direct I show	¢		
	Direct Labor Direct Costs	\$				Direct Labor	\$ -	***************************************	
			-			Direct Costs	\$ - \$ -		
	Services by Others Additional Services **		•			Services by Others	\$ -		
		<u>\$</u>	·			Additional Services **	-	_ •	
	Total this Subconsultant (ULC)		_\$			Total this Subconsultant (ULC)		\$	

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

Contract Information Sheet

Consultant Name:	Middleton Construction Consulting
Contract Number:	RR-16-4265
Proposal Date:	6/1/2017

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

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

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Contract Number: RR-16-4265 Supp 1

EXHIBIT A: ESTIMATED TASK WORK HOURS

Consultant:

Middleton Construction Consulting

000 900 1,506 TOTAL HOURS 100 100 Grand Total Exhibit A Hours Dec 9 100 <u>%</u> 100 5 Oct 100 5 Sep 100 100 Aug MONTHS of YEAR 2020 100 100 ᆿ Jun May Apr Mar Feb Jan DCM Services TOTALS TASK

EXHIBIT "1"
Page 196 of 326

Contract Number:	RR-16	RR-16-4265				S	Consultant:		Middlet	on Const	Middleton Construction Consulting	nsulting	
	-			EXHIB	IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASK	VORK H	OURS			•	
		: :			○	MONTHS of YEAR 2021	YEAR 20	121					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	IΠC	Aug	Sep	Oct	Nov	Dec	
DCM Services	96	80	80	80	80	80	80	80	80	80	80	10	906
											-		
TOTALS	96	80	80	80	80	80	80	80	80	80	8	10	906
											1		

Contract No.	: RR-16-4265	Consultant	·	Middleton Construction	on Con	sulting
	<u>EXH</u>	IBIT B: FEE CA	<u>LCULATI</u>	<u>ONS</u>		
A. DIRECT L	ABOR (without overtime)					
	1,506.00 (Total Work Hours from Exhibit C-2)	X \$ 48.8 (Average Hour Rate from Exhi C-2)	У	TOTAL DIRECT SALARY	\$	73,492.80
	Multiplier to be used on this project Allowable Multiplier = (2.8 DSE)		MO)			2.80
	DIRECT	REGULAR SA	LARY TIN	MES MULTIPLIER	\$	205,779.84
B. REIMBUR	RSABLE DIRECT COSTS NO (For Prime Consultant listed above		OR PROF	ПТ		
				TOTAL DIRECT COSTS		\$9,682.66
C. SERVICE	S BY OTHERS					
	Total Allowable Fee DBE/MBE/WB	E Subconsultant (fro	m Exhibit H)	\$ <u>-</u>		
Total All	owable Fee Non-DBE/MBE/WBE Subo	consultant (from Exh	ibit H (cont))	<u> </u>		
			TOTA	L SERVICES BY OTHERS	\$	<u>-</u>
D. ADDITION	IAL SERVICES (Prime Consulta	•	Requires prio	or authorization before use)		
ADDITION	AL SERVICES (Subconsultants)		er authorization before use)		
		(I		L ADDITIONAL SERVICES or authorization before use)	\$	-
E. MAXIMUN	I ALLOWABLE FEE (Upper Li	mit of Compensatior)		\$	215,462.50

EXHIBIT "1" Page **198** of **326**

100.00%

The escalation factor for this project is:

Middleton Construction Consulting									Date Date	18.0	Escalation Factor Fifth Period		3	Date Date	18.0	Escalation Factor Tenth Period
		SCALATION TABLE	No. OF MONTHS				ırough 5	1	Date Date	18.0	Escalation Factor Fourth Period	rough 10	1	Date Date	18.0	Escalation Factor Ninth Period
Consultant:		EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	18	7/1/2020	1/1/2021	%0	ESCALATION PER YEAR Year 1 through 5	1	Date Date	18.0	Escalation Factor Third Period	ESCALATION PER YEAR Year 6 through 10	1	Date Date	18.0	Escalation Factor Eighth Period
-16-4265		EXHIBIT C-1: P	CONTRACT TERM:	SCHEDULED START DATE:	RAISE DATE:	PERCENT OF RAISE:	ESCALA.	1/1/2021 - 12/31/2021	Date Date	18.0	66.67% Escalation Factor Second Period	ESCALAT	1	Date Date	18.0	Escalation Factor Seventh Period
Contract No.: RR-16-	Date: 6/1/2017							7/1/2020 - 12/31/2020	Date Date 6.0	18.0	33.33% Factor First Period		1	Date Date	18.0	Escalation Factor Sixth Period

RR-16-4265 Contract No.:

Consultant:

Middleton Construction Consulting

6/1/2017 Date:

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

OVERTIME PREMIUM	Total Total Total Total Stimated O/T Estimated O/T Hours: 1,506.00 Hours:	Average Average Premium O/T Hourly Rate: \$48.80	Total Direct Total Overtime Labor \$73,492.80	Average Hourly Rate for Classification Right) Escalated Average Avera	(100)		\$66.02 753.00			\$31.57 753.00							
MAN-HOURS AND RATE	Es	, Hour	Total	Average Hourly Rate for Classification (See Note A to		\$70.00	\$70.00	\$70.00	\$60.00	\$40.00	\$60.00	\$60.00	\$50.00	\$70.00	\$70.00	\$20.00	\$40.00
R CLASSIFICATION I				Tollway Tollway MINIMUM MAXIMUM Hourly Rate for for Classification	\$50.00	\$40.00	\$40.00	\$40.00	\$25.00	\$20.00	\$20.00	\$25.00	\$15.00	\$30.00	\$20.00	\$8.25	\$8.25
EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES				Tollway Classification	Principal	Project Manager	Senior Engineer/Planner	Resident Engineer	Project Engineer/Planner□	Staff Engineer/Planner	Engineer /Accountant	Senior Technical Specialist	Technical Specialist	Architect	Realty Specialists	Intern	Admin/Clerical
				Classification Eligible for Premium Overtime?		N _O	Š	Š	- ON	<u>0</u>	S S	S N	No	ջ	₽ XH	₽ B	≗ T"

Rev. 6/2016

Version 14

Contract No.:	RR-16-4265	Consultant:	Middleton Construction Consulting
			· · · · · · · · · · · · · · · · · · ·

Date: 6/1/2017

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			\$40 - \$70
Senior Engineer/Planner	Project Manager	Joshua Houston	\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner□			\$25 - \$60
Staff Engineer/Planner	Staff Engineer	Christian Klemp	\$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 N	o.:RR-16-4265	_Consultant:	Middleton Construction Consulting
		EXHIBIT D	
	REIMBURSABLE DIRECT	r costs - works	SHEET ESTIMATES
A.	VEHICLE REIMBURSEMENT - rat http://www2.illinois.gov/cms/Employ		
В.	ALLOWABLE DIRECT COSTS - b http://www.illinoistollway.com/docur OLLWAY XX ALLOWABLEDIREC	ments/10157/238976	<u>2/12 LG T</u>
C.	ITEMIZED DIRECT COSTS - For a Allowable Direct Costs list, writte from the Chief Engineer prior to i	en permission must	be received
	DIRECT COST CATEGORY		
	None		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 9,682.66

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
11.111	A street Cook

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.:	RR-16-4265	Consultant:	Middleton Construction Consulting
	<u> </u>	XHIBIT E - KEY PROJECT P	ERSONNEL
Project Princip	oal:		
Project Manag	er:		
Project Engine	er:		
Resident Engir	neer:		
Documentation	n Engineer:		
Project Civil E	ngineer:		
Project Structu	ıral Engineer:		
Project Draina	ge Engineer:		
Senior Engine	er:		
Others:	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265 Middleton Construction Consulting SCOPE OF SERVICES

Assist in project controls tasks or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

Middleton Construction Consulting

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
	Cost Estimating - UW Madison Chemistry	\$120,000.00	\$93,000.00	4/1/2017
	Cost Estimating - UW Madison Southeast	\$98,000.00	\$74,000.00	8/1/2017
	Recreational Facility			
	General Contracting - VAMC Madison	\$3,615,287.00	\$3,525,287.00	11/1/2017
	Ambulatory Surgery Renovation			
	Cost Estimating - John R. Moses Skilled	\$81,000.00	\$54,000.00	10/1/2017
	Nursing Facility			
	Cost Estimating - UW Oshkosh Towers	\$51,500.00	\$35,500.00	9/1/2017
	Hall Addition & Renovation	•	•	

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 SUBC	CONSUL	TANTS
------------------	--------	-------

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	<u>\$ -</u>		
	Services by Others	\$ -	_		Services by Others	<u>\$</u> -		
	Additional Services **	\$ -	_		Additional Services **	<u> </u>		
	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)		\$	<u></u>
* Additional s	services funds require prior autho	rization before use			TOTAL DBE/MBE/WBE	Subconsultants:	\$	-
				TOTAL Addi	tional Services DBE/MBE/WBE	•		
					Allowable Fee DBE/MBE/WBE	·		
			DBE/MBE/V		age of Total Fee (includes Add			
					otal Fee (does not include Add			

	4265	

Consultar	ď

Middleton Construction Consulting

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	SUBCONSUL	TANTS (NOT	DBE/MBE/WBE)
-------	-----------	------------	--------------

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 **	s -	_
	Total this Subconsultant (ULC)		_\$		Total this Subconsultant (ULC)		_ _\$
3				_			
` —	Direct Labor	\$ -	-	•	Direct Labor	•	-
	Direct Costs	\$ -	-			<u>\$</u> -	-
	Services by Others	•	-		Direct Costs		_
	Additional Services **	<u> </u>	_		Services by Others	\$ -	_
	Total this Subconsultant (ULC)	Ψ -	- e		Additional Services **	\$ -	-
	rotal tills Subconstitant (DLC)		<u> </u>		Total this Subconsultant (ULC)		
4			_	9			_
	Direct Labor		_		Direct Labor	<u>\$</u>	_
	Direct Costs	<u> </u>	-		Direct Costs	<u>\$</u>	_
	Services by Others	\$ -	-		Services by Others	_\$	_
	Additional Services **	<u>\$</u>	-		Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		<u>\$</u> -		Total this Subconsultant (ULC)		<u>\$</u>
5			_	10			_
	Direct Labor	\$	_		Direct Labor	\$ -	_
	Direct Costs	\$ -	-		Direct Costs	\$ -	_
	Services by Others	\$ -	-		Services by Others	\$ -	_
	Additional Services **	\$ -	-		Additional Services **	<u> </u>	_
	Total this Subconsultant (ULC)		\$		Total this Subconsultant (ULC)		\$ -

TOTAL Non-DBE/MBE/WBE Subc	aneultante: \$

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:	Panacea, LLC	
Contract Number:	RR-16-4265	
Proposal Date:	6/1/2017	

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: RR-16-4265 Supp 1

Consultant:

Panacea, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

ASK Jan Feb Mar Apr May Jun Jul A CM & DSE Services 40 80 80 80					פֿב	Grand lotal exhibit A hours			1,03 8
DSE Services Apr Mar Apr Mar				J					TOTAL
Jan Feb Mar Apr May Jun 40 40		MONTHS of	FYEAR 20	18					HOURS
40 40	Apr		Jul	Aug	Sep	Oct	Nov	Dec	
40 40									
40 40									
04				0	3	00			040
	40		08	08	<u>8</u>	SS	8	08	040

		***************************************	*****	***************************************					

							***************************************	***************************************	

10TAIS 40 40 80	40		8	80	80	80	80	80	640

Contract Number:	RR-1	RR-16-4265				ပ်	Consultant:			Panac	Panacea, LLC		
	_			EXHIE	SIT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	D TASK \	VORK H	OURS				
					MO	MONTHS of YEAR 2019	YEAR 2	119					TOTAL
TASK	Jan	Feb	Mar	Apr	May	unſ	Jul	Aug	Sep	Oct	Nov	Dec	
DOM 9 DEE Comment	8						-						
DOM & DOE SELVICES	8	∞	∞	<u></u>	80	19							419
ATATA:	3			١									
IO ALS	28	8	8	8	80	6.							110

Contract No.:	RR-16-4265	Consultant		Panacea,	LLC	
	<u>EX</u>	HIBIT B: FEE CA	LCULAT	<u>IONS</u>		
A. DIRECT L	ABOR (without overtime)					
	1,059.00 (Total Work Hours from Exhibit C-2)	X \$ 70.00 (Average Hourl Rate from Exhib C-2)	_	TOTAL DIRECT SALAR	Y_\$	74,130.00
	Multiplier to be used on this proj Allowable Multiplier = (2.8 DSI		MO)			2.80
	DIREC	CT REGULAR SA	LARY TI	MES MULTIPLIER	\$	207,564.00
B. REIMBUR	SABLE DIRECT COSTS N (For Prime Consultant listed abo		OR PROI	FIT		
				TOTAL DIRECT COSTS		\$7,898.50
C. SERVICES	BY OTHERS					
	Total Allowable Fee DBE/MBE/W	/BE Subconsultant (fro	n Exhibit H)_\$	-	
Total Allo	wable Fee Non-DBE/MBE/WBE Su	bconsultant (from Exhi	bit H (cont))_\$ -	-	
			тот	AL SERVICES BY OTHERS	\$	
	AL SERVICES (Prime Consul AL SERVICES (Subconsultan	(R	equires prid	or authorization before use	,	
	(•		or authorization before use		
		(R		LADDITIONAL SERVICES or authorization before use	\$	-
E. MAXIMUM	ALLOWABLE FEE (Upper I	Limit of Compensation)			\$	215,462.50

