

RESOLUTION NO. 21812

Background

The Illinois State Toll Highway Authority ("Tollway"), pursuant to Resolution No. 21360 approved September 28, 2017, entered into an Agreement with Strand Associates, Inc. on Contract I-17-4297 for Design Services, on the Tri-State Tollway (I-294) from Mile Post 22.3 (75th Street) to Mile Post 24.1 (I-55 Ramps).

Per Tollway request, Strand Associates, Inc. submitted a proposal to provide Supplemental Design Services for Contract I-17-4297, increasing the contract upper limit by \$708,500.00, from \$10,100,000.00 to \$10,808,500.00.

It is necessary and in the best interest of the Tollway to accept the proposal from Strand Associates, Inc.

Resolution

The Chief Engineering Officer is authorized to negotiate a Supplemental Agreement with Strand Associates, Inc. consistent with the aforementioned proposal to increase the contract upper limit by \$708,500.00, subject to the approval of the General Counsel. The Chairman or the Executive Director is authorized to execute the Agreement and the Chief Financial Officer is authorized to issue warrants in payment thereof.

Approved by:


Chairman

I-17-4297

Unified Certification Program - Search

Contractor Details

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

[Print](#)

**Ames Engineering,
Inc.**

Ahsan Siddiqi
6330 Belmont Road,
Suite 4B
Downers Grove, IL
60516

County: DuPage

Email: ahsan.siddiqi@amesengineeringinc.com

Phone: (630) 737-1987

Fax: (630) 470-9891

Categories: Architecture\Engineering

NAICS

541330-Engineering
Services

Speciality

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

I-17-4297

Unified Certification Program - Search

Contractor Details

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Print

Claassen, White & Associates, P.C. **Email:** rwhite@cwasurvey.com
Rhonda J. White **Phone:** (815) 744-3720
121 Airport Dr., Ut. 1 **Fax:** (815) 744-3752
Joliet, IL 60431

County: Will

Categories: Architecture\Engineering

NAICS	Speciality
541370-Surveying & Mapping (except Geophysical) Serv.	541370- SURVEYING

I-17-4297

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Contractor Details

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Print

Rubino Engineering, Inc.

Michelle A. Lipinski
425 Shepard Dr.
Elgin, IL 60123

County: Kane

Email: michelle.lipinski@rubinoeng.com

Phone: (847) 931-1555

Fax: (847) 931-1560

Categories: Architecture\Engineering, Professional

NAICS

541330-Engineering Services

541360-Geophysical Surveying & Mapping Services

541380-Testing Laboratories

Speciality

541330- QA PCC & AGGREGATE

QA HMA & AGGREGATE

541360- GENERAL

GEOTECHNICAL

SERVICES

STRUCTURE

GEOTECHNICAL

REPORTS

SUBSURFACE

EXPLORATIONS

541380- MISC: MATERIAL

TESTING

I-17-4297

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Contractor Details

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

[Print](#)

Wang Engineering, Inc. **Email:** pwang@wangeng.com

Paul Wang **Phone:** (630) 953-9928
1145 N. Main St. **Fax:** (630) 953-9938
Lombard, IL 60148

County: DuPage

Categories: Architecture\Engineering

NAICS

541330-Engineering Services
541360-Geophysical Surveying & Mapping Services

Speciality

541330- CONSTRUCTION INSPECTION
QA HMA & AGGREGATE
QA PCC & AGGREGATE
541360- STRUCTURE GEOTECHNICAL REPORTS
SUBSURFACE EXPLORATIONS
GENERAL GEOTECHNICAL SERVICES
COMPLEX GEOTECHNICAL/MAJOR FOUNDATION

I-17-4297

Unified Certification Program - Search

Contractor Details

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

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**Wynndalco
Enterprises, LLC**

David R. Andalcio
19081 Old LaGrange Rd.,
STE 106
Mokena, IL 60448-0000

County: Cook

Email: d.andalcio@wynndalco.com

Phone: 312-256-9090

Fax: 312-256-9091

Categories: Architecture\Engineering, Miscellaneous,
Professional

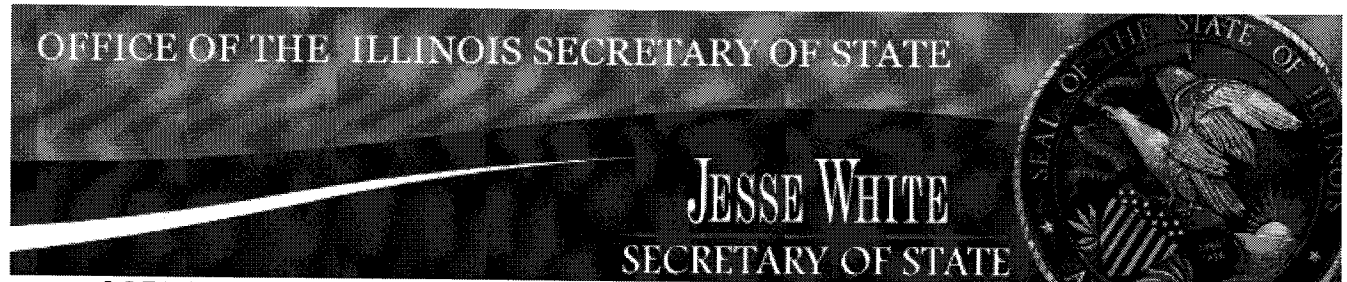
NAICS

493110 - General
warehousing and storage
541330 - Engineering
services
541512 - Computer Systems
Design Services
541614 - Process, Physical
Distribution, and Logistics
Consulting Services
561421 - Telephone
answering services
561422 - Telemarketing
Bureaus and Other Contact
Centers
811212 - Computer and
Office Machine Repair and
Maintenance

Speciality

493110 - Warehousing and
Storage, General
Merchandise
541330 - Engineering
Services
541512 - Information
Technology Deployment,
System Integration,
Information Technology
Training, Wireless Networks,
Information Technology
Project Management and
Database Development
541614 - Inventory Planning
and Control Management
Consulting Services
561421 - Emergency
Telephone Dispatch (i.e.
contractor) Services
561422 - Order Taking for
Clients Over the Internet
811212 - Office Machine
Repair an

J-17-4297



CORPORATION FILE DETAIL REPORT

File Number	54587961		
Entity Name	STRAND ASSOCIATES, INC.		
Status	ACTIVE		
Entity Type	CORPORATION	Type of Corp	FOREIGN BCA
Qualification Date (Foreign)	03/13/1987	State	WISCONSIN
Agent Name	DARCIE W GABRISKO	Agent Change Date	03/21/2003
Agent Street Address	1170 S HOUBOLT RD	President Name & Address	PHILIP E BUDDE 910 W WINGRA DR MADISON WI 53715
Agent City	JOLIET	Secretary Name & Address	MATTHEW S RICHARDS SAME
Agent Zip	60431	Duration Date	PERPETUAL
Annual Report Filing Date	03/11/2019	For Year	2019

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(One Certificate per Transaction)

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Saintil, Keisha

From: Saintil, Keisha
Sent: Wednesday, May 08, 2019 11:38 AM
To: Saintil, Keisha
Subject: I-17-4297/DD/Strand Associates, Inc./[REDACTED]

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 11:36 05/08/19

ACTION: S

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

DISCLAIMER:
AS OF 05/08/19 AT 11:37 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ** [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Saintil, Keisha

From: Saintil, Keisha
Sent: Wednesday, May 08, 2019 11:41 AM
To: Saintil, Keisha
Subject: I-17-4297/DD/AMES Engineering, Inc. [REDACTED]

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 11:38 05/08/19

ACTION: S

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

DISCLAIMER:
AS OF 05/08/19 AT 11:39 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER ** [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Saintil, Keisha

From: Saintil, Keisha
Sent: Wednesday, May 08, 2019 11:42 AM
To: Saintil, Keisha
Subject: I-17-4297/DD/Claassen, White & Associates, P.C. [REDACTED]

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 11:40 05/08/19

ACTION: S

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

DISCLAIMER:
AS OF 05/08/19 AT 11:41 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** [REDACTED]. PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Saintil, Keisha

From: Saintil, Keisha
Sent: Wednesday, May 08, 2019 3:56 PM
To: Saintil, Keisha
Subject: I-17-4297/DD/Eskenazi & Farrell Associates LLC/ [REDACTED]

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 15:53 05/08/19

ACTION: S

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

DISCLAIMER:
AS OF 05/08/19 AT 15:54 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Saintil, Keisha

From: Saintil, Keisha
Sent: Wednesday, May 08, 2019 4:03 PM
To: Saintil, Keisha
Subject: I-17-4297/DD/Rubino Engineering Inc. [REDACTED]

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 15:58 05/08/19

ACTION: S

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

DISCLAIMER:
AS OF 05/08/19 AT 15:59 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Saintil, Keisha

From: Saintil, Keisha
Sent: Wednesday, May 08, 2019 3:59 PM
To: Saintil, Keisha
Subject: I-17-4297/DD/Stantec Consulting Services, Inc./ [REDACTED]

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

15:56 05/08/19

ACTION: S

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

DISCLAIMER:

AS OF 05/08/19 AT 15:58 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Saintil, Keisha

From: Saintil, Keisha
Sent: Thursday, May 09, 2019 8:34 AM
To: Saintil, Keisha
Subject: I-17-4297/DD/Wang Engineering, Inc./ [REDACTED]

OCIS CICIOCP1 OFFSET CONTRACT INQUIRY 08:21 05/09/19

ACTION: S

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

DISCLAIMER:

AS OF 05/09/19 AT 08:33 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER **** [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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Saintil, Keisha

From: Saintil, Keisha
Sent: Thursday, May 09, 2019 8:35 AM
To: Saintil, Keisha
Subject: I-17-4297/DD/Wyndalco Enterprises, LLC, [REDACTED]

OCIS CICIOCP1

OFFSET CONTRACT INQUIRY

08:33 05/09/19

ACTION: S

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

DISCLAIMER:

AS OF 05/09/19 AT 08:34 OUR INVOLUNTARY WITHHOLDING SYSTEM DOES NOT HAVE AN ACTIVE CLAIM AGAINST VENDOR NUMBER *** [REDACTED] PLEASE BE ADVISED THAT OUR SYSTEM ONLY CONTAINS CLAIMS FILED BY STATE AGENCIES PURSUANT TO 15 ILCS 405/10.05. A VENDOR MAY BE DELIQUENT IN A DEBT TO THE STATE OF ILLINOIS, BUT THE DEBT MAY NOT BE RECORDED ON OUR INVOLUNTARY WITHHOLDING SYSTEM.