						1	Date Date	15.0	Escalation Eactor Effth Pariod			Date Date	15.0	Escalation Factor Tenth Period	
SCALATION TABLE	No. OF MONTHS				nrough 5	1	Date Date	15.0	Escalation Factor Fourth Period	rough 10	1	Date Date	15.0	Escalation Factor Ninth Period	,
EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	15	4/1/2018	1/1/2019	%0	ESCALATION PER YEAR Year 1 through 5	•	Date Date	15.0	Escalation Factor Third Period	ESCALATION PER YEAR Year 6 through 10	1	Date Date	15.0	Escalation Factor Eighth Period	100.00%
EXHIBIT C-1: P	CONTRACT TERM:	SCHEDULED START DATE:	RAISE DATE:	PERCENT OF RAISE:	ESCALA.	1/1/2019 - 6/30/2019	Date Date	15.0	40.00% Escalation Factor Second Period	ESCALAT	ı	Date Date	15.0	Escalation Factor Seventh Period	The escalation factor for this project is:
						4/1/2018 - 12/31/2018	Date Date	15.0	60.00% Factor First Period		•	Date Date	15.0	Escalation Factor Sixth Period	The escalat

Consultant:

RR-16-4265

Contract No.:

Contract No.: RR-16-4265

Consultant:_

Panacea, LLC

Date: 6/1/2017

Escalation Factor:

100.00% (From Exhibit C-1)

		EXHIBIT C-2: DIRECT LABOR CL	CLASSIFICA	TION MAN-	ASSIFICATION MAN-HOURS AND RATES	RATES		DIREC	DIRECT COST OVERTIME PREMIUM
-						Total Estimated Work Hours:	1,059.00	Total Estimated O/T	
-						Average Hourly Rate:	\$70.00	Average Premium O/T Hourly Rate:	
						Total Direct Labor_	\$74,130.00	Total Overtime Premium:	
-	Classification Eligible for Premium		Tollway MINIMUM Hourly Rate	Tollway MAXIMUM Hourly Rate for	Average Hourly Rate for Classification (See Note A to	E Ho Ho Class	Estimated Work Hours (Including	Escalated Average Premium Overtime Hourty Rate (See Note C to	Estimated Overtime Hours (Overtime Hours Only)
	№	Principal	\$50.00	\$70.00	(Augus)	(Jußuc)	Overtime)	Kignt)	Kignt)
	No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	1,059.00		
	No	Senior Engineer/Planner	\$40.00	\$70.00					
	N _O	Resident Engineer	\$40.00	\$70.00	1 (A)				
	N _o	Project Engineer/Planner□	\$25.00	\$60.00					
	N _o	Staff Engineer/Planner	\$20.00	\$40.00					
	S S	Engineer /Accountant	\$20.00	\$60.00					
	Š	Senior Technical Specialist	\$25.00	\$60.00					
_	S N	Technical Specialist	\$15.00	\$50.00					
	N _o	Architect	\$30.00	\$70.00					
XH	<u>8</u>	Realty Specialists	\$20.00	\$70.00					
_	S N	Intern	\$8.25	\$20.00					
II T	SN T	Admin/Clerical	\$8.25	\$40.00					
"1"	((a).								

Contract No.:	RR-16-4265	Consultant:	Panacea, LLC

Date: 6/1/2017

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		Derrick Colton	\$40 - \$70
Senior Engineer/Planner			\$40 - \$70
Resident Engineer		<u> </u>	\$40 - \$70
Project Engineer/Planner□			\$25 - \$60
Staff Engineer/Planner			\$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
No. O.			
		-	

Contract No.	RR-16-4265	Consultant:	Panacea, LLC
		EXHIBIT D	
	REIMBURSABLE DI	RECT COSTS - WORKSHEE	ET ESTIMATES
A.		I T - rate based on link below Employees/travel/Pages/TravelRe	eimbursement.aspx
В.	ALLOWABLE DIRECT COS http://www.illinoistollway.com. OLLWAY XX ALLOWABLE	TS - based on link below /documents/10157/2389762/12 DIRECTCOSTS 10012013.PDF	LG T
C.	Allowable Direct Costs list,	- For any expense not included written permission must be re ior to its inclusion. List those l	ceived
	DIRECT COST CATEGORY		
	None		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 7,898.50

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
Coming of Deliverships and Mylars
Actual Cost

Copies of Deliverables and Mylars

Specific Insurance – required for project

Actual Cost

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
 Recording Fees
 Courthouse Fees
 Testing of Soil Samples
 Actual Cost
 Actual Cost
 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

- *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	NK-10-4203	COHSUITANT.	Panacea, LLC
	<u>E</u>	XHIBIT E - KEY PROJECT PERSONNEL	
Project Princip	al:		
Project Manage	er:		
Project Engine	er:		
Resident Engir	neer:		
Documentation	n Engineer:		
Project Civil Er	ngineer:		
Project Structu	ral Engineer:		
Project Drainag	ge Engineer:		
Senior Enginee	er:		
Others:	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265

Panacea, LLC

SCOPE OF SERVICES

Assist in Design Corridor Management and Design Section Engineer tasks or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

Panacea, LLC

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.

Work Scope & Description of Project

Fee (Including all Supplementals and Extra Work Orders)

Fee Remaining
To Be Earned

Estimated
Date of
Completion

Contract No.: RR-16-4265	Consultant:	Panacea, LLC
	EXHIBIT H - SERVICES BY OTHERS	
Exhibits A-G must be submitted for each sul include Exhibit I	bconsultant listed below. If a subconsultant H and attach Exhibits A-G for second tier su	
DBE/MBE/WBE SUBCONSULTANTS		
1		
		

' _				6				
	Direct Labor		_		Direct Labor		_	
	Direct Costs		_		Direct Costs	\$	_	
	Services by Others		_		Services by Others	\$ -	_	
	Additional Services **		<u>. </u>		Additional Services **	\$ -	_	
	Total this Subconsultant (ULC)		\$ -		Total this Subconsultant (ULC)		\$	-
2				-				
	Direct Labor		_	7	Direct Labor		-	
	Direct Costs		_		Direct Costs	\$ -	-	
	Services by Others		_		Services by Others	\$ -	-	
	Additional Services **		_		Additional Services **	\$ -	-	
	Total this Subconsultant (ULC)		- \$ -		Total this Subconsultant (ULC)		- \$	_
	(,				Total till dabbolloalant (dab)			
3 _			_	8 _			-	
	Direct Labor		_		Direct Labor		-	
	Direct Costs	<u>\$</u> -	-		Direct Costs	\$ -	-	
	Services by Others	\$ -	_		Services by Others	\$ -	-	
	Additional Services **	\$ -	_		Additional Services **	\$ -	-	
	Total this Subconsultant (ULC)		<u> </u>		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)		\$	_
Additio	onal services funds require prior autho	rization before use			TOTAL DBE/MBE/WB	E Subconsultants:	\$	-
			Te	OTAL Add	ditional Services DBE/MBE/WB	E Subconsuitants:	\$	-
				TOTA	L Allowable Fee DBE/MBE/WB	E Subconsultants:	\$	-
			DBE/MBE/WI		ntage of Total Fee (includes Ad			

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

٥.

			_
00	40	-4 26	_

Co		

Panacea, LLC

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.

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

Total this Subconsultant (ULC)	\$ -	Total this Subconsultant (ULC)	\$	-
Additional services funds require prior authorization before use		TOTAL Non-DBE/MBE/WBE Subconsultants	s: \$	•
	TOTAL	Additional Services Non-DBE/MBE/WBE Subconsultants	s: <u>\$</u>	
	т	OTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants	s: \$	-

10

Direct Labor

Direct Costs

Services by Others

Additional Services **

\$ -

\$ -

Direct Labor

Direct Costs

Services by Others

Additional Services **

<u>\$</u>-

ontract	Information Sheet
omplete the follo	owing information and it will be populated on every exhibit.
onsultant Name:	PMCS, LLC
ontract Number:	RR-16-4265
roposal Date:	6/1/2017
chibit 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.
hibit Pointers	Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes
chibit Pointers	Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes
chibit Pointers	Notes and guidance for each exhibit are on the right of the exhibits in yellow text boxes

		KK-10-4205				Ö	Consultant:			PMC	PMCS, LLC		
				EXHIB	IIT A: ES	TIMATE	D TASK \	EXHIBIT A: ESTIMATED TASK WORK HOURS	ours				
									Gra	Grand Total Exhibit A Hours	Exhibit /	A Hours	14,627
					Q ¥	NTHS of	MONTHS of YEAR 2017	017					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Juc	Aug	Sep	Oct	Nov	Dec	
DCM Services							154	165	165	165	165	165	979
													;
TOTALS							154	165	165	165	165	165	979

TASK Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec HOURS DCM Services 280 280 280 280 280 280 280 280 280 3800 DCM Services 280 280 280 280 280 280 280 280 3800 DCM Services 280 280 280 280 280 280 280 3800 3800 DCM Services 280 280 280 280 280 280 280 3800 3800 DCM Services 280 280 280 280 280 280 280 280 3800 DCM Services 280 280 280 280 280 280 280 280 280 280		_			EXHIB	IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASK	VORK H	OURS			_	_
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vices 280 <th< th=""><th>TASK</th><th>Jan</th><th>Feb</th><th>Mar</th><th>Apr</th><th>May</th><th>Jun</th><th>Jul</th><th>Aug</th><th>Sep</th><th>Oct</th><th>Nov</th><th>Dec</th><th></th></th<>	TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
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TASK Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec HOI		_			EXHIB	IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASK	VORK H	ours			_	_
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vices 160 </th <th>TASK</th> <th>Jan</th> <th>Feb</th> <th>Mar</th> <th>Apr</th> <th>Мау</th> <th>Jun</th> <th>Jul</th> <th>Aug</th> <th>Sep</th> <th>Oct</th> <th>Nov</th> <th>Dec</th> <th></th>	TASK	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Vices 160 160 160 160 160 160 160 160 160 160	Series Series	7007		700	00,	7	100	700	100	100	100	400	700	7007
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•				EXHIB	IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASKV	VORK H	OURS			•	
					MO	MONTHS of YEAR 2021	YEAR 20	21					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	700	700		30,	00,			00,	,	,			
DCM Services	160	160	160	160	160	160	160	160	160	160	160	160	1920
TOTALS	160	160	160	160	160	160	160	160	160	160	160	160	1920

				EXHE	SIT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASK V	VORK H	ours				
			:		MO	MONTHS of YEAR 2022	YEAR 20	122					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM Services	160	160	160	160	160	160	160	240	240	240	240	240	2320
					•					_			
TOTALS	160	160	160	160	160	160	160	240	240	240	240	240	2320
													2000

	TOTAL			OBO									096
		Dec											
		Nov											
		Oct											
OURS		Sep											
NORK H	023	Aug											
D TASK	YEAR 2	Jul											
EXHIBIT A: ESTIMATED TASK WORK HOURS	MONTHS of YEAR 2023	unr											
SIT A: ES	MO	May											
EXHIE		Apr		240	2								240
		Mar		240	2								240
		Feb		240	2								240
		Jan		240	2								240
		TASK		DCM Services									TOTALS

Contract No.:	RR-16-4265	Consultant:	PMCS, L	LC	
	<u>EXH</u> I	BIT B: FEE CALCUL	<u>ATIONS</u>		
A. DIRECT LAB	OR (without overtime)				
	14,627.00 (Total Work Hours from Exhibit C-2)	X \$ 52.29 = (Average Hourly Rate from Exhibit C-2)	TOTAL DIRECT SALAR	/ <u>\$</u>	764,845.83
	ultiplier to be used on this project Allowable Multiplier = (2.8 DSE)				2.80
	DIRECT	REGULAR SALARY	TIMES MULTIPLIER	\$	2,141,568.32
C. SERVICES B	Y OTHERS		TOTAL DIRECT COSTS		\$13,056.68
Τα	tal Allowable Fee DBE/MBE/WBI	Subconsultant (from Exhib	olt H) _\$	_	
Total Allowabi	le Fee Non-DBE/MBE/WBE Subc	onsultant (from Exhibit H (co	ont))_\$	-	
		т	OTAL SERVICES BY OTHERS	\$	<u>-</u>
D. ADDITIONAL	SERVICES (Prime Consulta		prior authorization before use	7	
ADDITIONAL	SERVICES (Subconsultants))	prior authorization before use	<u>-</u>	
			OTAL ADDITIONAL SERVICES prior authorization before use		-
		nit of Compensation)			

PMCS, LLC		ABLE	THS					- 12/31/2020 1/1/2021 - 12/31/2021	Date Date Date Date 12.0	ALLEGO DE LA CONTRACTOR	17.14% Tacon Factor Fourth Period Escalation Factor Filth Period		-	Date Date Date			Escalation Factor Ninth Period Escalation Factor Tenth Period
Consultant:		EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	70 No. OF MONTHS	7/1/2017	1/1/2018	%0	ESCALATION PER YEAR Year 1 through 5	1/1/2019 - 12/31/2019 1/1/2020	Date Date Date A		17.14% 17. Escalation Factor Third Period Escalation Factor Third Period	ESCALATION PER YEAR Year 6 through 10	•	Date Date Date			Escalation Factor Eighth Period Escalation Fac
RR-16-4265 Supp 1	6/1/2017	EXHIBIT C-1: PA	CONTRACT TERM:	SCHEDULED START DATE:	RAISE DATE:	PERCENT OF RAISE	ESCALAT	2017 1/1/2018 - 12/31/2018	te Date Date	70.0	17.14% Escalation Factor Second Period	ESCALATI	2022 - 4/30/2023	te Date Date	70.07	£ 71%	riod Escalation Factor Seventh Period
Contract No.: RR	Date:							7/1/2017 - 12/31/2017	Date Date	70.0	8.57% Factor First Period		1/1/2022 - 12/31/2022	Date Date	70.0	77 1407	Escalation Factor Sixth Period