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DESIGN SECTION ENGINEER
FIRST SUPPLEMENTAL AGREEMENT

The Board of Directors, on the 16th day of **May, 2019**, authorized this **FIRST SUPPLEMENTAL AGREEMENT** to be entered into by and between THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY, an instrumentality and administrative agency of the State of Illinois, hereinafter sometimes referred to as "TOLLWAY", and **STRAND ASSOCIATES, 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 17-3, Item 2**, and DESIGN SECTION ENGINEER entered into an agreement on **September 28, 2017**, to provide design section engineering services (hereinafter "Services") for Contract No. **I-17-4297** for **Tri-State Tollway Tollway, Roadway Reconstruction, 75th Street (Mile Post 22.3) to I-55 Ramps (Mile Post 24.1)**; 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 **May 9, 2019**, a copy of which is attached hereto as Exhibit "1", to provide said additional Services, and it is in the best interest of the TOLLWAY to accept said proposal.

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

ARTICLE I

General Provisions

Except as modified or changed herein, all terms, provisions and conditions contained in the original agreement between the TOLLWAY and the DESIGN SECTION ENGINEER dated **September 28, 2017** ("Original Agreement") and commonly referred to as Contract No. **I-17-4297**, shall govern this agreement and be in full force and effect, however, any changes to multipliers, unit costs, prices and/or rates of compensation shall only be applied to Services rendered solely under this Supplement pursuant to changes in the scope of work. The supplemental proposal attached as Exhibit "1" is hereby made a part of this Supplemental Agreement.

ARTICLE II

Time of Performance

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

ARTICLE III

Reaffirmation of Original Agreement

All covenants and agreements contained in the Original Agreement made and entered into by and between the TOLLWAY and DESIGN SECTION ENGINEER and all prior Supplemental Agreements, if any, to provide Services for Contract No. I-17-4297 for **Tri-State Tollway Tollway, Roadway Reconstruction, 75th Street (Mile Post 22.3) to I-55 Ramps (Mile Post 24.1)** are reaffirmed and shall govern this Agreement as if fully set forth herein, it being the intent that this Agreement shall be a supplement to said agreement(s).

ARTICLE IV

Record Retention and Audit

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

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

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

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

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

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

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

ARTICLE V

Compensation

The upper limit of compensation for said supplemental Services for Contract No. **I-17-4297 for Tri-State Tollway Tollway, Roadway Reconstruction, 75th Street (Mile Post 22.3) to I-55 Ramps (Mile Post 24.1)** performed by the DESIGN SECTION ENGINEER under the Original Agreement and including the services set forth herein, is hereby increased from \$ 10,100,000.00 by \$ 708,500.00 to \$ 10,808,500.00.

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 pre-qualification, or any certification or licensing required for this project. Additionally, the DESIGN SECTION ENGINEER agrees to report to the Tollway within the above timeframe any arrests, indictments, convictions or other matters involving the DESIGN SECTION ENGINEER, or any of its principals, that might occur while this contract is in effect. This reporting requirement does not apply to common offenses, including but not limited to minor traffic/vehicle offenses.

Further, the DESIGN SECTION ENGINEER agrees to incorporate substantially similar reporting requirements into the terms of any and all subcontracts relating to work performed under this agreement. The DESIGN SECTION ENGINEER agrees to forward or relay to the Tollway any reports received from subcontractors pursuant to this paragraph within 21 days.

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

ARTICLE VII

EXPATRIATED ENTITIES

Except in limited circumstances, no business or member of a unitary business group, as defined in the Illinois Income Tax Act, shall submit a bid for or enter into a contract with a State agency if that business or any member of the unitary business group is an expatriated entity.

IN WITNESS WHEREOF, the parties hereto have executed this **FIRST SUPPLEMENTAL AGREEMENT** for I-17-4297 the day and year first above written.

THE ILLINOIS STATE TOLL
HIGHWAY AUTHORITY

STRAND ASSOCIATES, INC.

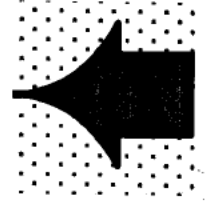
By 
Chair/Executive Director-Signature Date
Will Evans/José Alvarez

 5/15/19
President-Signature Date


Matthew S. Richards
Printed Name as Signed Above

APPROVED:
 6/19/19
Chief Financial Officer - Signature Date
Michael Colsch

APPROVED:
 6/14/19
General Counsel - Signature Date
Kathleen Pasulka-Brown



**SIGN
HERE**

Approved as to Form and Constitutionality
 6-13-19
Attorney General, State of Illinois - Signature Date

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

FOR CONTRACT NUMBER I-17-4297

This proposal, dated May 9, 2019, is submitted by Strand Associates, Inc. of Joliet, Illinois for Design Section Engineer's Service.

DESCRIPTION/LOCATION OF DESIGN SECTION

The location of the construction Contract I-17-4297 for which we propose to provide Design Section Engineering Services is Tri-State Tollway, 75th Street (M.P. 22.3) to I-55 Ramps (M.P. 24.1), in Cook County (Counties), Illinois.

REAFFIRMATION OF ORIGINAL AGREEMENT

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

SCOPE OF SUPPLEMENTAL DESIGN ENGINEERING SERVICES

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

FEE PROPOSAL

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

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

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

AGREEMENT LIMITS

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

The Upper Limit Compensation shall be increased

from \$ 10,100,000 by \$ 708,500 to \$ 10,808,500.

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

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

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

conditions of this Section and the TOLLWAY shall be entitled to enforce a breach of that contract.

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

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

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

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

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

INVOICES for services performed and expenses incurred through December 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 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.

THIS PROPOSAL FOR SUPPLEMENTAL DESIGN SECTION ENGINEERING SERVICES FOR

CONTRACT I-17-4297

SUBMITTED BY:

FIRM NAME: Strand Associates, Inc.

ADDRESS: 1170 South Houbolt Road

CITY, STATE & ZIP CODE: Joliet, Illinois 60431

TELEPHONE: 815-744-4200

FACSIMILE: 815-744-4215

SIGNED BY:



PRINTED NAME: Joseph M. Bunker

TITLE: Corporate Secretary



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/24/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Ansay & Associates, LLC. 702 N. High Point Road Suite 201 Madison WI 53717	CONTACT NAME: Susan Simoneau PHONE (A/C, No, Ext): 800-643-6133 E-MAIL ADDRESS: sue.simoneau@ansay.com	FAX (A/C, No): 608-831-4777
	INSURER(S) AFFORDING COVERAGE	
INSURED Strand Associates, Inc 910 W. Wingra Drive Madison WI 53715	INSURER A: Continental Insurance Company	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES **CERTIFICATE NUMBER:** 1816475918 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU cov. incl. <input checked="" type="checkbox"/> Bkt. Contractual GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	Y	5099170076	1/1/2019	1/1/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 900,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	5099170062	1/1/2019	1/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		5099170059	1/1/2019	1/1/2020	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	WC595126844	1/1/2019	1/1/2020	<input type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Professional Liability Full Prior Acts		AEH113974097	7/11/2018	7/11/2019	Each Claim 2,000,000 Aggregate 2,000,000 Full Prior Acts

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 PROJECT: Contract No. I-17-4297 for Tri-State Tollway, Roadway Reconstruction, 75th Street (Mile Post 22.3 to I-55 Ramps (Mile Post 24.1)).
 Strand project #: 6719.040
 The Illinois State Toll Highway Authority is named as an additional insured on a primary and non-contributory basis on the General Liability and Automobile Liability policies as per written agreement. See attached CG 2010 & CA 2048

CERTIFICATE HOLDER**CANCELLATION**

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



DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

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: STRAND ASSOCIATES, INC.

Endorsement Effective Date: 01/01/2019

SCHEDULE

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

ANY PERSON OR ORGANIZATION THAT THE NAMED INSURED IS OBLIGATED TO PROVIDE INSURANCE WHERE REQUIRED BY A WRITTEN CONTRACT OR AGREEMENT IS AN INSURED, BUT ONLY WITH RESPECT TO LEGAL RESPONSIBILITY FOR ACTS OR OMISSIONS OF A PERSON/ORGANIZATION FOR WHOM LIABILITY COVERAGE IS AFFORDED UNDER THIS POLICY

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.

Form No: CA 20 48 10 13	Endorsement Effective Date:	Endorsement Expiration Date:	Policy No: BUA 5099170062
Endorsement No: 8; Page: 1 of 1			Policy Effective Date: 01/01/2019
Underwriting Company: Transportation Insurance Company, 151 N Franklin St, Chicago, IL 60606			Policy Page: 51 of 137

EXHIBIT "1"



CNA PARAMOUNT

**Additional Insured - Owners, Lessees or Contractors -
Scheduled Person or Organization Endorsement**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE
Name Of Additional Insured Person(s) Or Organization(s)
The Illinois State Toll Highway Authority
Location(s) Of Covered Operations

20020007650991700761591



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

CG 20 10 (07-04)

Page 1 of 2

TRANSPORTATION INSURANCE COMPANY

Insured Name: STRAND ASSOCIATES, INC.

Policy No: 5099170076

Endorsement No: 54

Effective Date: 05/17/2019



**Additional Insured - Owners, Lessees or Contractors -
Scheduled Person or Organization Endorsement**

A. **Section II – Who Is An Insured** is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for **bodily injury**, **property damage** or **personal and advertising injury** caused, in whole or in part, by:

1. Your acts or omissions; or
 2. The acts or omissions of those acting on your behalf;
- in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to:

bodily injury or **property damage** occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of **your work** out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

Contract Information Sheet

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

Consultant Name: Strand Associates, Inc.