Classification Premium Premium Premium Premium No Project Manager No Project Manager No Project Manager No Project Manager No Project Manager No Senior Engineer/Plan No Staff Engineer/Plan No Staff Engineer/Plan No Staff Engineer/Plan No Staff Engineer/Plan No Staff Engineer/Plan No Architect No Architect No Architect No Architect No Architect No Architect No Architect No Architect No Architect No Architect No Architect No Architect No Architect No Architect No Architect	Slassification Mainer Inner Inter In	Tollway MINIMUM Hourly Rate for Classification C \$40.00 \$40.00 \$20.00 \$20.00 \$20.00 \$25.00 \$2	Toliway MAXIMUM Hourly Rate of Classification (Classification (ST0.00 ST0.00 ST0.00 S60.00 S6	Average Hourly Rate Classification (See Note A to Right) 456.30 \$60.00 \$0.00	Total Estimated Work Hours: Total Direct Labor	(Fron Eathell C-1) 14,627,00 \$52,29 \$52,29 \$764,845,83 Estimated Work Hours (Including Overtime) 4,820,00 4,820,00	 DIRECT COST OVERTIME PREMIUM Total Hours: Average Premium OT Houry Rate: So 00 Premium S000 Premium S000 Premium S000 Premium Hours Overtime Hours Only) Ise Note C to (See Note D to Right)
A Property of the Property of	Tollway Classification Clauser	Tollway MINIMUM Hourly Rate for Issesification (Toliway MANNHH Hourly Ray Fro Co Sto.00 Sto.	Average Hourty Rate for for for for for for for for for for	Estimated Work Hours: Work Hours Work Hours Average Houry Rate: Classification (See Note B to Right) Right) S0.00 \$0.00 \$0.00	World St.	 S0.00 S0.00
Principal Project Proj	er ler ler ler ler ler ler ler ler ler l			Average Hourty Rate for Classification (See Notice of See	> 보다 W ~ 분 #5호	World (Inc.)	\$0.00 \$0.00 Estimated Overtime Hours Only) (See Note D to Right)
Principa Project I Senior E Serior I Technica Technica Architec Architec Architec Architec	sesification ler ler			Average Hourry Rate for Classification (See Note A to Right) \$67.85 \$64.30 \$0.00		World St	\$0.00 \$0.00 Estimated Overtime Hours Only) (\$ee Note D to Right)
Principa Project I Senior E Serior E Staff Ent Technica Architec Architec Architec	sesification ler ler			Average Hourly Rate for self-retain (See Note A to Right) \$67.85 \$64.30 \$0.00	Total Direct Labor State Sate S	\$0.00 Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	
Principa Principa Project I Senior E Serior I Technica Architec Architec	sesification ler ner ialist			Average Hourly Rate Classification (See Note A to Right) \$67.85 \$64.30 \$0.00	Escalated Average Hourly Rate For Classification (See Note B to Right) Right) \$50.00 \$50.00 \$50.00 \$50.00 \$50.00	World (Process)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)
Principal Project Proj	sesmeauon ler ler	 		\$67.85 \$64.30 \$0.00		§	
Project Mai Senior Eng Resident E Project Eng Staff Engineer / Englineer / Senior Tect Technical S Architect Realty Speriment	anager gineer/Planner Engineer maineer/Planner Accountant chincal Specialist Specialist specialist ecialists	\$40.00 \$40.00 \$25.00 \$25.00 \$15.00	\$70.00 \$70.00 \$60.00 \$60.00 \$60.00	\$67.30			
Senior Eng Resident E Project Eng Staff Engines / Senior Ted Senior Ted Technical S Architect Realty Spe Intern Admin/Cler	Engineer/Planner Engineer maineer/Planner Accountant Accountant Chinical Specialist Specialist Specialist ecialists	\$40.00 \$40.00 \$25.00 \$20.00 \$20.00 \$25.00 \$15.00	\$70.00 \$70.00 \$60.00 \$60.00	\$0.00			
Resident E. Project Eng. Staff Engineer / Sentor Ted. Technical S. Architect Realty Spe. Intern Admin/Cleit	Engineer ngineer/Planner ineer/Planner /Accountant chinical Specialist Specialist ecialist	\$26.00 \$26.00 \$20.00 \$20.00 \$25.00 \$15.00	\$60.00 \$60.00 \$60.00 \$60.00	00:0\$			
Project Eng Staff Engineer / Engineer / Senior Ted Technical S Architect Realty Spec	ngineer/Planner Necer/Planner Accountant chinical Specialist Specialist specialist ecialists	\$25.00 \$20.00 \$20.00 \$25.00 \$15.00	\$60.00 \$40.00 \$60.00	\$0.00			
Staff Engineer / Engineer / Senior Ted Senior Ted Technical S Architect Realty Spot Intern Admit/Cleri	Ineer/Planner /Accountant chnical Specialist Specialist socialist ecialist acialist	\$20.00 \$20.00 \$25.00 \$15.00	\$60.00	\$0.00			
Engineer // Sentor Ted Technical S Architect Realty Sper	/Accountant chnical Specialist Specialist edialist edialists	\$20.00	\$60.00		\$0.00		
Senior Tect Technical S Architect Realty Sper Intern Admir/Cleir	chinical Specialist Specialist edialists	\$25.00	\$60.00		\$0.00		_
Technical S Architect Realty Sperinter Intern Admin/Cleft	Specialist	\$15.00	0000				
Architect Realty Sperintern Infern Admin/Cleri	ecialists		\$50.00	\$25.65	\$25.65	4,987.00	
Realty Spering Admin/Cler	Pocialists	\$30.00	\$70.00		\$0.00		
Admin/Cleri	arical	\$20.00	\$70.00		\$0.00		
Admin/Cleri	arical	\$8.25	\$20.00		\$0.00		
		\$8.25	\$40.00		\$0.00	0.00	
		1					
		1					

Rev. 6/2016

Contract No.:	RR-16-4265	Consultant:	PMCS, LLC	
Date:	6/1/2017			
	<u>EXHIB</u>	T C-3: DIRECT LABOR EMPLOY	EE CLASSIFICATION LIST	•

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal			\$50 - \$70
The sale			
Project Manager	Project Controls Manager	Kerry Nutter	\$40 - \$70
Senior Engineer/Planner	Sr. Project Controls Specialist	Tope Aderiye	\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner			\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Fechnical Specialist	Cost Engineer	Janice Torelli	\$15 - \$50
Architect			\$ 30 - \$ 70
Realty Specialists			\$20 - \$70
ntern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40
7 0.			
		-	
		+	

Contract	No.:	RR-16-4265	Consultant:	PMCS, LLC
			EXHIBIT D	
		REIMBURSABLE DIR	RECT COSTS - WORKSHE	ET ESTIMATES
A.			- rate based on link below mployees/travel/Pages/TravelF	Reimbursement.aspx
В.	http:/	//www.illinoistollway.com/c	S - based on link below documents/10157/2389762/12 DIRECTCOSTS 10012013.P	
C.	Allo	wable Direct Costs list, v	For any expense not include written permission must be in to its inclusion. List those	received
	DIRE None	ECT COST CATEGORY		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

13,056.68

\$

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.

	5. 1. 5. 1. 18. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
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

- *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	.: <u>RR-16-4265</u>	Consultant:	PMCS, LLC	
	!	EXHIBIT E - KEY PROJECT PERSO	NNEL_	
Project Prin	cipal:			
Project Man	ager:			·
Project Eng	ineer:			<u>-</u>
Resident En	gineer:		********	
Documenta	tion Engineer:			
Project Civi	l Engineer:			
Project Stru	ctural Engineer:			
Project Drai	nage Engineer:			
Senior Engi	neer:			:
Others:	Name:			
	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			

EXHIBIT F

Contract No. RR-16-4265 PMCS, LLC SCOPE OF SERVICES

Assist in program controls tasks or other tasks as assigned by AECOM or other technical tasks as directed the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

PMCS, LLC

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
I-11-4013	Tollway Program Management Office	\$2,704,062.00	\$249,000.00	7/3/2017
RR-10-9973	Tollway General Engineering Consultant	\$2,371,595.00	\$124,913.00	6/30/2017
I-14-4188	I-90 Construction Management Services	\$360,215.00	\$52,121.00	6/1/2017

Contract	No.: <u>RR-16-4265</u>	_		Consultant		PMCS, LLC	
			EXHIBIT H - SE	RVICES BY	OTHERS		
Exhibits	A.G must be submitted	l for each subo			subconsultant requires "	Camilaga bu Oth	ann 11 4th are married
	incl	lude Exhibit H	and attach Exhib	oits A-G for	second tier subconsultan	its.	ers , they must
DBE/MBE/	WBE SUBCONSULTAN	TS					
				_			
· —	Direct Labor		_	6	Discontinue	***	_
	Direct Costs	_	_		Direct Labor Direct Costs	•	_
	Services by Others		_			\$ <u>-</u>	_
	Additional Services **				Services by Others Additional Services **	*	_
	otal this Subconsultant (ULC)		_ \$ -		Total this Subconsultant (ULC)	-	- \$ -
	. ,			-	Town and Gaboon Gallant (GEO)		
2	No. 41 st		_	7			_
_	lirect Labor		_		Direct Labor		-
	lirect Costs services by Others		_		Direct Costs	\$ -	_
	dditional Services **		_		Services by Others	\$ -	_
	otal this Subconsultant (ULC)	-	-		Additional Services **	_\$	-
,	oral una oubconsultant (OEC)		<u>\$ -</u>	-	Total this Subconsultant (ULC)		\$ -
3			_	8			_
D	lrect Labor				Direct Labor		_
Đ	irect Costs	\$ -			Direct Costs	\$ -	_
	ervices by Others	<u> </u>	_		Services by Others	<u> </u>	_
A	dditional Services **	<u> </u>	-		Additional Services **	<u> </u>	_
T.	otal this Subconsultant (ULC)		<u> </u>	-	Total this Subconsultant (ULC)		<u>\$</u> -
4			_	9	·		_
D	irect Labor		_		Direct Labor		_
D	irect Costs	\$ -	_		Direct Costs	\$ -	_
S	ervices by Others	\$ -	_		Services by Others	<u> </u>	_
A	dditional Services **	<u>\$ -</u>	_		Additional Services **	\$ -	_
Te	otal this Subconsultant (ULC)		<u>\$ -</u>	•	Total this Subconsultant (ULC)		\$ -
5				10			
	irect Labor		_		Direct Labor		-
	irect Costs	\$ -			Direct Costs	\$ -	_
	ervices by Others	\$ -			Services by Others	\$ -	_
	dditional Services **	\$ -	_		Additional Services **	\$ -	-
To	otal this Subconsultant (ULC)		 \$		Total this Subconsultant (ULC)	-	- \$-
					······		
A .1.161 4							
Additional se	rvices funds require prior author	ization before use			TOTAL DBE/MBE/WB	E Subconsultants:	<u>\$</u> -
				TOTAL Addit	ional Services DBE/MBE/WB	E Subconsultants:	\$ -
				TOTAL	Allowable Fee DBE/MBE/WB	E Subconsultants:	<u> </u>
					age of Total Fee (includes Ad	•	
			DRF/MBE/MBE Pe	rcentage of To	otal Fee (does not include Ad	ditional Services):	

Project	No.	RR-16-4265	-		Consultant	:	PMCS, LLC	
			EXHI	BIT H - SERVICE	S BY OTHER	RS (continued)		
Exhibits	A-G mus	st be submitted fo	or each subcons	ultant listed belo	w. If a subc	onsultant requires "Servi nd tier subconsultants.	ces by Others", t	hey must include
OTHER S	SUBCON	SULTANTS (<u>NO</u>			k-G for secoi	nd tier subconsultants.		
4		<u>Van</u>		,				
'	Direct Lab	or		-	6	Direct Labor		_
	Direct Cos			-		Direct Costs	\$ -	_
	Services b	y Others		-		Services by Others	\$ -	_
		Services **		-		Additional Services **	\$ -	-
	Total this	Subconsultant (ULC)	<u> </u>	- \$		Total this Subconsultant (ULC)		- \$ -
2					_	,		
	Direct Lab	Dr		-	7	Direct Labor	\$ -	_
	Direct Cos			-		Direct Costs	<u> </u>	-
	Services b			-		Services by Others	\$ -	_
	,	Services **		-		Additional Services **	¢ _	-
	Total this S	Subconsultant (ULC)		- \$ -		Total this Subconsultant (ULC)		- \$ -
						,		
·	Direct Labe		\$ -	-	8			-
	Direct Cost		\$ -	-		Direct Labor	\$ -	-
	Services by		\$ -	-		Direct Costs	<u>s -</u>	_
	Additional		\$ -	-		Services by Others	<u> </u>	_
		Subconsultant (ULC)	<u> </u>	- •		Additional Services **	<u> </u>	-
		(520)			-	Total this Subconsultant (ULC)		<u> </u>
4				_	9			_
	Direct Labo		<u>\$</u> -	-		Direct Labor	\$ -	_
	Direct Cost		<u>\$</u> -	-		Direct Costs	\$ -	_
	Services by		\$ -	-		Services by Others	\$ -	-
	Additional		<u>s</u> -	-		Additional Services **	<u> </u>	-
	Total this S	Subconsultant (ULC)		<u> </u>	•	Total this Subconsultant (ULC)		<u> </u>
5				-	10			_
	Direct Labo	or .	\$ -	-		Direct Labor	\$ -	<u>-</u>
	Direct Cost	s	\$ -			Direct Costs	\$ -	_
	Services by	Others	<u> </u>			Services by Others	<u> </u>	_
	Additional	Services **	<u> </u>			Additional Services **	\$ -	-
	Total this S	ubconsultant (ULC)		<u>\$</u>		Total this Subconsultant (ULC)		\$ -
* Additional :	services fun	ds require prior author	ization before use			TOTAL Non-DBE/MBE/W	BE Subconsultants:	<u>\$</u>
				т	OTAL Addition	al Services Non-DBE/MBE/W	BE Subconsultants:	\$ -
						owable Fee Non-DBE/MBE/W		
X-10-40-							ou our official (5:	<u> </u>

Contract Information Sheet

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

R&G Engineering, LLC
RR-16-4265
6/1/2017

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.

Version 13

Contract Number: RR-16-4265 Supp 1

Consultant:

R&G Engineering, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

									Gra	Ind Total	Grand Total Exhibit A Hours	A Hours	1,364
													TOTAL
					O W	NTHS of	MONTHS of YEAR 2019	019					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

DCM & DSE Services					120	160	160	160	160	160	160	160	1240
											,		
	-	***************************************											

***************************************	***************************************			***************************************									

	***************************************	***************************************											
	***************************************		***************************************	***************************************									
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		***************************************										
	***************************************			***************************************									
	***************************************				***************************************								
TOTALS					120	160	160	160	160	160	160	160	1240

Contract Number:	RR-16	RR-16-4265				ဋ	Consultant:			₹ Engi	R&G Engineering, LLC	CC	
				EXHI	EXHIBIT A: ESTIMATED TASK WORK HOURS	TIMATE) TASK	VORK H	ours			·	
			-		S	AT HA	MONTHS of VEAR 2020	6					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	Juc	Aug	Sep	Oct	Nov	Dec	
DCM & DSE Services	124												124
TOTALS	124												124

Contract No.:	RR-16-4265	Consultar	nt:	R&G Engi	neering, LLC	;
	<u>EXH</u>	IBIT B: FEE C	ALCUL	ATIONS		
A. DIRECT LAB	OR (without overtime)					
	1,364.00 (Total Work Hours from Exhibit C-2)	X \$ 64 (Average Hot Rate from Ext C-2)	urly	TOTAL DIRECT SA	ALARY_\$	88,523.60
Mu	ultiplier to be used on this projec	ct:				2.80
	Allowable Multiplier = (2.8 DSE)	(2.5 or 2.8 CM) (2.5	PMO)			
	DIREC	T REGULAR S	ALARY	TIMES MULTIPLIE	ER <u>\$</u>	247,866.08
(F	BLE DIRECT COSTS No or Prime Consultant listed above		FOR PR	OFIT TOTAL DIRECT C	OSTS	\$5,295.92
C. SERVICES B	Y OTHERS					
Te	otal Allowable Fee DBE/MBE/WE	BE Subconsultant (1	from Exhib	it H) <u>\$</u>		
Total Allowal	ble Fee Non-DBE/MBE/WBE Sub	consultant (from E	xhibit H (co	ont)) _\$		
			Т	OTAL SERVICES BY OTI	HERS \$	-
	SERVICES (Prime Consult SERVICES (Subconsultant	,	` •	prior authorization before		
				OTAL ADDITIONAL SERV		
E. MAXIMUM AI	_LOWABLE FEE (Upper L	imit of Compensati		prior authorization before	re use) \$	253,162.00

R&G Engineering, LLC						0.6	Scalation Factor Fifth Period		- Date Date	0.6	riod Escalation Factor Tenth Period	
		ESCALATION TABLE	No. OF MONTHS	through 5	- do G	0.6	Escalation Factor Fourth Period	hrough 10	- Date Date	0.6	Escalation Factor Ninth Period	1
Consultant:		EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	9 5/1/2019 1/1/2020 0%	ESCALATION PER YEAR Year 1 through 5	- Park	9.0	Escalation Factor Third Period	ESCALATION PER YEAR Year 6 through 10	Date Date	9.0	Escalation Factor Eightin Period	100.00%
KK-16-4265	6/1/2017	EXHIBIT C-1: P	CONTRACT TERM: SCHEDULED START DATE: RAISE DATE: PERCENT OF RAISE:	ESCALA	1/1/2020 - 1/31/2020	9.0	11,11% Escalation Factor Second Period	ESCALAT	Date Date	9.0	Escalation Factor Seventh Period	The escalation factor for this project is:
Contract No.: KK-16	Date: 6/1/				5/1/2019 - 12/31/2019	9.0	88.89% Factor First Period		Dete Date	9.0	Escalation Factor Sixth Period	The escal

Version 13

Total Direct Escalation Factor: Estimated Work Hours: Classification Classification (See Note A to (See Note B to Hourly Rate: **Hourly Rate Escalated** Average Right) **EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES** \$64.90 Consultant: Average Hourly Rate Right) ģ \$70.00 \$60.00 \$60.00 \$70.00 \$70.00 \$70.00 \$70.00 \$60.00 \$40.00 \$50.00 \$70.00 \$20.00 \$40.00 Classification **Hourly Rate** MAXIMUM Tollway \$15.00 \$50.00 \$40.00 \$25.00 \$20.00 \$25.00 \$30.00 \$8.25 \$8.25 Classification \$40.00 \$40.00 \$20.00 \$20.00 **Hourly Rate** Tollway MINIMOM **Tollway Classification** Project Engineer/Planner□ Senior Technical Specialist Senior Engineer/Planner Staff Engineer/Planner Engineer /Accountant RR-16-4265 Technical Specialist Resident Engineer 6/1/2017 Realty Specialists Project Manager Admin/Clerical Architect Intern Date: Contract No.: Classification Eligible for **Overtime?** Premium ŝ ŝ 욷 2 ဍ 읟 £ ဍ ĝ ŝ ŝ ဍ £

(See Note D to Hours Only)

See Note C to

Right)

1,364.00

\$64.90

Hourly Rate

Work Hours Estimated

호

(Including Overtime)

Premium Overtime

Average

Right)

(Overtime

Estimated

Escalated

Total Overtime

Hourly Rate:

\$64.90

Average

Premium:

\$88,523.60

Labor

Overtime Hours

OVERTIME PREMIUM

Total

Total

Estimated O/T

Hours: Average Premium O/T

1,364.00

DIRECT COST

R&G Engineering, LLC

100.00%

(From Exhibit C-1)

EXHIBIT Page **249** of **326** Rev. 6/2016

Contract No.:	RR-16-4265	Consultant:	R&G Engineering, LLC

Date: 6/1/2017

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			\$40 - \$70
Senior Engineer/Planner	Senior Civil Engineer	John F. Krampien	\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner□			\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40
10			

-M			
			· · · · · · · · · · · · · · · · · · ·

Contract No.:	RR-16-4265	Consultant: _	R&G Engineering, LLC
PVIIIDIT D			
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		
В.	ALLOWABLE DIRECT COSTS - based on link below http://www.illinoistollway.com/documents/10157/2389762/12 LG T OLLWAY 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		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 5,295.92

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.

State Rate (Maximum) Per Diem State Rate (Maximum) Lodging Coach Rate with 2 weeks advance Air Fare purchase **Vehicles** State Rate* (Maximum) Mileage \$55/day (Maximum) Vehicle Rental Leased / Company-Owned Vehicles (does not include \$65/day personal vehicles, not owned by the company) \$32.50/half day Vehicle Half-day Rate **Actual Cost Parking Actual Cost Tolls** Premium portion Overtime **Actual Cost** Film and Film Processing** Overnight Delivery/Postage Courier Service **Actual Cost Actual Cost** Copies of Deliverables and Mylars **Actual Cost** Specific Insurance - required for project Actual Costs (Maximum of \$15.00/Hr) CADD **Actual Cost** Monuments - Permanent **Payment for Newspaper Ads Actual Cost Actual Cost** Web Site Facility Rental for Public Meetings & Exhibits/Rendering **Actual Cost** & AV Equipment/Transcriptions **Actual Cost Recording Fees Actual Cost Courthouse Fees Actual Cost Testing of Soil Samples** Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, **Actual Cost** pavement cores) Equipment rental specific for project (snooper for bridge **Actual Cost** inspection, noise meter, etc.) Specialized equipment - on an as needed basis with prior **Actual Cost** approval **Actual Cost Traffic Systems Actual Cost** Storm sewer cleaning and televising **Actual Cost** Traffic control and protection **Actual Cost** Aerial photography and mapping

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.:	RR-16-4265	Consultant:	R&G Engineering, LLC
	EXH	<u>IIBIT E - KEY PROJECT PE</u>	RSONNEL
Project Princip	al:		
Project Manage	er:		
Project Engine	er:		· · · · · · ·
Resident Engin	neer:		
Documentation	Engineer:		
Project Civil En	ngineer:		
Project Structu	ral Engineer:		
Project Drainaç	ge Engineer:		
Senior Enginee			
Others:	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265
R&G Engineering, LLC
SCOPE OF SERVICES

Assist in Design Corridor Managment tasks or Design Section Engineer tasks or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

R&G Engineering, LLC

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.

Work Scope & Description of Project

Fee (Including all Supplementals and Extra Work Orders)

Fee Remaining To Be Earned

Estimated
Date of
Completion

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	<u> </u>	-	
	Services by Others		_		Services by Others	<u> </u>	-	
	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)		- \$	-
• –	Direct Labor		_	9			-	
	Direct Costs	•	_		Direct Labor		-	
			_		Direct Costs	\$ -	-	
	Services by Others	\$ -			Services by Others	\$ -	-	
	Additional Services **	\$ -			Additional Services **	\$ -	-	
	Total this Subconsultant (ULC)		<u> </u>		Total this Subconsultant (ULC)		\$	
5				10				
	Direct Labor				Direct Labor		3	
	Direct Costs	\$ -	_		Direct Costs	\$ -	•	
	Services by Others	\$ -			Services by Others	\$ -	•	
	Additional Services **	\$ -	-		Additional Services **	\$ -	•	
	Total this Subconsultant (ULC)		 \$ -		Total this Subconsultant (ULC)		\$	_
					,			
Addition	nal services funds require prior author	rization before use			TOTAL DBE/MBE/WBE	Subconsultants:	\$	-
			T	OTAL Add	itional Services DBE/MBE/WBE	Subconsultants:	\$	-
				TOTAL	L Allowable Fee DBE/MBE/WBE	Subconsultants:	\$	-
			DBE/MBE/W		tage of Total Fee (includes Ade			
					Total Fee (does not include Add			

_		
Pro	iect	No.

RR.	16-4265	

Co		٠	14~	-4-
LO	ns	ш	па	nt:

R&G Engineering, LLC

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.

	Exhibit H and attach Exhibits A-G for second tier subco	nsultants.
OTHER SUBCONSULTANTS (NOT D	DBE/MBE/WBE)	

1			_	6			
	Direct Labor		_		Direct Labor		
	Direct Costs		_		Direct Costs	\$ -	_
	Services by Others		_		Services by Others	\$ -	_
	Additional Services **		_		Additional Services **	\$ -	
	Total this Subconsultant (ULC)		<u> </u>		Total this Subconsultant (ULC)		<u> </u>
2			_	7			
	Direct Labor		_		Direct Labor	\$ -	
	Direct Costs		_		Direct Costs	<u> </u>	<u> </u>
	Services by Others		_		Services by Others	\$ -	<u> </u>
	Additional Services **		_		Additional Services **	\$ -	
	Total this Subconsultant (ULC)		\$ -		Total this Subconsultant (ULC)		\$ -
3				8			
	Direct Labor	\$ -	_		Direct Labor	\$ -	
	Direct Costs	\$ -	<u>.</u>		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	<u>\$</u> -	_
	Additional Services **		-		Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		<u>\$</u>		Total this Subconsultant (ULC)		\$
5			_	10			
	Direct Labor	\$ -	_		Direct Labor	\$	
	Direct Costs	\$ -	-		Direct Costs	_\$	<u></u>
	Services by Others	\$ -	-		Services by Others	_\$	<u> </u>
	Additional Services **	\$	-		Additional Services **	<u> </u>	_
	Total this Subconsultant (ULC)		\$ -		Total this Subconsultant (ULC)		<u> </u>

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

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

^{**} Additional services funds require prior authorization before use TOTAL Non-DBE/MBE/WBE Subconsultants: \$

Contract Information Sheet

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

Consultant Name:	SCIGON Solutions, Inc.	
Contract Number:	RR-16-4265	
Proposal Date:	6/1/2017	