Contract Number: I-17-4297

Proposal Date: 5/9/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

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

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

Contract Number: I-17-4297

Consultant: Strand Associates, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												Grand Total Exhibit A Hours
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL HOURS
Concept Verification													
Advance Contract													
NB Mainline Contract							275	250	250	250	250	250	1525
SB Mainline Contract							275	250	250	250	250	250	1525
TOTALS							550	500	500	500	500	500	3050

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

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

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date	Date	Date		
11/1/2017	6/30/2018	7/1/2018	6/30/2019	7/1/2019	6/30/2020	7/1/2020	6/30/2021	7/1/2021	6/30/2022
8.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
13.33%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period	Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period

ESCALATION PER YEAR Year 6 through 10

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

The escalation factor for this project is: 100.00%

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							DIRECT COST OVERTIME PREMIUM		
						Total Estimated Work Hours:	3,051.00	Total Estimated O/T Hours:	
						Average Hourly Rate:	\$52.44	Average Premium O/T Hourly Rate:	
						Total Direct Labor	\$159,994.44	Total Overtime Premium:	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	40.00			
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	308.00			
No	Senior Engineer/Planner	\$40.00	\$70.00	\$69.57	\$69.57	700.00			
No	Resident Engineer	\$40.00	\$70.00						
No	Project Engineer/Planner	\$25.00	\$60.00	\$46.00	\$46.00	1,193.00			
No	Staff Engineer/Planner	\$20.00	\$40.00						
No	Engineer /Accountant	\$20.00	\$60.00						
No	Senior Technical Specialist	\$25.00	\$60.00	\$46.72	\$46.72	450.00			
No	Technical Specialist	\$15.00	\$50.00	\$30.85	\$30.85	300.00			
No	Architect	\$30.00	\$70.00						
No	Realty Specialists	\$20.00	\$70.00						
No	Intern	\$8.25	\$20.00						
No	Admin/Clerical	\$8.25	\$40.00	\$29.59	\$29.59	60.00			

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	Principal	Budde, Philip E	\$50 - \$70
	Principal	Felker, Michael C	
	Principal	Richards, Matthew S	
	Principal	Kronser, Jeffrey L	
	Principal	Schultz, Paula J	
	Principal	Cannon, Shawn K	
	Principal	Gabrisko, Darcie W	
Project Manager	Project Manager	Petersen, Joan R	\$40 - \$70
	Project Manager	Zenz, Shane P	
	Project Manager	Locy, Kent T	
	Project Manager		
	Project Manager	Straus, Robert K	
	Project Manager	Lyons, John T	
	Project Manager	Fullerton, Baird H	
	Project Manager	Ternus, James D	
	Project Manager	Fisher, Mark A	
	Project Manager	Bunker, Joseph M	
	Project Manager	Hise, James D	
	Project Manager	Yentz, Matthew A	
	Project Manager	Dreis, Paul J	
	Project Manager	Hawkins, William Z	
	Project Manager	Ulm, Chris J	
	Project Manager	Waldron, Michael R	
	Project Manager		
	Project Manager	Sebold, Tina M	
	Project Manager	Kopecky, Chad A	
	Project Manager	Brankamp, Thomas M	
	Project Manager	Hutzler, Jerome A	
	Project Manager	Runde, Andrew J	
	Project Manager	Andreas, Brian M	
	Project Manager	Herkert, Scott G	
	Project Manager	Davis, Michael L	
	Project Manager	Studnicka, Brent M	
	Project Manager	Askin, Mark C	
	Project Manager	Rank, Patrick J	
	Project Manager	Addicks, Edward T	
	Project Manager	Kankel, Craig	

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Project Manager	Craven, Andrew L	
	Project Manager	Bista, Bhupendra B	
	Project Manager	Kelly, Daniel C	
	Project Manager	Held, Jeffrey S	
	Project Manager	Kluesner, Steven B	
	Project Manager	Shubak, Mark K	
	Project Manager	Rape, Marc A	
	Project Manager	Forslund, Michael J	
	Project Manager	Hackman, Brian L	
	Project Manager	Isnor, Howard L	
	Project Manager	Lindert, Jon H	
	Project Manager	Marthaler, Justin N	
	Project Manager	Standish, Anthony J	
	Project Manager	Gabrisko, Darcie W	
	Project Manager	Grigas, Marc A	
	Project Manager	Molenaar, Brian T	
	Project Manager	Bilskemper, Justin R	
Senior Engineer/Planner	Senior/Structural Engineer	Standish, Anthony J	\$40 - \$70
	Senior/Structural Engineer	Rice, David D	
	Senior/Structural Engineer	Walker, David J	
	Senior/Structural Engineer	Maki, Wayne D	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Project Engineer	Isnor, Howard L	\$25 - \$60
	Project Engineer	Lindert, Jon H	
	Project Engineer	Grigas, Marc A	
	Project Engineer	Holman, Lucas R	
	Project Engineer	Juskiewicz, Timothy R	
	Project Engineer	Straka, Joshua J	
	Project Engineer	Carden, Jason S	
	Project Engineer	Spinelli, Anthony J	
	Project Engineer	Genske, Terrance L	
	Project Engineer	Boulware, Kent	
	Project Engineer	Hellermann, Luke T	
	Project Engineer	Scholz, Candace L	
	Project Engineer	Brunn, Donald E	

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Project Engineer	Schrandt, Jason E	
	Project Engineer	Prahl, Steve B	
	Project Engineer	Stetzer, Thomas G	
	Project Engineer	Ruble, Steven T	
	Project Engineer	Grimme, Sara J	
	Project Engineer	Kress, Brendan M	
	Project Engineer	Small, Daniel J	
	Project Engineer	Ruggles, Kristopher E	
	Project Engineer	David, Michael J	
	Project Engineer	Tonthat, Jimmy H	
	Project Engineer	Hanson, Eric D	
	Project Engineer	Thomsen, Stephanie B	
	Project Engineer	Swanson, Kenneth M	
	Project Engineer	Karnes, Harold P	
	Project Engineer	Brandt, Nathaniel L	
	Project Engineer	Oftedahl, Brett M	
	Project Engineer	Behrend, Keith R	
	Project Engineer	Clayton, Adam J	
	Project Engineer	Bourke, Chad E	
	Project Engineer	Gohdes, David D	
	Project Engineer	Thimm, Richard G	
	Project Engineer	Dienst, Elizabeth A	
	Project Engineer	Horst, Ryan R	
	Project Engineer	Cash, Jamey L	
	Project Engineer	Bolle, Christopher T	
	Project Engineer	Engelke, Jared D	
	Project Engineer	Rust, Christopher J	
	Project Engineer	Heimann, Jeffery C	
	Project Engineer	Ott, Michael G	
	Project Engineer	Sridhar, Anand	
	Project Engineer	Merten, Matthew J	
	Project Engineer	Scholz, Timothy J	
	Project Engineer	Ahern, Brendan G	
	Project Engineer	Carpiaux, Daniel A	
	Project Engineer	Careros, Matthew D	
	Project Engineer	Kuhbander, Kelly M	
	Project Engineer	McCarthy, James R	
	Project Engineer	Weber, Adam	

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Project Engineer	Hoy, Jason M	
	Project Engineer	Lind, Benjamin R	
	Project Engineer	Henderson, Kyle R	
	Project Engineer	Rosenthal, Brian M	
	Project Engineer	Brodhacker, Jeremy L	
	Project Engineer	Bland, Christopher M	
	Project Engineer	Jack, Robert A	
	Project Engineer	Urban, Joseph M	
	Project Engineer	Kobryn, Jennifer S	
	Project Engineer	Meyer, Tera R	
	Project Engineer	Scheer, Richard	
	Project Engineer	Troka, Kyle A	
	Project Engineer	Goebel, Travis T	
	Project Engineer	Becker, Elisa C	
	Project Engineer	Garfoot, Elizabeth C	
	Project Engineer	Pachniak, Joshua T	
	Project Engineer	Sarven, Korey C	
	Project Engineer	Bridwell, Sean M	
	Project Engineer	Craig, Aaron R	
	Project Engineer	Pridemore, Ashley L	
	Project Engineer	Canning, James F	
	Project Engineer	Green, Scott L	
	Project Engineer	Schmidt, Bradley J	
	Project Engineer	Smith, Ryan R	
	Project Engineer	Fitzsimmons, Jacob E	
	Project Engineer	Druszkowski, Ethan E	
	Project Engineer	Schwarz, Alexander M	
	Project Engineer	Troyanowski, Andrew P	
	Project Engineer	Walter, Adam J	
	Project Engineer	Notson, Eric J	
	Project Engineer	Denton, William D	
	Project Engineer	Gort, Jordan N	
	Project Engineer	Bland, Andrea L	
	Project Engineer	Andersen, Kelsey R	
	Project Engineer	Gattone, Dominic L	
	Project Engineer	Gazdziak, Matthew J	
	Project Engineer	Pellegrini, Adam J	
	Project Engineer	Anderson, Eric P	

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Project Engineer	Johnson, Brenden L	
	Project Engineer	Lynch, Christopher T	
	Project Engineer	Constant, Evan J	
	Project Engineer	Gomez-Gonzalez, Andres G	
	Project Engineer	Specht, Kyela R	
	Project Engineer	Pasternak, Matthew W	
	Project Engineer	Barber, Steven	
	Project Engineer	Miklas, Cory M	
	Project Engineer	Johnson, Caroline V	
	Project Engineer	Alexander, Jennifer M	
	Project Engineer	Sunderland, Anna T	
	Project Engineer	Sadowski, Zachary M	
	Project Engineer	Schmidgall, Kayla A	
	Project Engineer	Schramm, Jacob R	
	Project Engineer	Christian, Cole C	
	Project Engineer	Nguyen, Robert J	
	Project Engineer	Oyer, Brian J	
	Project Engineer	Sanchez, Eduardo	
	Project Engineer	Seehafer, Mary E	
	Project Engineer	Hassett, Tyler D	
	Project Engineer	Young, Bailee N	
	Project Engineer	Beth, Kyle P	
	Project Engineer	Sina, Timothy J	
	Project Engineer	Miller, Elizabeth Q	
	Project Engineer	Windau, Tyler L	
Staff Engineer/Planner			\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist	Technician II	Marthaler, Justin N	\$25 - \$60
	Technician II	Larson, Layne A	
	Technician II	Hawkos, Rad A	
	Technician II	Plut, John K	
	Technician II	Bindl, Andrew S	
	Technician II	Skjervem, Cory J	
	Technician II	Oliphant, Randy L	
	Technician II	Wadas, Dennis J	
	Technician II	Wang, Xuqiang	