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:	RR-16	RR-16-4265				ပ္ပိ	Consultant:			SCIGON Solutions, Inc.	olutions,	nc.	
				EXHIE	IT A: ES	TIMATE	D TASK	EXHIBIT A: ESTIMATED TASK WORK HOURS	ours				
									25	Grand Total Exhibit A Hours	Exhibit	A Hours	2,122
					S	NTHS of	MONTHS of YEAR 2017	017					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM Services							80	80	80	80	80	80	480
										-			
TOTALS							80	80	80	80	80	80	480

Contract Number:	RR-16-4265	4265				Co	Consultant:		3,	SCIGON Solutions, Inc.	olutions, I	2	
	_			EXHIE	SIT A: ES	TIMATE	D TASK)	EXHIBIT A: ESTIMATED TASK WORK HOURS	ours			•	
					Ŭ O₩	NTHS of	MONTHS of YEAR 2018	018					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM Services	08	08	8	80	80	80	80	80	8	80	80	80	960
TOTALS	80	80	80	80	80	80	80	08	08	80	80	80	096

EXHIBIT "1" Page **261** of **326**

Consultant:	
RR-16-4265	
mber: RR-16	

Contract Number:	RR-16-4265	4265				S	Consultant:			SCIGON Solutions, Inc.	olutions,	Inc.	
				EXHIE	SIT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASK	WORK H	OURS				
					W	MONTHS of YEAR 2019	YEAR 2	019					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	0ct	Nov	Dec	
Contract NOC	700	007	007	700	111								
DOM Services	120	071	NZ1	120	144	28					-		682
TOTALS	120	120	120	120	144	58							682

Contract No.:	RR-16-4265	Consultant: _		SCIGON Solution	ons, Inc.	
	<u>EXHIB</u>	IT B: FEE CALC	<u>ULATI(</u>	<u>ons</u>		
A. DIRECT LAB	OR (without overtime)					
	2,122.00 X (Total Work Hours from Exhibit C-2)	\$ 70.00 (Average Hourly Rate from Exhibit C-2)	=	TOTAL DIRECT SALARY	\$	148,540.00
Mu	ultiplier to be used on this project:					2.80
	Allowable Multiplier = (2.8 DSE) (2.5	5 or 2.8 CM) (2.5 PMO)				
	DIRECT R	REGULAR SALAI	RY TIN	IES MULTIPLIER	\$	415,912.00
	BLE DIRECT COSTS NOT or Prime Consultant listed above.)	ELIGIBLE FOR	PROF			A 45 040 00
				TOTAL DIRECT COSTS		\$15,013.00
C. SERVICES B	Y OTHERS					
Та	otal Allowable Fee DBE/MBE/WBE S	ubconsultant (from Ex	hibit H)	\$ -		
Total Allowab	ole Fee Non-DBE/MBE/WBE Subcon	sultant (from Exhibit l	l (cont))	\$ -		
			TOTA	L SERVICES BY OTHERS	\$	-
	SERVICES (Prime Consultant)		ires prio	r authorization before use)		
ADDITIONAL	SERVICES (Subconsultants)	(Requ	ires prio	r authorization before use)		
		, -1-	•	,	\$	_
		(Requ		r authorization before use)		
E. MAXIMUM AL	LOWABLE FEE (Upper Limit	of Compensation)			\$	430,925.00

Date: 6/1/	6/1/2017			
	EXHIBIT C-1: 9	EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	SCALATION TABLE	
	CONTRACT TERM: SCHEDULED START DATE:		No. OF MONTHS	
	RAISE DATE: PERCENT OF RAISE:	1/1/2018		
	ESCALA	ESCALATION PER YEAR Year 1 through 5	hrough 5	
7/1/2017 - 12/31/2017	1/1/2018 - 12/31/2018	1/1/2019 - 6/31/2019		ı
Date Date	Date Date	Date Date	Date Date	Date Date
24.0	24.0	24.0	24.0	24.0
25.00% Factor First Period	50.00% Escalation Factor Second Period	25.00% Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period
	ESCALA	ESCALATION PER YEAR Year 6 through 10	rough 10	
- Date	- Date Date	Date	Date Date	- Date
24.0	24.0	24.0	24.0	24.0
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eignth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period
The escal	The escalation factor for this project is:	: 100.00%	ı	

RR-16-4265 Contract No.:

6/1/2017 Date:

Escalation Factor:_

Consultant:

100.00%

SCIGON Solutions, Inc.

(From Exhibit C-1)

Estination Pourly Rate Hourly Rate H
\$20.00
\$20.00

Realty Specialists

Admin/Clerical

Intern

\$70.00 \$70.00 \$20.00 \$40.00

\$8.25

\$8.25 \$20.00

\$60.00 \$50.00

\$25.00

Senior Technical Specialist

2 £ S 2 운 운

Technical Specialist

Architect

\$15.00 \$30.00

Contract No.:	RR-16-4265	Consultant:	SCIGON Solutions, Inc.

Date: 6/1/2017

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		Joel Middleton	\$40 - \$70
Senior Engineer/Planner			\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner□			\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist			\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40
		<u> </u>	
		<u> </u>	

Contract No.:	RR-16-4265	Consultant: _	SCIGON Solutions, Inc.
		EXHIBIT D	
	REIMBURSABLE DIR	ECT COSTS - WORKSH	EET ESTIMATES
A.	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/En		
В.	ALLOWABLE DIRECT COST: http://www.illinoistollway.com/d OLLWAY XX ALLOWABLED	ocuments/10157/2389762/1	
C.	ITEMIZED DIRECT COSTS - I Allowable Direct Costs list, w from the Chief Engineer prior	vritten permission must be	e received
	DIRECT COST CATEGORY		
	None		
		·	

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 15,013.00

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

Actual Cost

Actual Cost

Actual Cost

Actual Cost

Actual Cost

Actual Cost

Specialized equipment – on an as needed basis with prior

approval

Traffic Systems

Storm sewer cleaning and televising

Traffic control and protection

Aerial photography and mapping Utility exploratory trenching

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	KK-10-4205	_ Consultant:	SCIGON Solutions, Inc.	
	E	XHIBIT E - KEY PROJECT PER	RSONNEL	
Project Prin	cipal:			
Project Man	ager:			
Project Eng	ineer:			
Resident En	ngineer:			
Documenta	tion Engineer:			
Project Civi	l Engineer:			
	ctural Engineer:			
	nage Engineer:			
Senior Engl			:	
Others:	Name:			
Others.	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			

EXHIBIT F

Contract No. RR-16-4265 SCIGON Solutions, Inc. SCOPE OF SERVICES

Assist in Design Corridor Managment and Design Section Engineer fiber optic and IT coordination tasks or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265 SCIGON Solutions, Inc.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Supp	(Including all plementals and a Work Orders)	e Remaining Be Earned	Estimated Date of Completion
RR-10-9973 Co	onsulting Engineer Services: Fiber Optic	\$	485,718.33	\$ 131,934.91	5/26/2017

Contrac	t No.: <u>RR-16-4265</u>		•	Consulta	nt:s	CIGON Solutions, Inc)
			EXHIBIT H - SER	VICES B	Y OTHERS		
Exhibits	s A-G must he submitted	l for each sub	concultant listed b	olove if		a llCambaa ba O	41
	s A-G must be submitted inc	lude Exhibit H	and attach Exhibit	ts A-G fo	a subconsultant require r second tier subconsu	es "Services by O Itants.	tners", tney mu
BE/MBE	E/WBE SUBCONSULTAN						
1				6 _		·	<u>—</u>
	Direct Labor				Direct Labor		
	Direct Costs				Direct Costs	<u> </u>	<u> </u>
	Services by Others		<u> </u>		Services by Others	\$ -	
	Additional Services **		_ _		Additional Services **	<u> </u>	
	Total this Subconsultant (ULC)		_\$		Total this Subconsultant (UL	.C)	\$
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 (UL	.c)	\$ -
3							
	Direct Labor			• _	Direct Labor		_
	Direct Costs	\$ -	<u> </u>		Direct Costs	\$ -	
	Services by Others	\$ -			Services by Others	\$ -	
	Additional Services **	\$ -			Additional Services **	<u> </u>	
	Total this Subconsultant (ULC)		 \$-		Total this Subconsultant (UL	C)	 s -
					(Salara Cara Cara Cara Cara Cara Cara Cara	-,	
	Pinadlaha		_	9 _			
	Direct Labor	Α			Direct Labor		
	Direct Costs	<u>\$</u> -	_		Direct Costs	\$ -	
	Services by Others	-	<u> </u>		Services by Others	\$ -	
	Additional Services **	<u>\$</u> -			Additional Services **	<u>\$ -</u>	
	Total this Subconsultant (ULC)		<u> </u>		Total this Subconsultant (UL	C)	\$ -
				10			
	Direct Labor		 -	- <u>-</u>	Direct Labor		

** Additional services funds require prior authorization befor	e 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):

Direct Costs

Services by Others

Additional Services **

Total this Subconsultant (ULC)

Direct Costs

Services by Others

Additional Services **

Total this Subconsultant (ULC)

Proi	iect	NΛ

		RR-1	6-42	65
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SCIGON Solutions, Inc.

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	R SUBCONSULTANTS (<u>NO</u>)	DBE/MBE/WBE)					
1 -	Direct Labor		_ _	6 _	Direct Labor		-
	Direct Costs		_		Direct Costs	\$ -	_
	Services by Others		_		Services by Others	\$ -	_
	Additional Services **		_		Additional Services **	\$ -	-
	Total this Subconsultant (ULC)				Total this Subconsultant (ULC)		<u> </u>
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)		<u> </u>
3 _				8			
	Direct Labor	\$ -			Direct Labor	\$ -	_
	Direct Costs	\$ -	_		Direct Costs	<u> </u>	_
	Services by Others	\$ -	_		Services by Others	\$ -	
	Additional Services **	<u> </u>	<u>-</u>		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)		<u> </u>		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)		<u> </u>		Total this Subconsultant (ULC)		\$ -
Addition	nal services funds require prior author	Ization before use			TOTAL Non-DBE/MBE/M	/BE Subconsultants	: <u>\$</u>

** Additional services funds require prior authorization before us	*	* Ad	ditional	services	funds	require	prior	authorization	before	us
--	---	------	----------	----------	-------	---------	-------	---------------	--------	----

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

 Consultant Name:
 SE3, LLC

 Contract Number:
 RR-16-4265

 Proposal Date:
 6/1/2017

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

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

Consultant:	
RR-16-4265	
Contract Number:	

SE3, LLC

					2	IMAIE	EXHIBIT A: ESTIMATED TASK WORK HOURS	5	SADO	Grand Total Exhibit A Hours	Exhibit	A Hours	51.547
					Z	NTHS of	MONTHS of YEAR 2017						TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM Services							989	680	089	989	089	680	4080
	300												
TOTALS							089	089	089	089	089	989	4080

	•	TOTAL		9965										9965
	•) 	096										096
SE3, LLC			Nov	096										096
SE3,			Oct	096										096
	URS		Sep	096							-		1	096
	EXHIBIT A: ESTIMATED TASK WORK HOURS	<u>s</u>	Aug	096										096
Consultant:	TASK W	MONTHS of YEAR 2018	Juc	096										096
Cons	IMATED	THS of	Jun	805										805
	T A: EST	MOM	May	089										089
	EXHIBI		Apr	089										089
			Mar	980										089
265			Feb	680										980
RR-16-4265			Jan	089										089
Contract Number:	-	_	Ϋ́	DCM Services										ALS
Con			TASK	DCM										TOTALS

Contract Number:	RR-16	RR-16-4265				S	Consultant:			SE3	SE3, LLC		
	_			EXHIB	IT A: ES'	TIMATED	TASKV	EXHIBIT A: ESTIMATED TASK WORK HOURS	OURS				
					MO	MONTHS of YEAR 2019	YEAR 20	19					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Juc	Aug	Sep	Oct	Nov	Dec	
DCM Services	096	096	096	096	096	096	096	862	. 989	089	980	980	10302
					_								
The state of the s													
	1												
TOTALS	096	096	096	096	096	096	090	862	680	CBC	089	Uas	40300
	1.7		.,,,,		• • • • • • • • • • • • • • • • • • • •	•	•	100	֭֭֭֭֭֭֭֭֭֭֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֡֓֓֓֓֓֡֓֓֡	200	-225		- 71 M. M. M.