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Technician II	Rape, Bruce A	
	Technician II	Eisentraut, David J	
	Technician II	Kreitz, Thad M	
	Technician II	Bartelt, Heather S	
	Technician II	Egeland, Deirdre F	
	Technician II	Robertson, Steven L	
	Technician II	Waas, Jerad D	
	Technician II	Henrekin, Casey P	
	Technician II	Byrne, Aaron C	
Technical Specialist	Technician I	Herbst, Glenn G	\$15 - \$50
	Technician I	Zacpal, George D	
	Technician I	White, Kyle R	
	Technician I	Heavern, Darren W	
	Technician I	Johnson, Reed C	
	Technician I	Bible, Myles M	
	Technician I	Holmes, Jason R	
	Technician I	Zachman, Christopher M	
	Technician I	Fisher, Brian J	
	Technician I	Perry, Jason D	
	Technician I	Drake, Orando S	
	Technician I	Small, Steven S	
	Technician I	Motelet, Lisa M	
	Technician I	Haftoglou, Dimitrios T	
	Technician I	Schaub, Alex P	
	Technician I	Pedersen, Matthew W	
	Technician I	Walker, Andrew R	
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Admin/Clerical	Exley, Anita M	\$8.25 - \$40
	Admin/Clerical	Trobaugh, Leslie A	
	Admin/Clerical	Pekul, Ashley C	
	Admin/Clerical	Christensen, Gretchen J	
	Admin/Clerical	Powell, Heather L	
	Admin/Clerical	Frieders, Rachel A	
	Admin/Clerical	O'Hearn, Maria Del Rosario	

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Admin/Clerical	McKee, Christina A	
	Admin/Clerical	Goodrich, Angela Diane	
	Admin/Clerical	Kreilkamp, Teresa A	
	Admin/Clerical	Hawks, Sarah M	
	Admin/Clerical	Forte, Latanya Rochelle	
	Admin/Clerical	Rice, Lucia B	
	Admin/Clerical	McCann, Mary E	
	Admin/Clerical	Schmidt, Tammy L	
	Admin/Clerical	Jones-Dailey, Cher'Ronna L	
	Admin/Clerical	Rickaby, Barbara J	
	Admin/Clerical	Gannon, Brittany S	
	Admin/Clerical	Willey, Cynthia L	
	Admin/Clerical	Meilinger, Adria M	
	Admin/Clerical	Lacy, David G	
	Admin/Clerical	Roberts, Laura E	
	Admin/Clerical	Laufenberg, Trisha L	
	Admin/Clerical	Bowman, Judith L	
	Admin/Clerical	Mesbah, Natalie N	
	Admin/Clerical	Sagester, Vanessa L	
	Admin/Clerical	Hawks, April M	
	Admin/Clerical	Magnacca, Sharon L	
	Admin/Clerical	Lange, Samantha J	
	Admin/Clerical	Sailer, Olivia B	
	Admin/Clerical	Bladon, Adam J	

EXHIBIT D

REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES

- A. **VEHICLE REIMBURSEMENT - rate based on link below**
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>

- B. **ALLOWABLE DIRECT COSTS - based on link below**
https://www.illinoistollway.com/documents/20184/238673/LG_TOLLWAY_XX_ALLOWEDIRECTCOSTS_12132013.PDF/b3dab3

- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

DIRECT COST CATEGORY

none

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) \$ 31,015.57

ALLOWABLE DIRECT COSTS

09.12.2018

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

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

ALLOWABLE DIRECT COSTS

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

ALLOWABLE DIRECT COSTS

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

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

NOTES:

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

Contract No.: I-17-4297

Consultant: Strand Associates, Inc.

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: Standish, Anthony J

Project Engineer: Andreas, Brian M

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: Grigas, Marc A

Project Structural Engineer: _____

Project Drainage Engineer: Shubak, Mark K

Senior Engineer: _____

Others: Name: Gabrisko, Darcie W

Classification: Roadway QC/QA

Name: Rice, David D

Classification: Structural QC/QA

Name: Bunker, Joseph M

Classification: Constructability Engineer

Name: _____

Classification: _____

EXHIBIT F

Contract No. I-17-4297

Strand Associates, Inc.

SCOPE OF SERVICES

See Attachment A Exhibit F Supplement for Scope of Services.

Attachment A Exhibit F Supplement

Scope of Services

**Strand Associates, Inc.
(Design Section Engineer, DSE)**

**Tri-State Tollway, Roadway Reconstruction,
75th Street (M.P. 22.3) to I-55 Ramps (M.P. 24.1)**

Contract No. I-17-4297

Illinois State Toll Highway Authority (TOLLWAY)

May 9, 2019

SUPPLEMENTAL EXHIBIT F

This Exhibit F Supplement, along with each of the SUBCONSULTANT's "Attachment A-Exhibit F Supplement" provides further information regarding the DESIGN SECTION ENGINEER's (DSE's) supplemental scope of services.

I. PROJECT DESCRIPTION

This project, referred to as "PROJECT", is to provide Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements for the reconstruction of the Tri-State Tollway (I-294) between 75th Street (M.P. 22.3) and I-55 Ramps (M.P. 24.1).

The scope of the proposed construction improvement includes: 1.8 miles of widened and reconstructed mainline roadway and seven ramps to the TOLLWAY's jurisdiction limit; bridge widening and rehabilitation / replacement; retaining walls; noise walls; new drainage structures and modification of existing drainage system; erosion control for construction zones; landscaping and soil erosion / sedimentation control measures; pavement markings, delineators and signage; new barrier, anchors and terminals; roadway lighting; relocation of utilities; and other appurtenant and miscellaneous construction.

It is anticipated the DSE will prepare drawings, specifications, and an opinion of probable construction costs for the C04 75th Street to I-55 Ramps single construction contract and provide the I-17-4298 DSE with drawings up to proposed STA 1271+00 for inclusion into their C05 Flagg Creek to Hinsdale Oasis construction contract.

Services provided and deliverables will be in accordance with the applicable TOLLWAY's Manuals, Guidelines, Standard Drawings, and Specifications; other applicable industry standards and guidelines; and the specific requirements detailed in the TOLLWAY's Exhibit F.

II. PROJECT TEAM

The DSE consists of Strand Associates, Inc. (SAI), as the prime consultant, and the following subconsultants: AMES Engineering, Inc. (AMES); American Surveying & Engineering, P.C. (ASE); Claassen White & Associates, P.C. (CWA); Eskanazi, Farrell Associates, LLC (EFA); EFK Moen, LLC (EFKM); Rubino Engineering, Inc. (Rubino); SE3, LLC (SE3); Stantec Consulting Services Inc. (Stantec); Wang Engineering, Inc. (Wang); and Wynndalco Enterprises, LLC (WE). Each subconsultant shall be referred to individually as SUBCONSULTANT.

III. SUPPLEMENTAL SERVICES TO BE PERFORMED BY DSE

The scope of supplemental services, defined below, is in addition to the scope of services contained in the original agreement for services.

A. Alternative Mainline Alignment Evaluation

1. Evaluate impacts of alternative mainline alignments on the following design elements:
 - i. Bridges
 1. Willow Springs over I-294
 2. I-294 over I-55
 3. I-294 over Wolf Road
 4. I-294 over Joliet Road
 5. I-294 over Flagg Creek
 6. I-55 Ramp A over I-294
 - ii. Retaining walls
 1. TS22.95R,NB - 71st Place
 2. TS23.55R,NB
 3. TS22.95R,SB - I-55 Ramp K/Wolf Road Ramp E
 4. TS23.30R,SB - Tollway Parcel to be swapped with IDOT
 5. TS23.35R,SB
 6. TS23.60R,SB - IDOT Parcel to be swapped with Tollway
 7. TS23.75R,SB
 - iii. Noise abatement walls
 1. TS22.90N,NB
 2. TS23.35N,NB
 - iv. Detention ponds
 - v. Existing and proposed storm sewers
 - vi. Right-of-way
 - vii. Utility conflicts
 - viii. Maintenance of traffic (MOT)
 - ix. Mainline and ramp geometrics
 1. I-294 Mainline Alignment
 2. I-55 Ramp K/Wolf Road Ramp E
 3. I-55 Ramp J/Wolf Road Ramp N
 4. Hinsdale Oasis Ramp N
 - x. ITS and fiber optic
 - xi. Design schedule
 - xii. Construction sequence and schedule
2. Prepare Technical Memorandum of alternative mainline alignment evaluation.
3. Attend project meetings to present alternative mainline alignment evaluation to the Tollway, Design Corridor Manager (DCM), General Engineering Consultant (GEC), and Owner's Representative (OR).
4. Communicate with Geotechnical Upon Request DSE.
5. Communicate with the Tollway, DCM, GEC, and OR regarding the alternative mainline alignment and the impacts and revisions to design items.

6. Revise the following design items as a result of the Tollway's requested alignment shift.
 - i. Bridges
 1. I-294 over I-55 - structural design by others (I-17-4298)
 2. I-294 over Wolf Road
 3. I-294 over Joliet Road
 4. I-294 over Flagg Creek
 - ii. Retaining walls
 1. TS22.95R,NB - 71st Place;
 2. TS23.55R,NB
 3. TS23.30R,SB - Tollway Parcel to be swapped with IDOT
 4. TS23.35R,SB
 5. TS23.60R,SB - IDOT Parcel to be swapped with Tollway
 6. TS23.75R,SB
 - iii. Noise abatement walls
 1. TS22.90N,NB
 2. TS23.35N,NB
 - iv. Detention ponds
 - v. Storm sewers
 - vi. Right-of-way
 - vii. All eight Plats
 - viii. Utility conflicts
 - ix. MOT
 - x. Mainline and ramp geometrics
 1. I-294 Mainline Alignment
 2. I-55 Ramp K/Wolf Road Ramp E
 3. I-55 Ramp J/Wolf Road Ramp N
 4. Hinsdale Oasis Ramp N
 - xi. ITS and fiber optic
 - xii. Design schedule
 - xiii. Construction sequence and schedule

Refer to AMES's, CWA's, Rubino's, Stantec's, and Wang's Exhibit F Supplement for additional details.

Team members participating in these tasks include: SAI, AMES, CWA, Rubino, Stantec, and Wang.

B. Revised Stationing

1. Revise the mainline horizontal alignment stationing. This includes re-stationing the horizontal alignment; re-setting the vertical alignment to locate VPI's at even station values; revising station values in the 3D model used to control changes in typical section, ramp gore locations, superelevation transitions, bridge structures, ITS elements, retaining wall begin and end locations, and noise abatement wall begin and end locations.
2. Revise roadway drawings to locate match lines at the revised station locations and station callouts updated to match the new stationing values.

3. Revise plats to reflect the correct station and offset of the right of way break points and reference the updated and re-stationed horizontal alignment.
4. Update the following design items to accommodate the new alignment station:
 - i. 3D Roadway, Roadside, and Structure Model
 - ii. 3D Drainage Model
 - iii. 3D Utility Model (SUDA)
 - iv. Design Utility Report
 - v. Structural Geotechnical Reports
 - vi. Roadway Geotechnical Reports

Refer to AMES's, CWA's, Rubino's, Stantec's, and Wang's Exhibit F Supplement for additional details.

Team members participating in these tasks include: SAI, AMES, CWA, Rubino, Stantec, and Wang.

C. Additional Retaining Walls and Noise Abatement Wall

1. Perform Wall Type Studies for two proposed retaining walls: PR-TS22.95R,NB and PR-TS23.30R,SB.
2. Perform design for the aforementioned retaining walls.
3. Develop Type, Size, and Location (TS&L) drawings for the two aforementioned retaining walls.
4. Perform design for noise wall TS22.30N,SB.
5. Prepare contract drawings, specifications, standard details, special details, and special provisions for noise wall TS22.30N,SB.

Refer to EFA's and WE's Exhibit F Supplement for additional details.

Team members participating in these tasks include: EFA and WE.

D. Wolf Road Underpass Lighting Concept Report

1. Prepare an underpass lighting concept report for nighttime illumination and daytime illumination.
2. Prepare daytime/nighttime warranting evaluation for Wolf Road underpass lighting.
3. Prepare photometric calculations for daytime and nighttime for Wolf Road underpass lighting.
4. Prepare opinion of probable construction cost for Wolf Road underpass lighting.

Refer to AMES's Exhibit F Supplement for additional details.

Team members participating in these tasks include: AMES.

EXHIBIT G

**CURRENT OBLIGATIONS FOR PROJECT
I-17-4297
Strand Associates, Inc.**

ROUTE & JOB NO.	WORK SCOPE & DESCRIPTION OF PROJECT	TOTAL FEE	FEE REMAINING TO BE EARNED	ESTIMATE DATE OF COMPLETION
PSB 15-2-7 Ph. II (EOWA Bensenville Yard)	Phase II - Prepare PS&E	\$5,854,096.69	\$5,405,000	TBD (Contract Suspended)
PTB 169/19 Ph. II (IL 47)	Phase II - Prepare PS&E	\$2,617,690	\$345,000	June 2019
PTB 173/16 Var./Var. (D1)	Var./Var.	\$1,800,000	\$185,000	December 2019
PTB 185/15 Var./Var. (D1)	Var./Var.	\$1,800,000	\$1,725,000	January 2023

EXHIBIT H - SERVICES BY OTHERS

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

DBE/MBE/WBE SUBCONSULTANTS

<p>1 <u>AMES Engineering, Inc.</u></p> <p>Direct Labor \$ 19,526.47</p> <p>Direct Costs \$ 473.53</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ 20,000.00</p>	<p>6 <u>SE3, LLC</u></p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>
<p>2 <u>Claassen, White & Associates, P.C.</u></p> <p>Direct Labor \$ 18,495.62</p> <p>Direct Costs \$ 504.38</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ 19,000.00</p>	<p>7 <u>Wang Engineering, Inc.</u></p> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>
<p>3 <u>Rubino Engineering, Inc.</u></p> <p>Direct Labor \$ 10,964.80</p> <p>Direct Costs \$ 35.20</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ 11,000.00</p>	<p>8 <u>Wynndalco Enterprises, LLC</u></p> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>
<p>4 <u>Wang Engineering, Inc.</u></p> <p>Direct Labor \$ 16,946.16</p> <p>Direct Costs \$ 53.84</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ 17,000.00</p>	<p>9 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>
<p>5 <u>Wynndalco Enterprises, LLC</u></p> <p>Direct Labor \$ 90,460.22</p> <p>Direct Costs \$ 39.78</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ 90,500.00</p>	<p>10 _____</p> <p>Direct Labor _____</p> <p>Direct Costs \$ -</p> <p>Services by Others \$ -</p> <p>Additional Services ** \$ -</p> <p>Total this Subconsultant (ULC) \$ -</p>

** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ 157,500.00

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

TOTAL Allowable Fee DBE/MBE/WBE Subconsultants: \$ 157,500.00

DBE/MBE/WBE Percentage of Total Fee (includes Additional Services): 22.23%

DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services): 22.23%

EXHIBIT H - SERVICES BY OTHERS (continued)

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

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

1		<u>Eskenazi & Farrell Associates, LLC</u>	
Direct Labor	\$	29,994.86	
Direct Costs	\$	5.14	
Services by Others			
Additional Services **			
Total this Subconsultant (ULC)	\$	30,000.00	

2		<u>Stantec Consulting Services</u>	
Direct Labor	\$	41,930.11	
Direct Costs	\$	69.89	
Services by Others			
Additional Services **			
Total this Subconsultant (ULC)	\$	42,000.00	

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

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

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

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

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

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

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

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

** Additional services funds require prior authorization before use

TOTAL Non-DBE/MBE/WBE Subconsultants: \$ 72,000.00

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

TOTAL Allowable Fee Non-DBE/MBE/WBE Subconsultants: \$ 72,000.00

Contract Information Sheet

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

Consultant Name: AMES Engineering, Inc.

Contract Number: I-17-4297

Proposal Date: 5/9/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

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

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

Contract No.: I-17-4297

Consultant: AMES Engineering, Inc.

Date: 5/9/2019

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

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

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date	Date	Date		
11/1/2017	12/31/2017	1/1/2018	12/31/2018	1/1/2019	12/31/2019	1/1/2020	12/31/2020	1/1/2021	12/31/2021
2.0		12.0		12.0		12.0		12.0	
60.0		60.0		60.0		60.0		60.0	
3.33%		20.00%		20.00%		20.00%		20.00%	
Factor First Period		Escalation Factor Second Period		Escalation Factor Third Period		Escalation Factor Fourth Period		Escalation Factor Fifth Period	

ESCALATION PER YEAR Year 6 through 10

Date	Date	Date	Date	Date	Date	Date	Date		
1/1/2022	10/31/2022								
10.0									
60.0		60.0		60.0		60.0		60.0	
16.67%									
Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period		Escalation Factor Ninth Period		Escalation Factor Tenth Period	

The escalation factor for this project is: 100.00%

Contract No.: I-17-4297

Consultant: AMES Engineering, Inc.

Date: 5/9/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							DIRECT COST OVERTIME PREMIUM	
Total Estimated Work Hours: <u>153.00</u>							Total Estimated O/T Hours: _____	
Average Hourly Rate: <u>\$45.58</u>							Average Premium O/T Hourly Rate: _____	
Total Direct Labor <u>\$6,973.74</u>							Total Overtime Premium: _____	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)
No	Principal	\$50.00	\$70.00					
No	Project Manager	\$40.00	\$70.00					
No	Senior Engineer/Planner	\$40.00	\$70.00	\$52.45	\$52.45	39.00		
No	Resident Engineer	\$40.00	\$70.00					
No	Project Engineer/Planner	\$25.00	\$60.00	\$46.67	\$46.67	83.00		
No	Staff Engineer/Planner	\$20.00	\$40.00					
No	Engineer /Accountant	\$20.00	\$60.00					
No	Senior Technical Specialist	\$25.00	\$60.00					
No	Technical Specialist	\$15.00	\$50.00	\$34.04	\$34.04	31.00		
No	Architect	\$30.00	\$70.00					
No	Realty Specialists	\$20.00	\$70.00					
No	Intern	\$8.25	\$20.00					
No	Admin/Clerical	\$8.25	\$40.00					

ALLOWABLE DIRECT COSTS

09.12.2018

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

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

ALLOWABLE DIRECT COSTS

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

ALLOWABLE DIRECT COSTS

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

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

NOTES:

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

Contract No.: I-17-4297

Consultant: AMES Engineering, Inc.

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: _____

Project Engineer: Ahsan Siddiqi

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

EXHIBIT F

Contract No. I-17-4297

AMES Engineering, Inc.

SCOPE OF SERVICES

See Attachment A Exhibit F Supplement for Scope of Services.

Attachment A Exhibit F Supplement

Scope of Services

**AMES Engineering, Inc. (SUBCONSULTANT)
to Strand Associates, Inc. (ENGINEER)**

**Tri-State Tollway, Roadway Reconstruction,
75th Street (M.P. 22.3) to I-55 Ramps (M.P. 24.1)**

Contract No. I-17-4297

Illinois State Toll Highway Authority (TOLLWAY)

May 9, 2019

I. PROJECT DESCRIPTION

This project is to prepare Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) between 75th Street (M.P. 22.3) and I-55 Ramps (M.P. 24.1).

The scope of the proposed construction improvement includes: 1.8 miles of widened and reconstructed mainline roadway including seven ramps; bridge widening and rehabilitation / replacement; retaining walls; noise walls; new drainage structures and modification of existing drainage system; erosion control for construction zones; landscaping and soil erosion / sedimentation control measures; pavement markings, delineators and signage; new guardrail, anchors and terminals; roadway lighting; relocation of utilities; and other appurtenant and miscellaneous construction.

Services to be performed by SUBCONSULTANT include roadway design including lighting and signage and corresponding drawing and specification development. It is anticipated that services of SUBCONSULTANT will be performed for two separate construction contracts. Design and deliverables shall be in accordance with the TOLLWAY's Design Section Engineer Manual (DSE Manual), all manuals referred to in the DSE Manual, and other applicable design manuals, guidelines, and standards.

II. SUPPLEMENTAL SERVICES TO BE PERFORMED BY SUBCONSULTANT

The scope of supplemental service, defined below, is in addition to the scope of services contained in the original agreement for services.

- A. Alternative Mainline Alignment Evaluation
 - 1. Evaluate impacts to temporary and permanent lighting and signage due to an alignment shift.
 - 2. Evaluate impacts to construction schedule and sequence.
- B. Revised Stationing
 - 1. Revise drawings to reflect new stationing related to the revised horizontal alignment.
- C. Wolf Road Underpass Lighting Concept Report
 - 1. Prepare an underpass lighting concept report for nighttime illumination and daytime illumination.
 - 2. Prepare daytime/nighttime warranting evaluation.
 - 3. Prepare photometric calculations for daytime and nighttime.
 - 4. Prepare opinion of probable construction cost.