Contract Number:	RR-16	RR-16-4265				S	Consultant:			SE3	SE3, LLC		
	_			EXH	SIT A: ES	STIMATEI	D TASK \	EXHIBIT A: ESTIMATED TASK WORK HOURS	OURS				
					MO	MONTHS of YEAR 2020	YEAR 20	020					TOTAL
IASK	Jan	Fe	Mar	Apr	May	unf	Juc	Aug	Sep	Oct	Š	Dec	
DCM Services	980	980	089	089	089	089	089	089	989	980	989	680	8160
												3	2010
												2	
												-	
										!			
TOTALS	089	980	089	680	980	680	680	Ogg	000	000	000	300	0070
					,	200	25	200	200	000	000	280	8160

Contract Number:	RR-16-4265	4265				Co	Consultant:			SE3	SE3, LLC		
	_			EXHIB	IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASKV	VORK HO	OURS			•	•
					W	MONTHS of YEAR 2021	YEAR 20	121					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	deS	Oct	Nov	Dec	
DCM Services	089	089	089	089	089	089	089	089		089	089	089	8160
TOTALS	089	089	089	989	980	989	089	989	089	089	089	980	8160

Contract Number:	RR-16-4265	-4265				Con	Consultant:			SE3	SE3, LLC		
				ЕХНІВ	IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS	TASKV	VORK HC	ours				
			1		W	MONTHS of YEAR 2022	YEAR 20	22					TOTAL Hours
TASK	Jan	Feb	Mar	Apr	May	unf	luc	Aug	Sep	Oct	Nov	Dec	
DCM Services	089	089	980	989	0 <u>8</u> 9	089	089	989	089	089	089	089	8160
The state of the s													
TOTALS	680	680	SAO.	089	680	089	089	680	065	089	1005	005	0460

Contract Number:	RR-16	RR-16-4265				ပ္ပ	Consultant:			SE	SE3, LLC		
	-			EXHIE	EXHIBIT A: ESTIMATED TASK WORK HOURS	TIMATE) TASK	VORK H	ours				_
													1
		1	:		MO	MONTHS of YEAR 2023	YEAR 2	123					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM Services	089	089	089	680									2720
The Property and P													
1													
TOTALS	003		000	000									010
IOIALS	000	000	000	000									7/20

Contract No.: RR-16-4265	Consultant:	SE3, LL0	
EXHIB	IT B: FEE CALC	CULATIONS	
A. DIRECT LABOR (without overtime)			
Total Work Hours from Exhibit C-2)	\$ 51.29 (Average Hourly Rate from Exhibit C-2)	= TOTAL DIRECT SALARY	\$ 2,643,845.63
Multiplier to be used on this project:			2.80
Allowable Multiplier = (2.8 DSE) (2.4	5 or 2.8 CM) (2.5 PMC)	
DIRECT R	REGULAR SALA	RY TIMES MULTIPLIER	\$ 7,402,767.76
B. REIMBURSABLE DIRECT COSTS NOT (For Prime Consultant listed above.)	ELIGIBLE FOR	PROFIT TOTAL DIRECT COSTS	\$138,419.74
C. SERVICES BY OTHERS			
Total Allowable Fee DBE/MBE/WBE S	subconsultant (from E	Exhibit H) _\$ -	
Total Allowable Fee Non-DBE/MBE/WBE Subcon	sultant (from Exhibit	H (cont)) \$ -	•
		TOTAL SERVICES BY OTHERS	<u> </u>
D. ADDITIONAL SERVICES (Prime Consultant) ADDITIONAL SERVICES (Subconsultants)	(Req	uires prior authorization before use)	
	(Req	uires prior authorization before use)	
	(Req	TOTAL ADDITIONAL SERVICES uires prior authorization before use)	
E. MAXIMUM ALLOWABLE FEE (Upper Limit	of Compensation)		\$ 7,541,187.50

- 12/31/2021 Escalation Factor Tenth Period 17.14% Escalation Factor Fifth Period Date Date 12.0 70.0 70.0 1/1/2021 Date Date SE3, LLC - 12/31/2020 17.14% Escalation Factor Fourth Period **Escalation Factor Ninth Period** Date Date EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE No. OF MONTHS 12.0 70.0 70.0 1/1/2020 **ESCALATION PER YEAR Year 6 through 10 ESCALATION PER YEAR Year 1 through 5** Date Date Consultant: - 12/31/2019 Escalation Factor Eighth Period 17.14% Escalation Factor Third Period Date Date 7/1/2017 1/1/2018 12.0 70.0 70.0 2 %0 1/1/2019 Date Date SCHEDULED START DATE: RAISE DATE: CONTRACT TERM: PERCENT OF RAISE: - 12/31/2018 4/30/2023 17.14% Escalation Factor Second Period Date 12.0 70.0 70.0 4.0 1/1/2018 1/1/2023 Date Date RR-16-4265 6/1/2017 - 12/31/2017 - 12/31/2022 17.14% Escalation Factor Sixth Period Date 8.57% Factor First Period 70.0 12.0 70.0 Contract No.: 6.0 Date: 7/1/2017 1/1/2022 Date Date

100.00%

The escalation factor for this project is:

Contract No.:

RR-16-4265

6/1/2017

Date:

Consultant:

SE3, LLC

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

DIRECT COST OVERTIME PREMIUM	Total d O/T ours:	ge)/T te:	ne m:	Estimated Overtime Hours (Overtime Hours Only) to (See Note D to Right)														
DIRE	Total Estimated O/T Hours:	Average Premium O/T Hourly Rate:	Total Overtime Premium:	Escalated Average Premium Overtime Hourly Rate (See Note C to														
	51,547.00	\$51.29	\$2,643,845.63	Estimated Work Hours (including Overtime)	160.00	10,870.00	11,353.00		13,828.00	9,162.00		-	3,574.00				2,600.00	
RATES	Total Estimated Work Hours:	Average Hourly Rate:	Total Direct Labor_	Average Average Hourly Rate for for Classification (See Note B to Right)	\$70.00	\$70.00	\$56.97		\$49.71	\$33.17			\$46.33				\$26.25	
HOURS AND				Average Hourly Rate for Classification (See Note A to Right)	\$70.00	\$70.00	\$56.97		\$49.71	\$33.17			\$46.33				\$26.25	
TION MAN-H				Tollway MAXIMUM Hourly Rate for Classification	\$70.00	\$70.00	\$70.00	\$70.00	\$60.00	\$40.00	\$60.00	\$60.00	\$50.00	\$70.00	\$70.00	\$20.00	\$40.00	
CLASSIFICA				Tollway MINIMUM Hourly Rate for Classification	\$50.00	\$40.00	\$40.00	\$40.00	\$25.00	\$20.00	\$20.00	\$25.00	\$15.00	\$30.00	\$20.00	\$8.25	\$8.25	
EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES				Tollway Classification	Principal	Project Manager	Senior Engineer/Planner	Resident Engineer	Project Engineer/Planner□	Staff Engineer/Planner	Engineer /Accountant	Senior Technical Specialist	Technical Specialist	Architect	Realty Specialists	Intern	Admin/Clerical	
				Classification Eligible for Premium Overtime?	S.	No	No	No	No	No	No	No	No			º Bl	² Γ "1'	"

Version 14

Contract No.: RR-16-4265 Consultan	t:SE3, LLC
------------------------------------	------------

Date: 6/1/2017

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	Stewart, Vernal	\$50 - \$70
Project Manager	Senior Project Manager	Martin, Jason	\$40 - \$70
		Kumapley, Raymond	
		Scifers, Brian K.	
44 ·		Gauntt, Matt	
Senior Engineer/Planner	Project Manager	Keslinke, Keith L.	\$40 - \$70
		Schuessler, Steve M.	
Resident Engineer			\$40 - \$70
Project Engineer/Planner□	Project Engineer	Bennett, David W.	\$25 - \$60
		Dixit, Saurabh V.	
		Doerrer, Ryan R.	
		Moline, Adam R.	
		Wade, Greg T.	
		White, Dan G.	
Staff Engineer/Planner	Staff Engineer	Cho, Stanley Y.	\$20 - \$40
		Columbia, Emily J.	
		Havlovic, Nicholas S.	
		Perry, Evelina	
		Snow, Brooke A.	
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist	Technician	Johnson, Steven V.	\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Administrative Assistants	Carlson, Nancy J.	\$8.25 - \$40
		Corrello, Pamela A.	
		Martin, Kristen M.	
		Clocuh, Sandra O.	

Contract No.:	RR-16-4265	Consultant:	SE3, LLC
		EXHIBIT D	
	REIMBURSABLE DIR	ECT COSTS - WORKS	HEET ESTIMATES
A.	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/Em		
В.	ALLOWABLE DIRECT COSTS http://www.illinoistollway.com/de OLLWAY XX ALLOWABLEDI	ocuments/10157/2389762	
C.	ITEMIZED DIRECT COSTS - F Allowable Direct Costs list, w from the Chief Engineer prior	ritten permission must <mark>k</mark>	be received
	DIRECT COST CATEGORY		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 138,419.74

10.01.2013

State Rate (Maximum)

Actual Cost

Actual Cost

Actual Cost

Actual Cost

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

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	

Traffic Systems Actual Cost Storm sewer cleaning and televising **Actual Cost** Traffic control and protection **Actual Cost** Aerial photography and mapping

inspection such as beam breaks, cylinder breaks,

Equipment rental specific for project (snooper for bridge

Specialized equipment – on an as needed basis with prior

pavement cores)

approval

inspection, noise meter, etc.)

Actual Cost Utility exploratory trenching

- *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.:	RR-16-4265	Consultant:	SE3, LLC
	Ē	EXHIBIT E - KEY PROJECT PERSONNEL	
Project Princip	al:		
Project Manage	er:		
Project Engine	er:		
Resident Engir	neer:		
Documentation	n Engineer:		
Project Civil Er	ngineer:		
Project Structu	ıral Engineer:		
Project Draina	ge Engineer:		
Senior Enginee	er:		
Others:	Name:	Keith L. Keslinke	
	Classification:	Construction Engineer	<u> </u>
	Name:		
	Classification:		
	Name:		
	Classification:		
	Name:		
	Classification:		

EXHIBIT F

Contract No. RR-16-4265

SE3, LLC

SCOPE OF SERVICES

Assist in Design Corridor Management, and Design tasks such as ITS, erosion control, structural, utilities, permitting and local agency coordination or other tasks as assigned by AECOM or other technical tasks as directed by the Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

SE3, LLC

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Fee (Including all Supplementals and Extra Work Orders)	Fee Remaining To Be Earned	Estimated Date of Completion
RR-10-9973	Illinois Tollway, GEC Contract	\$6,075,077.98		
PTB 159/11	IDOT, US 45 from IL 132 to Washington St.	ГВD		
P-91-495-12	IDOT, Phase I Various Geometrics Program Mar	\$391,277.15		
P-91-346-15	IDOT, Phase I Various Geometrics Program Mar	\$34,738.00		
D-91-008-14	IDOT, IL 47 from Charles Road to North of IL Roll	TBD .		
MO-12-1237	Illinois Tollway, Pavement Management Services			
I-13-4613	Illinois Tollway, Elgin-O'Hare CUR, CM			
D-91-104-14	IDOT, Phase II Various-Various			
P-91-119-14	IDOT, Various/ Various Phase 1			
RR-13-4153	Illinois Tollway, Const Upon Request			
I-11-4017	Illinois Tollway, I-90 Recon from IL 53 to Higgins F	Road		

Contract No.:	RR-16-4265	_ Consultant:	SE3, LLC	
		EXHIBIT H - SERVICES BY OTHERS		

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

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

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

P	roi	ect	No.	

80	40	4265

Consultant:	SE3, LLC	
- Cilcuitait	020, 220	

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.

Direct Labor	****	_			Direct Labor	V	
Direct Costs					Direct Costs	\$ -	_
Services by Others					Services by Others	\$ -	
Additional Services **		_			Additional Services **	\$ -	_
Total this Subconsultant (ULC)		_ \$	_		Total this Subconsultant (ULC)		_ ,
· · · · · · · · · · · · · · · · · · ·					roun and daboondalant (deco)		<u> </u>
				7 –			_
Direct Labor					Direct Labor	<u> </u>	_
Direct Costs		_			Direct Costs	\$ -	_
Services by Others					Services by Others	\$ -	
Additional Services **		_			Additional Services **	\$ -	
Total this Subconsultant (ULC)		\$	<u> </u>		Total this Subconsultant (ULC)		\$
		_		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)		— \$
					, ,		
		_		9 _			_
Direct Labor	\$ -	_			Direct Labor	<u>\$</u> -	_
Direct Costs	\$ -	_			Direct Costs	\$ -	_
Services by Others	\$ -	-			Services by Others	<u>\$</u> -	.
Additional Services **	\$ -	- .			Additional Services **	<u> </u>	
Total this Subconsultant (ULC)		_\$	-		Total this Subconsultant (ULC)		\$
···				10 _			
Direct Labor	<u> </u>				Direct Labor	\$ -	
Direct Costs	\$ -				Direct Costs	\$ -	<u> </u>
Services by Others	\$ -				Services by Others	\$ -	_
Additional Services **	\$ -	_			Additional Services **	\$ -	_
Total this Subconsultant (ULC)		\$	-		Total this Subconsultant (ULC)		\$

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:	Urban GIS, Inc.	·
Contract Number:	RR-16-4265	
Proposal Date:	6/1/2017	

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

		1,297	TOTAL HOURS			397												397
		\ Hours		Dec		47									***************************************			47
Urban GIS, Inc.		Exhibit A		Nov		20						***************************************	***************************************			***************************************		20
Urban (Grand Total Exhibit A Hours		Oct		20												20
	URS	Grai		Sep		50												20
	EXHIRIT A: ESTIMATED TASK WORK HOURS	! —	19	Aug		50	2								***************************************			20
Consultant:	TASKW		YEAR 20	Jul		50	200	-								***************************************	***************************************	50
Con	TIMATED		MONTHS of YEAR 2019	Jun	***************************************	20	3	***************************************				-						50
	T A· ES') 	<u>S</u>	May		50	5											20
	HX HX			Apr					0.000									
				Mar							***************************************			 				
55 Supp 1				Feb				***************************************		NAME AND DESCRIPTION OF THE PROPERTY OF THE PR		***************************************						
RR-16-426				Jan				-		***************************************								
Contract Number: RR-16-4265 Supp 1				TASK			DCM Services											TOTALS