Exhibit G				
Contract No. I-17-4297				
AMES 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
Tollway PSB 13-4, Item 1 I-13-4622	Lighting, Roadway Design, ITS	\$880K	\$125K	2019
Tollway PSB 17-2, Item1 I-17-4674	Phase II	\$121K	\$1K	2019
Tollway PSB 17-2, Item6 I-16-4274	Phase II	\$239K	\$1K	2018
Tollway PSB 17-2, Item 8 RR-16-4276	Phase II	\$100K	\$57K	2019
Tollway PSB 17-3, Item 2 I-17-4297	Phase II	\$410K	\$120K	2022
Tollway PSB 17-3, Item 3 I-17-4298	Phase II	\$456K	\$207K	2022
Tollway PSB 17-3, Item 4 I-17-4299	Phase II	\$76K	\$32K	2022
Tollway PSB 17-3, Item 7 I-17-4302	Phase II	\$237K	\$14K	2022
Tollway PSB 17-3, Item 17 RR-16-4282	Construction Inspection	\$202K	\$80K	2018
Tollway PSB 17-3, Item 24 I-17-4682	Construction Inspection Upon Request	\$360K	\$226K	2020
Tollway PSB 18-3, Item 1 I-18-4411	I-294 - Mile Long Bridge Reconstruction	Starting 2021	\$242K	2022
IDOT-1 PTB 163, Item 17 D-91-268-12	Phase II	Pending Negotiations	TBD	
IDOT-1 PTB 167, Item 14 D-91-177-13	Civil/Lighting Phase II	\$148K	\$61K	On Hold
IDOT-1 PTB 169, Item 16 D-91-424-13	Lighting	\$49K	\$6K	2019
IDOT-1 PTB 169 Item 21 P-91-005-14	Various	\$136K	\$32K	2019

Exhibit G				
Contract No. I-17-4297				
AMES 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
IDOT-1 PTB 174, Item 7 D- 91-101-15	Various Phase II	\$236K	\$1K	2019
IDOT-1 PTB 177, Item 5 D- 91-013-16	Traffic Control and Signage Review	\$600K	\$210K	2020
IDOT-1 PTB 178, Item 6 D- 91-119-16	Phase I, II and III Plan Review	\$1,000K	\$55K	2018
IDOT-1 PTB 181, Item 5 D- 91-477-16	Lighting	\$28K	\$2K	2019
IDOT-1 PTB 185, Item 3 D- 91-004-18	Traffic Counts	\$44K	\$8K	2018
IDOT-4 PTB 186, Item 9 P- 95-020-17	Phase II Lighting and Electrical plus Misc Phase I	\$38K	\$30K	2019
IDOT-1 PTB 188, Item 1 D- 91-291-18	Lighting/Traffic Signals	Pending Negotiations	TBD	
IDOT-1 PTB 188, Item 5 D- 91-292-18	Traffic Signals	Pending Negotiations	\$79K	\$2,020.00
IDOT-3 PTB 188, Item 20 D-93-018-18	Various Phase I/II	Pending Negotiations	TBD	
IDOT-1 PTB 189, Item 17 D-91-369-18	Lighting/Traffic Signals	Pending Negotiations	TBD	
Walnut Lane, Schaumburg	Lighting	\$16K	\$9K	2019
Pearl St McHenry	Lighting	\$9K	\$9K	2019
CDOT	Traffic Signals	Pending Negotiations	TBD	
Updated 4/29/2019				

EXHIBIT H - SERVICES BY OTHERS

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

DBE/MBE/WBE SUBCONSULTANTS

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Total this Subconsultant (ULC)	\$	-														

** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ -

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

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

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

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

EXHIBIT H - SERVICES BY OTHERS (continued)

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

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

1	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Direct Labor</td> <td style="width: 10%; border-bottom: 1px solid black;"></td> <td style="width: 60%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Total this Subconsultant (ULC)</td> <td style="text-align: right; border-bottom: 1px solid black;">\$</td> <td style="text-align: right; border-bottom: 1px solid black;">-</td> </tr> </table>	Direct Labor			Direct Costs			Services by Others			Additional Services **			Total this Subconsultant (ULC)	\$	-
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** Additional services funds require prior authorization before use

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

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

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

Contract Information Sheet

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

Consultant Name: Claassen, White & Associates, P.C.

Contract Number: I-17-4297

Proposal Date: 5/9/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

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

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

Contract Number: I-17-4297

Consultant: Classen, White & Associates, P.C.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												Grand Total Exhibit A Hours	178
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL HOURS	
	Concept Verification													
Advance Contract														
NB Mainline Contract							50	50	50	15	10			175
SB Mainline Contract														
TOTALS							50	50	50	15	10			175

Contract Number: I-17-4297

Consultant: Claassen, White & Associates, P.C.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2020												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract													
TOTALS													0

Contract Number: I-17-4297

Consultant: Caassen, White & Associates, P.C.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2021												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract													
TOTALS													0

Contract Number: I-17-4297

Consultant: Claassen, White & Associates, P.C.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2022												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract										3			3
SB Mainline Contract													
TOTALS										3			3

Contract No.: I-17-4297

Consultant: Claassen, White & Associates, P.C.

Date: 5/9/2019

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

CONTRACT TERM: 60 No. OF MONTHS
SCHEDULED START DATE: 11/1/2017
RAISE DATE: 6/1/2018
PERCENT OF RAISE: 0%

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date	Date	Date		
11/1/2017	5/31/2018	6/1/2018	12/31/2018	1/1/2019	12/31/2019	1/1/2020	12/31/2020	1/1/2021	12/31/2021
7.0	7.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
11.67%	11.67%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period	Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period

ESCALATION PER YEAR Year 6 through 10

Date	Date	Date	Date	Date	Date	Date	Date
1/1/2022	10/31/2022						
10.0							
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
16.67%							
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period	Escalation Factor Eleventh Period	Escalation Factor Twelfth Period	Escalation Factor Thirteenth Period

The escalation factor for this project is: 100.00%

Contract No.: I-17-4297

Consultant: Classen, White & Associates, P.C.

Date: 5/9/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							DIRECT COST OVERTIME PREMIUM		
						Total Estimated Work Hours:	178.00	Total Estimated O/T Hours:	
						Average Hourly Rate:	\$37.11	Average Premium O/T Hourly Rate:	
						Total Direct Labor	\$6,605.58	Total Overtime Premium:	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	
No	Principal	\$50.00	\$70.00						
No	Project Manager	\$40.00	\$70.00	\$49.00	\$49.00	50.00			
No	Senior Engineer/Planner	\$40.00	\$70.00						
No	Resident Engineer	\$40.00	\$70.00						
No	Project Engineer/Planner	\$25.00	\$60.00						
No	Staff Engineer/Planner	\$20.00	\$40.00						
No	Engineer /Accountant	\$20.00	\$60.00	\$33.00	\$33.00	50.00			
No	Senior Technical Specialist	\$25.00	\$60.00	\$38.20	\$38.20	45.00			
No	Technical Specialist	\$15.00	\$50.00	\$26.42	\$26.42	20.00			
No	Architect	\$30.00	\$70.00						
No	Realty Specialists	\$20.00	\$70.00	\$23.00	\$23.00	1.00			
No	Intern	\$8.25	\$20.00	\$12.50	\$12.50	3.00			
No	Admin/Clerical	\$8.25	\$40.00	\$22.00	\$22.00	9.00			

ALLOWABLE DIRECT COSTS

09.12.2018

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

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

ALLOWABLE DIRECT COSTS

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

ALLOWABLE DIRECT COSTS

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

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

NOTES:

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

Contract No.: I-17-4297

Consultant: Claassen, White & Associates, P.C.

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: _____

Project Engineer: _____

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: David A. Claassen, PLS

Classification: Survey

Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

EXHIBIT F

Contract No. I-17-4297.

Claassen, White & Associates, P.C.

SCOPE OF SERVICES

See Attachment A Exhibit F Supplement for Scope of Services.

Attachment A Exhibit F Supplement

Scope of Services

**Claassen White & Associates PC (SUBCONSULTANT)
to Strand Associates, Inc. (ENGINEER)**

**Tri-State Tollway, Roadway Reconstruction,
75th Street (M.P. 22.3) to I-55 Ramps (M.P. 24.1)**

Contract No. I-17-4297

Illinois State Toll Highway Authority (TOLLWAY)

May 9, 2019

I. PROJECT DESCRIPTION

This project is to prepare Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) between 75th Street (M.P. 22.3) and I-55 Ramps (M.P. 24.1).

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

Services to be performed by SUBCONSULTANT include topographical survey, supplemental survey, land survey, and development of plats and legal descriptions. It is anticipated that services of SUBCONSULTANT will be performed within two separate construction contracts. Survey, design, and deliverables shall be in accordance with the TOLLWAY's Design Section Engineer Manual (DSE Manual), all manuals referred to in the DSE Manual, and other applicable design manuals, guidelines, and standards.

II. SUPPLEMENTAL SERVICES TO BE PERFORMED BY SUBCONSULTANT

The scope of supplemental services, defined below, is in addition to the scope of services contained in the original agreement for services.

- A. Land Survey, Plats & Legal Descriptions
 - 1. Revise plats and legal descriptions already developed to incorporate the revised horizontal alignment.
 - 2. Prepare all plat and legal description revisions requested by the TOLLWAY and / or DCM.