Contract Number:	RR-16-4265	-4265				Con	Consultant:			Urban (Urban GIS, Inc.		
				EXHIB	IT A: ES	TIMATEC	EXHIBIT A: ESTIMATED TASK WORK HOURS	VORK H	OURS			•	'
					MOI	NTHS of	MONTHS of YEAR 2020	120					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
DCM Services	40	40	40	40	40	40	40	40	40	36	36	36	468
				2		2					3		
				,									
TOTALS	40	40	40	40	40	40	40	40	40	36	36	36	468

	אאן	C074-01-V				פֿ	Consultant:			Urban	Urban GIS, Inc.
	··			EXHIB	3IT A: ES	EXHIBIT A: ESTIMATED TASK WORK HOURS) TASK \	NORK H	ours		
					■	MONTHS of YEAR 2021	YEAR 20	021			
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
DCM Services	36	36	36	36	36	36	36	36	36	36	36
											i
TOTALS	36	36	36	36	36	36	36	36	36	36	36

TOTAL HOURS

Contract No.:	RR-16-4265	Consultar	nt:	Urban GIS,	Inc.	
	<u>EXH</u>	IBIT B; FEE C	ALCULAT	TIONS		
A. DIRECT LAB	OR (without overtime)					
	1,297.00 (Total Work Hours from Exhibit C-2)	X \$ 57. (Average Hot Rate from Ext C-2)	-	TOTAL DIRECT SALARY	<u> \$ </u>	74,188.40
	Itiplier to be used on this project Allowable Multiplier = (2.8 DSE)		PMO)			2.80
	DIRECT	ΓREGULAR S	ALARY TI	MES MULTIPLIER	\$	207,727.52
	BLE DIRECT COSTS NO or Prime Consultant listed above		FOR PRO	FIT		
				TOTAL DIRECT COSTS		\$7,734.98
C. SERVICES BY	OTHERS					
То	tal Allowable Fee DBE/MBE/WB	E Subconsultant (f	rom Exhibit F	I)_ \$	_	
Total Allowab	le Fee Non-DBE/MBE/WBE Sub	consultant (from Ex	chibit H (cont))_\$	-	
			тот	AL SERVICES BY OTHERS	\$	<u> </u>
D. ADDITIONAL	SERVICES (Prime Consulta				_	
ADDITIONAL	SERVICES (Subconsultants	s)		ior authorization before use) ior authorization before use)	_	
				AL ADDITIONAL SERVICES ior authorization before use)	\$	•
E. MAXIMUM AL	LOWABLE FEE (Upper Li	mit of Compensatio	on)		\$	215,462.50

Urban GIS, Inc.		ш							Date Date Date	32.0	rth Period Escalation Factor Fifth Period		Date Date	32.0	th Period Escalation Factor Tenth Period	
Consultant:		EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	32 No. OF MONTHS	5/1/2019	1/1/2020	%0	ESCALATION PER YEAR Year 1 through 5	21 - 12/31/2021		32.0 32.0	37.50% Escalation Factor Fourth Period	ESCALATION PER YEAR Year 6 through 10	- Date Date	32.0 32.0	Escalation Factor Ninth Period Escalation Factor Ninth Period	400 00%
RR-16-4265 Supp 1	6/1/2017	EXHIBIT C-1: PAYROL	CONTRACT TERM:	SCHEDULED START DATE:	RAISE DATE:	PERCENT OF RAISE:	ESCALATION F	1/1/2020 - 12/31/2020 1/1/2021	Date Date Date	32.0	37.50% Escalation Factor Second Period Esca	ESCALATION P	Date Date Date	32.0	Escalation Factor Seventh Period Escal	
Contract No.: RR-16-42	Date: 6/1//							5/1/2019 - 12/31/2019	Date Date	32.0	25,00% Factor First Penod		- Date Date	32.0	Escalation Factor Sixth Period	F

Urban GIS, Inc.

Version 13

Contract No.:

RR-16-4265

6/1/2017

Date:

Consultant:

Urban GIS, Inc.

Escalation Factor:_

100.00%

	DIRECT COST OVERTIME PREMIUM	Total ted O/T Hours:	Average nium O/T rly Rate:	rtime ium:		C to (See Note D to Right)													
	OVER	Total Estimated O/T Hours:	Average Premium O/T Hourly Rate:	Total Overtime Premium:	Escalated Average Premium Overtime Hourly Rate	(See Note C to Right)													
(From Exhibit C-1)		1,297.00	\$57.20	\$74,188.40	Estimated Work Hours	(Including Overtime)		135.00						415.00	747.00				
	RATES	Total Estimated Work Hours:	Average Hourly Rate:	Total Direct Labor	Escalated Average Hourly Rate for Classification	(See Note A to (See Note B to Right)		\$65.00						\$60.00	\$54.24				
	HOURS AND				Average Hourly Rate for Classification	(See Note A to Right)		\$65.00						\$60.00	\$54.24				
	TION MAN-				Tollway MAXIMUM Hourly Rate	for Classification	\$70.00	\$70.00	\$70.00	\$70.00	\$60.00	\$40.00	\$60.00	\$60.00	\$50.00	\$70.00	\$70.00	\$20.00	\$40.00
	CLASSIFICA				Tollway MINIMUM Hourly Rate	for Classification	\$50.00	\$40.00	\$40.00	\$40.00	\$25.00	\$20.00	\$20.00	\$25.00	\$15.00	\$30.00	\$20.00	\$8.25	\$8.25
	EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES					Tollway Classification	Principal	Project Manager	Senior Engineer/Planner	Resident Engineer	Project Engineer/Planner□	Staff Engineer/Planner	Engineer /Accountant	Senior Technical Specialist	Technical Specialist	Architect	Realty Specialists	Intern	Admin/Clerical
		W			Classification Eligible for	Premium Overtime?	No	S.	No	No	No	No	No.	No	S _N	₽ EX	₽ HII	No	ع "1"

Rev. 6/2016

Date: 6/1/2017

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	Alan Hobscheid	\$40 - \$70
Senior Engineer/Planner			\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner□			\$25 - \$60
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist	Senior GIS Analyst	Chris Nimmo	\$25 - \$60
Technical Specialist	GIS Technician	Kathryn Juliano	\$15 - \$50
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical			\$8.25 - \$40
			·

Contract No.:	RR-16-4265	Consultant:	Urban GIS, Inc.
		EXHIBIT D	
	REIMBURSABLE DI	RECT COSTS - WORKSHI	EET ESTIMATES
A .	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/E		
В.	ALLOWABLE DIRECT COST http://www.illinoistollway.com/ OLLWAY XX ALLOWABLED	documents/10157/2389762/12	<u>2 LG T</u> <u>DF</u>
C.	ITEMIZED DIRECT COSTS - Allowable Direct Costs list, from the Chief Engineer price	written permission must be	received
	DIRECT COST CATEGORY		
	None		
	· · · · · · · · · · · · · · · · · · ·		
			

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

\$ 7,734.98

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
and the second s	

Actual Cost

Utility exploratory trenching

- *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.	.: <u>RR-16-4265</u>	Consultant:	Urban GIS, Inc.	
	<u>E</u>)	XHIBIT E - KEY PROJECT PERS	ONNEL	
Project Princ	cipal:			-
Project Mana	ager:			
Project Engi	neer:			
Resident En	gineer:			·
Documentati	ion Engineer:			
Project Civil	Engineer:			
Project Struc	ctural Engineer:			
Project Drair	nage Engineer:			
Senior Engin	neer:			
Others:	Name:			
	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			

EXHIBIT F

Contract No. RR-16-4265 Urban GIS, Inc. SCOPE OF SERVICES

GIS support services, as requested ,or other tasks as assigned by AECOM or other technical tasks as requested by

the Illinois Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

Urban GIS, Inc.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.	Work Scope & Description of Project	Su	ee (Including all pplementals and tra Work Orders)		Remaining Be Earned	Estimated Date of Completion
	CTA corridor study	\$	61,695.00	\$	21,783.00	10/1/2017
	RTA study	\$	31,864.00	\$	20,766.00	12/1/2017
	US Navy pavement assessment		\$521,713.00	\$3	52,589.00	1/1/2018
	Water Department asset management	\$	38,363.90	\$	32,225.67	4/1/2018
	Airport GIS services	\$	52,936.00	\$	40,513.00	3/1/2018
	Chicago GIS services	\$	295,195.00	\$	290,000.00	

			EVUIDIT II ATTU			
			EXHIBIT H - SERVIC	ES BY OTHERS		
nib	ts A-G must be submitted	d for each sub	consultant listed below	w. If a subconsultant requires	"Services by Oti	ners", they
			i and attach Exhibits A	-G for second tier subconsult	ants.	
/ME	BE/WBE SUBCONSULTAI	NTS				
				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		 \$
				•	•	
	Direct Labor		······	7		_
	Direct Costs			Direct Labor		_
	Services by Others			Direct Costs	\$ -	
	Additional Services **			Services by Others	\$ -	_
	Total this Subconsultant (ULC)		 \$ -	Additional Services **	<u> </u>	-
	(-20)			Total this Subconsultant (ULC)		_\$
	Plantan		<u> </u>	8		_
	Direct Labor			Direct Labor		_
	Direct Costs	\$ -		Direct Costs	\$	_
	Services by Others Additional Services **	\$ -		Services by Others	\$	_
		<u>\$</u>		Additional Services **	_\$	_
	Total this Subconsultant (ULC)		<u>\$</u>	Total this Subconsultant (ULC)		\$
			<u></u>	9		-
	Direct Labor			Direct Labor		_
	Direct Costs	\$		Direct Costs	\$ -	_
	Services by Others	_\$	_	Services by Others	\$ -	_
	Additional Services **	_\$	_	Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		<u> </u>	Total this Subconsultant (ULC)		\$
			4			
	Direct Labor		'	Direct Labor		-
	Direct Costs	\$ -		Direct Labor Direct Costs	•	-
	Services by Others	\$ -		Services by Others	<u>\$ -</u> _\$ -	
	Additional Services **	\$ -		Additional Services **	<u> </u>	-
	Total this Subconsultant (ULC)			Total this Subconsultant (ULC)		- •
	·/			Total tine Subconsultant (ULC)		<u> </u>

TOTAL DBE/MBE/WBE Subconsultants:	\$ <u>•</u>
L 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):

P	roi	ec	: †	N	n.

RR-16-4265	1_496E	DD_1

Consultant:	Urban GIS, Inc.
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EXHIBIT H - SERVICES BY OTHERS (continued)

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

ier su	BCONSULTANTS (<u>NO</u>	DBE/MBE/WBE	()					
	Direct Labor		_	6 -	Direct Labor		_	
D	Direct Costs		_		Direct Costs	\$ -		
S	ervices by Others		_		Services by Others	\$ -	_	
A	Additional Services **		-		Additional Services **	\$ -	_	
т	otal this Subconsultant (ULC)		\$		Total this Subconsultant (ULC)		 \$	
				7				
D	irect Labor		-	′ -	Direct Labor	\$ -	_	
D	lrect Costs				Direct Costs	\$ -		
s	ervices by Others		_		Services by Others	\$ -	_	
A	dditional Services **	-			Additional Services **	\$ -	_	
T	otal this Subconsultant (ULC)		 \$ -		Total this Subconsultant (ULC)		- 🔭	
	, ,				i otali this Subconsultant (ULC)		_\$	
	lrect Labor		_	8 _			_	
		\$ -	_		Direct Labor	\$	_	
	irect Costs	<u> </u>	_		Direct Costs	_\$	_	
	ervices by Others	\$			Services by Others		_	
	dditional Services **		_		Additional Services **	\$ -	_	
To	otal this Subconsultant (ULC)		\$ -		Total this Subconsultant (ULC)	•	\$	
			_	9 _				
Di	rect Labor	_\$	_		Direct Labor	\$ -	_	
Di	rect Costs		_		Direct Costs	\$ -	_	
Se	ervices by Others	<u>\$</u>	_		Services by Others	\$ -	_	
Ac	iditional Services **	\$ -	_		Additional Services **	\$ -	_	
To	otal this Subconsultant (ULC)		\$ -		Total this Subconsultant (ULC)		- _\$	
				10				
Di	rect Labor	\$ -	_	_	Direct Labor	\$ -	-	
Di	rect Costs	\$	_		Direct Costs	\$ -	_	
Se	rvices by Others	\$	_		Services by Others	\$ -	_	
Ad	ditional Services **	<u>\$</u>	_		Additional Services **	\$ -	-	
То	tal this Subconsultant (ULC)		\$ -		Total this Subconsultant (ULC)			
nal serv	vices funds require prior authori	zation before use			TOTAL Non-DBE/MBE/W	/BE Subconsultants:	: \$	
			TOT	'AI & J-184				
			101	AL AGGILI	onal Services Non-DBE/MBE/W	שב Subconsultants:	: S	

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

Contract Information Sheet

Consultant Name: Wang Engineering, Inc.

Contract Number: RR-16-4265

Proposal Date: 6/1/2017

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

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?