EXHIBIT G**CONTRACT I-17-4297****Claassen, White & Associates, P.C.****CURRENT OBLIGATIONS FOR PROJECT 04-29-2019**

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
ISTHA I-11-4029 Sub to RT&A	Survey and Acq Upon Request Land Acquisition/Surveying	\$850,000	\$272,000	03/2019
IDOT PTB 162/023 Sub to Cardno TBE	Utility Relocation Various Land Surveying/Topography	\$50,000	\$9,000	05/2022
IDOT PTB 164/009 Prime	Various Route Surveys Topography	\$500,000	\$1,000	08/2020
IDOT PTB 169/019 Sub to Strand	Illinois Route 47 Topography	\$118,083	\$9,000	08/2019
IDOT PTB 169/025 Sub to Renwick	Various Phase I/II Projects Land Surveying/Topography	\$30,000	\$30,000	11/2020
IDOT PTB 173/014 Sub to Cardno TBE	Subsurface Utility Engineering Surveying Various	\$800,000	\$425,300	01/2021
IDOT PTB 176/005 Prime	Various Route Surveys Topography	\$500,000	\$84,500	06/2019
IDOT PTB 178/005 Sub to RT&A	Land Survey Various Land Surveying	\$100,000	\$80,800	03/2019
IDOT PTB 180/004 Sub to So Deep	Subsurface Utility Engineering Surveying Various	\$1,600,000	\$1,496,300	11/2024
IDOT PTB 180/027 Sub to Hanson	Outdoor Advertising Control Program Services Various	\$200,000	\$82,000	02/2020
IDOT PTB 183/002 Sub to RTA	Various Route Surveys Topography	\$100,000	\$100,000	No Contract
IDOT PTB 184/013 Prime	Land Survey Various Land Acquisition	\$300,000	\$300,000	09/2022
ISTHA RR-16-4256 Sub to Patrick	I-355 Veterans Memorial Tollway Supplemental Survey	\$154,000	\$7,000	05/2022
ISTHA I-17-4297 Sub to Strand	I-294 Tri-State Tollway Land Survey	\$317,848	\$39,688	12/2022
IDOT PTB 185/013 Sub to Hey	Phase I Drainage Studies Topography	UNKNOWN	UNKNOWN	04/2023
IDOT PTB 188/013 Prime	Land Survey Various Land Acquisition	\$300,000	\$300,000	08/2021
IDOT PTB 188/025 Sub to Jorgensen	Various Land Survey Projects Land and Route Survey	\$150,000	\$150,000	09/2023

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

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** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants:	\$	-
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TOTAL Allowable Fee DBE/MBE/WBE Subconsultants:	\$	-
DBE/MBE/WBE Percentage of Total Fee (includes Additional Services):		_____
DBE/MBE/WBE Percentage of Total Fee (does not include Additional Services):		_____

EXHIBIT H - SERVICES BY OTHERS (continued)

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

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

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Contract Information Sheet

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

Consultant Name: Rubino Engineering, Inc.

Contract Number: I-17-4297

Proposal Date: 5/9/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

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

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

Contract Number: I-17-4297

Consultant: Rubino Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2022												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract										1			
SB Mainline Contract													
TOTALS										1			1

Contract No.: I-17-4297

Consultant: Rubino Engineering, Inc.

Date: 5/9/2019

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

CONTRACT TERM: 60 No. OF MONTHS
SCHEDULED START DATE: 11/1/2017
RAISE DATE: 3/1/2018
PERCENT OF RAISE: 0%

ESCALATION PER YEAR Year 1 through 5

11/1/2017 - 2/28/2018	3/1/2018 - 2/28/2019	3/1/2019 - 2/28/2020	3/1/2020 - 2/28/2021	3/1/2021 - 2/28/2022
Date Date	Date Date	Date Date	Date Date	Date Date
4.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0
6.67%	20.00%	20.00%	20.00%	20.00%
Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period

ESCALATION PER YEAR Year 6 through 10

3/1/2022 - 10/31/2022				
Date Date	Date Date	Date Date	Date Date	Date Date
8.0				
60.0	60.0	60.0	60.0	60.0
13.33%				
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period

The escalation factor for this project is: 100.00%

Contract No.: I-17-4297

Consultant: Rubino Engineering, Inc.

Date: 5/9/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							DIRECT COST OVERTIME PREMIUM		
						Total Estimated Work Hours:	110.00	Total Estimated O/T Hours:	
						Average Hourly Rate:	\$35.60	Average Premium O/T Hourly Rate:	
						Total Direct Labor	\$3,916.00	Total Overtime Premium:	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	
No	Principal	\$50.00	\$70.00						
No	Project Manager	\$40.00	\$70.00	\$56.00	\$56.00	8.00			
No	Senior Engineer/Planner	\$40.00	\$70.00						
No	Resident Engineer	\$40.00	\$70.00						
No	Project Engineer/Planner	\$25.00	\$60.00	\$50.00	\$50.00	16.00			
No	Staff Engineer/Planner	\$20.00	\$40.00	\$31.00	\$31.00	65.00			
No	Engineer /Accountant	\$20.00	\$60.00						
No	Senior Technical Specialist	\$25.00	\$60.00						
No	Technical Specialist	\$15.00	\$50.00	\$38.00	\$38.00	11.00			
No	Architect	\$30.00	\$70.00						
No	Realty Specialists	\$20.00	\$70.00						
No	Intern	\$8.25	\$20.00						
No	Admin/Clerical	\$8.25	\$40.00	\$23.50	\$23.50	10.00			

Contract No.: I-17-4297

Consultant: Rubino Engineering, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal			\$50 - \$70
Project Manager	Professional Engineer	Michelle A. Lipinski, PE	\$40 - \$70
Senior Engineer/Planner			\$40 - \$70
Resident Engineer			\$40 - \$70
Project Engineer/Planner			\$25 - \$60
Staff Engineer/Planner	Staff Engineer	Sabina Schmid	\$20 - \$40
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist	Project Manager	Anthony Tomaras	\$25 - \$60
Technical Specialist	Staff Geologist	Jonathan Ignarski	\$15 - \$50
	Project Administrator	Jenna Charak	
	Field Technician	Joe Kenny	
	Field Technician	Mark Przybyla	
	Field Technician	Timothy J. Dunne	
	Field Technician	Tony Rallo	
	Field Technician	Justin Watrobka	
	Field Technician	Christopher Petersen	
	Field Technician	Cassandra Rhoton	
	Field Technician	Andrew Rhoton	
	Laboratory Technician	Jim Villie	
	Laboratory Technician	Myrna Fleege	
Architect			\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Admin	Jenna Charak	\$8.25 - \$40

Contract No.: I-17-4297 Consultant: Rubino Engineering, Inc.

EXHIBIT D

REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES

- A. **VEHICLE REIMBURSEMENT - rate based on link below**
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>

- B. **ALLOWABLE DIRECT COSTS - based on link below**
https://www.illinoistollway.com/documents/20184/238673/LG_TOL_LWAY_XX_ALLOWABLEDIRECTCOSTS_12132013.PDF/b3dab3

- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

DIRECT COST CATEGORY

Drilling / Sampling

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) \$ 35.20

ALLOWABLE DIRECT COSTS

09.12.2018

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

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

ALLOWABLE DIRECT COSTS

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

ALLOWABLE DIRECT COSTS

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

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

NOTES:

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

Contract No.: I-17-4297

Consultant: Rubino Engineering, Inc.

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: Michelle A Lipinski, PE

Project Engineer: _____

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

EXHIBIT F

Contract No. I-17-4297

Rubino Engineering, Inc.

SCOPE OF SERVICES

See Attachment A Exhibit F Supplement for Scope of Services.

Attachment A Exhibit F Supplement

Scope of Services

**Rubino Engineering, Inc. (SUBCONSULTANT)
to Strand Associates, Inc. (ENGINEER)**

**Tri-State Tollway, Roadway Reconstruction,
75th Street (M.P. 22.3 to I-55 Ramps (M.P. 24.1))**

Contract No. I-17-4297

Illinois State Toll Highway Authority (TOLLWAY)

May 9, 2019

I. PROJECT DESCRIPTION

This PROJECT is to prepare Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) between 75th Street (M.P. 22.3) and I-55 Ramps (M.P. 24.1).

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

Supplemental services to be performed by SUBCONSULTANT include the revision of roadway and structure geotechnical reports to incorporate new station values related to the revised horizontal alignment. Sampling and reporting shall be for the corridor and in accordance with the current version of the TOLLWAY's Geotechnical Manual. SUBCONSULTANT will also be responsible for executing the Partnering for Growth Program with Wang Engineering (WANG) as described in the Memorandum of understanding ("Exhibit E" from the ENGINEER's Professional Services Bulletin response).

II. SUPPLEMENTAL SERVICES TO BE PERFORMED BY SUBCONSULTANT

The scope of supplemental services, defined below, is in addition to the scope of services contained in the original agreement for services.

1. Alternative Mainline Alignment Evaluation and Revised Stationing
2. Revise Roadway Geotechnical Report (RGR) for mainline contract I-17-4297, 75th St to I-55 Ramps to incorporate new station values related to the revised horizontal alignment.
3. Revise Structure Geotechnical Reports (SGRs) to incorporate new station values related to the revised horizontal alignment as follows:
 - a. SGR's for three new southbound retaining walls: PR- TS23.75R.
4. Revise letter reports for Noise Walls to incorporate new station values related to the revised horizontal alignment as follows:
 - a. Noise Abatement Wall A - PR-TS24.10N,SB
 - b. Noise Abatement Wall B - PR-TS.22.95N,SB
 - c. Noise Abatement Wall C - PR-TS.22.60N,SB
 - d. Noise Abatement Wall D - PR-TS.22.55N, NB
 - e. Noise Abatement Wall E - PR-TS.22.90N,NB

EXHIBIT G

Contract No. I-17-4297

Rubino 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
I-17-4297	Geotechnical Investigation, Evaluation, and	\$216,799.34	\$3,000.00	12/31/2019
P-11007-111	Park 564 - Geotechnical	\$5,000.00	\$5,000.00	12/31/2019
I-17-4682	EOWA Construction Management Services Upon Request	\$240,000.00	\$208,918.00	12/31/2020
05770-PS185	Edwards Elementary School	\$9,251	\$9,251	12/31/2019
P-16015-055	AIDS Garden Chicago	\$5,087	\$5,087	12/31/2019
P-16015-046	Lincoln Park - Diversey Artificial Turf Field	\$6,700	\$500	12/31/2019
4251CM-1357	Systemwide Construction Management Services	\$8,997	\$8,997	12/31/2019
65965	TERM AGREEMENTS FOR CONSTRUCTION I	\$125,000	\$125,000	12/31/2019

Contract No.: 1-17-4297

Consultant: Rubino Engineering, 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

<p>1</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>	<p>6</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>
<p>2</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>	<p>7</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>
<p>3</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>	<p>8</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>
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** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ _____

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

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

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

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

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)

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Additional Services **		\$	-																												
Total this Subconsultant (ULC)		\$	-																												

5	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Direct Labor</td> <td style="width: 10%; border-bottom: 1px solid black;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;">\$</td> <td style="text-align: center;">-</td> <td></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;">\$</td> <td style="text-align: center;">-</td> <td></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;">\$</td> <td style="text-align: center;">-</td> <td></td> <td></td> </tr> <tr> <td>Total this Subconsultant (ULC)</td> <td></td> <td style="text-align: right;">\$</td> <td style="text-align: center;">-</td> <td></td> <td></td> </tr> </table>	Direct Labor						Direct Costs		\$	-			Services by Others		\$	-			Additional Services **		\$	-			Total this Subconsultant (ULC)		\$	-		
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** Additional services funds require prior authorization before use

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

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

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

Contract Information Sheet

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

Consultant Name: Wang Engineering, Inc.