Version 13

Contract Number: RR-16-4265 (Supp1)

Consultant:

Wang Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

									Gra	nd Total	Grand Total Exhibit A Hours	A Hours	1,807
													TOTAL
					S	NTHS of	MONTHS of YEAR 2018	018					HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	***************************************			***************************************									

DCM Services	***************************************	***************************************						40	40	4	8	40	200

			7777										

			***************************************			-							

		-											
								-					
TOTALS								40	40	40	40	40	200

Contract Number:	RR-16-4265	4265				ဝ	Consultant:		>	Wang Engineering, Inc.	neering, l	ЛС.	
				EXHI	EXHIBIT A: ESTIMATED TASK WORK HOURS	TIMATE	D TASK	NORK H	OURS			•	
						MONTUS of VEAD 2010	VEAD	5					TOTAL
TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2001
DCM Services	40	40	40	40	40	80	80	08	80	80	80	80	09/
					:								
													-
,													
					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
										:			
TOTALS	40	40	40	40	40	80	80	80	80	80	08	80	760

Contract Number:	RR-16	RR-16-4265				S	Consultant:		>	Vang Engi	Wang Engineering, Inc.	nc.	
	_			EXHIE	SIT A: ES	TIMATE	D TASK \	EXHIBIT A: ESTIMATED TASK WORK HOURS	OURS			•	
					MO	NTHS of	MONTHS of YEAR 2020	020					TOTAL HOURS
TASK	Jan	Feb	Mar	Apr	May	Jun	Juľ	Aug	Sep	Oct	Νον	Dec	
Soli - So													
DCM Services	80	80	80	80	80	08	80	80	80	47	40	40	847

- Andrews													
The state of the s													
TOTALS	80	80	80	80	8	8	80	8	8	47	40	40	847
)

Contra	ct No.: RR-16-4265	Consultant: _	Wang	Engineering, Inc.	
	EXHIE	BIT B: FEE CALC	ULATIONS		
A. DIR	ECT LABOR (without overtime)				
	1,807.00 X (Total Work Hours from Exhibit C-2)	(Average Hourly Rate from Exhibit C-2)	= TOTAL DIREC	CT SALARY \$	72,767.89
	Multiplier to be used on this project:				2.80
	Allowable Multiplier = (2.8 DSE) (2	2.5 or 2.8 CM) (2.5 PMO))		
	DIRECT	REGULAR SALA	RY TIMES MULTIF	PLIER \$	203,750.09
B. RE	MBURSABLE DIRECT COSTS NO (For Prime Consultant listed above.)		PROFIT		
			TOTAL DIREC	CT COSTS	\$11,712.41
C. SEI	RVICES BY OTHERS				
	Total Allowable Fee DBE/MBE/WBE	Subconsultant (from E	xhibit H) _\$	<u>-</u>	
	Total Allowable Fee Non-DBE/MBE/WBE Subco	onsultant (from Exhibit	H (cont))\$.=	
			TOTAL SERVICES BY	OTHERS \$	-
D. ADI	DITIONAL SERVICES (Prime Consultan	•			
ΔDI	NITIONAL SERVICES (Subconsultants)	(Requ	ires prior authorization b	pefore use)	
ADI		(Requ	uires prior authorization b	pefore use)	
			TOTAL ADDITIONAL S		
		(Requ	ires prior authorization b	pefore use)	
E. MA	(IMUM ALLOWABLE FEE (Upper Lim	it of Compensation)		\$	215.462.50

Contract No.: RR-	RR-16-4265	Consultant:		Wang Engineering, Inc.
Date: 6/	6/1/2017			
	EXHIBIT C-1: F	EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE	SCALATION TABLE	
	CONTRACT TERM:	29	No. OF MONTHS	
	SCHEDULED START DATE:	8/1/2018		
	RAISE DATE:	1/1/2019		
	PERCENT OF RAISE:	%0		
	ESCALA	ESCALATION PER YEAR Year 1 through 5	hrough 5	
8/1/2018 - 12/31/2018	1/1/2019 - 12/31/2019	1/1/2020 - 12/31/2020		•
Date Date	Date Date	Date Date	Date Date	Date Date
29.0	29.0	29.0	29.0	29.0
17.24% Factor First Period	41.38% Escalation Factor Second Period	41.38% Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period
	ESCALA.	ESCALATION PER YEAR Year 6 through 10	ırough 10	
	,	1	1	1
Date Date	Date Date	Date Date	Date Date	Date Date
29.0	29.0	29.0	29.0	29.0
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Fector Ninth Period	Escalation Fector Tenth Period
		٠.		
The esc	The escalation factor for this project is:			

RR-16-4265 Contract No.:

Consultant:

Wang Engineering, Inc.

6/1/2017 Date:

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

ASSIFICATION MAN-HOURS AND RATES OVERTIME PREMIUM	Total Total Estimated O/T Work Hours: 1,807.00 Hours:	Average Average Premium O/T Hourly Rate: \$40.27	Total Direct \$72,767.89 Premium:	Average Average Average Average Average Overtime Active for Classification Classification Right) Escalated Average Average Overtime Hours Fremium Hours F	0.00 \$70.00 \$70.00 13.00	0.00 \$65.78 \$65.78 78.00	0.00 \$65.78 \$65.78 221.00	0.00	0.00 \$39.19 \$39.19 715.00	0.00 \$28.33 \$28.33 415.00	0.00	0.00 \$60.00 \$60.00	0.00 \$27.25 \$27.25 260.00	0.00	0.00	0.00	0.00 \$35.89 \$35.89 40.00
S AND RATES	Total Estimated Work Hours:	Average Hourly Rate:	Total Direct Labor	Escalated Average Iy Rate Hourly Rate for for for for for flication Classification lote A to (See Note B to ght)												-	
SATION MAN-HOUR				Tollway MAXIMUM Hourly Rate for Classification	\$70.00	\$70.00	\$70.00	\$70.00	00.09\$ 00	\$40.00	\$60.00	00.09\$	\$50.00	\$70.00	\$70.00	\$20.00	\$40.00
1 71				Toliway MINIMUM Hourly Rate for Classification	\$50.00	\$40.00	\$40.00	\$40.00	\$25.00	\$20.00	\$20.00	\$25.00	\$15.00	\$30.00	\$20.00	\$8.25	\$8.25
EXHIBIT C-2: DIRECT LABOR CL				Tollway Classification	Principal	Project Manager	Senior Engineer/Planner	Resident Engineer	Project Engineer/Planner□	Staff Engineer/Planner	Engineer /Accountant	Senior Technical Specialist	Technical Specialist	Architect	Realty Specialists	Intern	Admin/Clerical
				Classification Eligible for Premium Overtime?	No	ON N	N _O	No	No	N _O	Š	S	No	£X	₽ HI	₽ BIT	8

Contract No.:	RR-16-4265	Consultant:	Wang Engineering, Inc.
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Date: 6/1/2017

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-in-Charge	Farez, Corina	\$50 - \$70
		lordache, Liviu	
Project Manager		Kothawala, Mohammed	\$40 - \$70
Senior Engineer/Planner	Senior Engineer/Project Manager	Kurnia, Andri	\$40 - \$70
		Seyhun, Metin	
		Syfert, Gregory	
Resident Engineer			\$40 - \$70
Project Engineer/Planner□	Project Engineer/Project Geologist	Balakumaran, Sivaneswary	\$25 - \$60
		Bista, Hemanta	
		Datz, Eric	
		Davis, Nathan	
		Gorlagunta, Ravi	
= .		KC, Ramesh	
		Hamad, Azza	
		Marin, Cornelia	
Staff Engineer/Planner	Project Assistant Engineer/Assistant	Bozga, Francisc	\$20 - \$40
		Foote, James	
		Ramunajan, Sai	
		Rowells, Jessica	
		Schmelzel, Michael	
		Tomaras, Anthony	
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist	QC/QA Reviewer	Snider, Mickey	\$25 - \$60
Fechnical Specialist	Laboratory Technician	lordache, Corina	\$15 - \$50
		Mohammed, Asifuddin	
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
ntern			\$8.25 - \$20
Admin/Clerical	Project Administrative Assistant	Davis, Chad	\$8.25 - \$40
		Toner, Daniel	

Contract No.	RR-16-4265	Consultant	Wang Engineering, Inc.
		EXHIBIT D	
	REIMBURSABLE DIR	ECT COSTS - WOR	KSHEET ESTIMATES
A.	VEHICLE REIMBURSEMENT http://www2.illinois.gov/cms/En		
В.	ALLOWABLE DIRECT COST: http://www.illinoistollway.com/d OLLWAY XX ALLOWABLED	locuments/10157/2389	762/12 LG T
C.	ITEMIZED DIRECT COSTS - I Allowable Direct Costs list, v from the Chief Engineer prio	vritten permission mu	ıst be received
	DIRECT COST CATEGORY		
	None		

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized)

Rev. 6/2016

11,712.41

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.

	Chata Data (Manimum)
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

- *website for State Reimbursement Rates <u>http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx</u>
- **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.:	RR-16-4265	Consultant	: Wang E	ngineering, Inc.
	<u>EX</u>	KHIBIT E - KEY PROJEC	T PERSONNEL	
Project Princip	al:			
Project Manage	er:			
Project Engine	er:			
Resident Engir	neer:			
Documentation	n Engineer:			
Project Civil E	ngineer:			
Project Structu	ıral Engineer:			
Project Draina	ge Engineer:			
Senior Engine	er:			
Others:	Name:			
	Classification:			
	Name:			
	Classification:			
	Name:			
	Classification:			
	Jiussinouusii.			
	Name:			
	Classification:			

EXHIBIT F

Contract No. RR-16-4265
Wang Engineering, Inc.
SCOPE OF SERVICES

Geotechnical services, as requested ,or other tasks as assigned by AECOM or other technical tasks as requested by the Illinois Tollway as part of this contract.

EXHIBIT G

Contract No. RR-16-4265

Wang Engineering, Inc.

CURRENT OBLIGATIONS FOR PROJECT

Route & Job No.

Work Scope & Description of Project

Fee (Including all Supplementals and Extra Work Orders)

Fee Remaining To Be Earned Estimated
Date of
Completion

tract	No.:RR-16-4265	_		Consultan	t: Wang E	ingineering, Inc.	
			EXHIBIT H - S	SERVICES BY	OTHERS		
ihite	A-G must be submitted	for each sub	consultant liste	ed below. If a	subconsultant requires "\$	Services by Oth	ers", they mu
IDIG	incl	ude Exhibit H	and attach Ex	hibits A-G for	second tier subconsultant	ts.	
MBE	/WBE SUBCONSULTAN	ITS					
			_	<u> </u>	Direct Labor		-
	Direct Labor				Direct Costs	\$ -	_
	Direct Costs		_		Services by Others	\$ -	_
	Services by Others Additional Services **				Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		 s -		Total this Subconsultant (ULC)		\$
	Total tills Subconsultant (SES)						
				7 _	B1		
	Direct Labor				Direct Labor	\$ <u>-</u>	_
	Direct Costs				Direct Costs	\$ -	_
	Services by Others		_		Services by Others Additional Services **	\$ -	_
	Additional Services **		_		Total this Subconsultant (ULC)		_ \$
	Total this Subconsultant (ULC)		<u>\$</u>		lotal this Subconstitutin (020)		
				8 _			
	Direct Labor				Direct Labor		_
	Direct Costs	\$	<u> </u>		Direct Costs	<u>\$</u>	_
	Services by Others	\$	<u> </u>		Services by Others	<u>\$</u> -	_
	Additional Services **	\$	<u>-</u>		Additional Services **		
	Total this Subconsultant (ULC)		\$	<u>- </u>	Total this Subconsultant (ULC)		3
				9 _			_
	Direct Labor				Direct Labor		_
	Direct Costs	\$	<u></u>		Direct Costs	<u> </u>	_
	Services by Others	\$	<u>. </u>		Services by Others	<u> </u>	
	A delistered Common #	•	_		Additional Services **	\$ -	

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

Additional Services **

Direct Labor

Total this Subconsultant (ULC)

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):

Total this Subconsultant (ULC)

Direct Labor

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

D-	-:-	-4	M-
FF	DIE	С	No.

Co		-14-	4-
1:0	nei	шта	nt.

Wang Engineering, Inc.

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.

_			<u> </u>	6			_
	Direct Labor	-	_		Direct Labor		_
	Direct Costs		_		Direct Costs	<u>\$</u> -	_
	Services by Others		_		Services by Others	\$	_
	Additional Services **		_		Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		<u> </u>		Total this Subconsultant (ULC)		\$
_			_	7 _			
	Direct Labor		_		Direct Labor	\$ -	_
	Direct Costs		_		Direct Costs	<u>\$</u>	_
	Services by Others				Services by Others	\$ -	_
	Additional Services **		_		Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		_\$		Total this Subconsultant (ULC)		\$
_			<u> </u>	8 _			_
	Direct Labor	\$ -	_		Direct Labor	\$ -	<u> </u>
	Direct Costs	\$ -	_		Direct Costs	\$ -	_
	Services by Others	\$ -	_		Services by Others	\$ -	_
	Additional Services **	\$ -			Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		\$ -		Total this Subconsultant (ULC)		\$
_			_	9 _			_
	Direct Labor	\$ -	_		Direct Labor	\$ -	
	Direct Costs	\$ -			Direct Costs	\$ -	
	Services by Others	\$ -			Services by Others	<u> </u>	_
	Additional Services **	\$ -	_		Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		<u> </u>		Total this Subconsultant (ULC)		\$
_			_	10 _			
	Direct Labor	\$ -		_	Direct Labor	<u> </u>	
	Direct Costs	\$ -			Direct Costs	\$ -	_
	Services by Others	\$ -	_		Services by Others	\$ -	_
	Additional Services **	\$ -	_		Additional Services **	\$ -	_
	Total this Subconsultant (ULC)		<u> </u>		Total this Subconsultant (ULC)		\$
iltic	nal services funds require prior author	rization before use			TOTAL Non-DBE/MBE/M	VBE Subconsultants	: \$
					ional Services Non-DBE/MBE/V		

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