Contract Number: I-17-4297

Proposal Date: 5/9/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

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

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

Contract Number: I-17-4297

Consultant: Wang Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												Grand Total Exhibit A Hours	154
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL HOURS	
Concept Verification														
Advance Contract														
NB Mainline Contract							40	40	40	33			153	
SB Mainline Contract														
TOTALS							40	40	40	33			153	

Contract Number: I-17-4297

Consultant: Wang Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2020												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract													
TOTALS													0

Contract Number: I-17-4297

Consultant: Wang Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2021												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract													
TOTALS													0

Contract Number: I-17-4297

Consultant: Wang Engineering, Inc.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2022												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract										1			1
SB Mainline Contract													
TOTALS										1			1

Contract No.: I-17-4297

Consultant: Wang Engineering, Inc.

EXHIBIT B: FEE CALCULATIONS

A. DIRECT LABOR (without overtime)

$$\begin{array}{r} \underline{154.00} \\ \text{(Total Work Hours} \\ \text{from Exhibit C-2)} \end{array} \times \$ \begin{array}{r} \underline{39.30} \\ \text{(Average Hourly} \\ \text{Rate from Exhibit} \\ \text{C-2)} \end{array} = \text{TOTAL DIRECT SALARY } \$ \underline{6,052.20}$$

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

DIRECT REGULAR SALARY TIMES MULTIPLIER \$ 16,946.16

B. REIMBURSABLE DIRECT COSTS NOT ELIGIBLE FOR PROFIT
(For Prime Consultant listed above.)

TOTAL DIRECT COSTS \$ \$53.84

C. SERVICES BY OTHERS

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

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

TOTAL SERVICES BY OTHERS \$ _____

D. ADDITIONAL SERVICES (Prime Consultant)

(Requires prior authorization before use)

ADDITIONAL SERVICES (Subconsultants)

(Requires prior authorization before use)

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

E. MAXIMUM ALLOWABLE FEE (Upper Limit of Compensation)

\$ 17,000.00

Contract No.: I-17-4297

Consultant: Wang Engineering, Inc.

Date: 5/9/2019

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

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

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date	Date	Date		
11/1/2017	12/31/2017	1/1/2018	12/31/2018	1/1/2019	12/31/2019	1/1/2020	12/31/2020	1/1/2021	12/31/2021
2.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
3.33%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fourth Period	Escalation Factor Fourth Period	Escalation Factor Fourth Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period	Escalation Factor Fifth Period

ESCALATION PER YEAR Year 6 through 10

Date	Date	Date	Date	Date	Date	Date	Date		
1/1/2022	10/31/2022								
10.0									
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
16.67%									
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Ninth Period	Escalation Factor Ninth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period	Escalation Factor Tenth Period

The escalation factor for this project is: 100.00%

Contract No.: I-17-4297

Consultant: Wang Engineering, Inc.

Date: 5/9/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							<u>DIRECT COST OVERTIME PREMIUM</u>		
						Total Estimated Work Hours:	154.00	Total Estimated O/T Hours:	
						Average Hourly Rate:	\$39.30	Average Premium O/T Hourly Rate:	
						Total Direct Labor	\$6,052.20	Total Overtime Premium:	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	10.00			
No	Project Manager	\$40.00	\$70.00	\$65.75	\$65.75	10.00			
No	Senior Engineer/Planner	\$40.00	\$70.00	\$65.75	\$65.75	10.00			
No	Resident Engineer	\$40.00	\$70.00						
No	Project Engineer/Planner	\$25.00	\$60.00	\$39.17	\$39.17	42.00			
No	Staff Engineer/Planner	\$20.00	\$40.00	\$28.32	\$28.32	61.00			
No	Engineer /Accountant	\$20.00	\$60.00						
No	Senior Technical Specialist	\$25.00	\$60.00						
No	Technical Specialist	\$15.00	\$50.00	\$27.24	\$27.24	10.00			
No	Architect	\$30.00	\$70.00	\$62.69	\$62.69	1.00			
No	Realty Specialists	\$20.00	\$70.00						
No	Intern	\$8.25	\$20.00						
No	Admin/Clerical	\$8.25	\$40.00	\$32.87	\$32.87	10.00			

Contract No.: I-17-4297

Consultant: Wang Engineering, Inc.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	Principal-in-Charge	lordache, Liviu	\$50 - \$70
	Vice President	Farez, Corina	
Project Manager	Project Manager	Snider, Mickey	\$40 - \$70
Senior Engineer/Planner	Senior Engineer	Kurnia, Andri	\$40 - \$70
		Seyhun, Metin	
		Syfert, Gregory	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Project Engineer/Project Geologist	Balakumaran, Sivaneswary	\$25 - \$60
		Datz, Eric	
		Davis, Nathan	
		Gorlagunta, Ravi	
		KC, Ramesh	
		Hamad, Azza	
		Marin, Cornelia	
Staff Engineer/Planner	Project Assistant Engineer/Assistant	Bozga, Francisc	\$20 - \$40
		Rothschild, Tyler	
		Ciapas, Matt	
		Rowells, Jessica	
		Schmelzel, Michael	
Engineer /Accountant			\$20 - \$60
Senior Technical Specialist			\$25 - \$60
Technical Specialist	Laboratory Technician	lordache, Corina	\$15 - \$50
		Mohammed, Asifuddin	
		Jacob, Koshykunju	
Architect	QC/QA Reviewer	Kothawala, Mohammed	\$30 - \$70
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Project Administrative Assistant	Davis, Chad	\$8.25 - \$40
		Toner, Daniel	

EXHIBIT D

REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES

- A. **VEHICLE REIMBURSEMENT - rate based on link below**
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>

- B. **ALLOWABLE DIRECT COSTS - based on link below**
https://www.illinoistollway.com/documents/20184/238673/LG_TOL_LWAY_XX_ALLOWEDIRECTCOSTS_12132013.PDF/b3dab3

- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

DIRECT COST CATEGORY

None

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) \$ 53.84

ALLOWABLE DIRECT COSTS

09.12.2018

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

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

ALLOWABLE DIRECT COSTS

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

ALLOWABLE DIRECT COSTS

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

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

NOTES:

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

Contract No.: I-17-4297

Consultant: Wang Engineering, Inc.

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: _____

Project Engineer: _____

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: Mickey Snider, PE

Classification: Geotechnical Lead

Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

EXHIBIT F

Contract No. I-17-4297

Wang Engineering, Inc.

SCOPE OF SERVICES

See Attachment A Exhibit F Supplement for Scope of Services.

Attachment A Exhibit F Supplement

Scope of Services

**Wang Engineering, Inc. (SUBCONSULTANT)
to Strand Associates, Inc. (ENGINEER)**

**Tri-State Tollway, Roadway Reconstruction,
75th Street (M.P. 22.3) to I-55 Ramps (M.P. 24.1)**

Contract No. I-17-4297

Illinois State Toll Highway Authority (TOLLWAY)

May 9, 2019

I. PROJECT DESCRIPTION

This project is to prepare Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) between 75th Street (M.P. 22.3) and I-55 Ramps (M.P. 24.1).

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

Services to be performed by SUBCONSULTANT include soil sampling, geotechnical engineering and the development of roadway and structure geotechnical reports. Sampling and reporting shall be for the corridor and in accordance with the current version of the TOLLWAY's Geotechnical Manual. SUBCONSULTANT will also be responsible for executing the Partnering for Growth Program with Rubino Engineering (RUBINO) as described in the Memorandum of understanding ("Exhibit E" from the ENGINEER's Professional Service Bulletin response).

II. SUPPLEMENTAL SERVICES TO BE PERFORMED BY SUBCONSULTANT

The scope of supplemental services, defined below, is in addition to all scope of services contained in the original agreement for services.

- A. Alternative Mainline Alignment Evaluation and Revised Stationing
 - 1. Revise Roadway Geotechnical Report (RGR) for mainline contract I-17-4297, 75th St to I-55 Ramps to incorporate new station values related to the revised horizontal alignment.
 - 2. Revise Structure Geotechnical Reports (SGRs) to incorporate new station values related to the revised horizontal alignment:
 - i. SGR for Bridge 193, NB I-294 over Wolf Rd.
 - ii. SGR for Bridge 194, SB I-294 over Wolf Rd.
 - iii. SGR for Bridge 195, NB I-294 over Joliet Rd.
 - iv. SGR for Bridge 196, SB I-294 over Joliet Rd.
 - v. SGR for Bridge 243, NB I-294 over Flagg Creek.
 - vi. SGR for Bridge 244, SB I-294 over Flagg Creek.
 - vii. SGR's for two new southbound retaining walls: PR-TS23.35R, PR- and TS23.60R.
 - viii. SGR's for one new northbound retaining wall PR-TS23.55R.
 - ix. Revise NB noise wall letter report to incorporate new station values related to the revised horizontal alignment

EXHIBIT G

Contract No. I-17-4297

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
I-17-4297 PSB 17-3, Item 2 Wang 195-14 01 (Strand)	Geotechnical Engineering Services	\$ 336,962.76	\$ 17,000.00	Oct-19
I-11-4014 PSB 12-3, Item 2 Wang 450-03 03 (Jacobs)	Geotechnical Engineering Services	\$ 3,470,000.00	\$ 1,070,000.00	May-20
I-13-4622 PSB 13-4, Item 01 Wang 630-09 01 (Stanley)	Geotechnical Engineering Services	\$ 2,950,000.00	\$ 1,453,355.00	Dec-19
RR-14-4222 PSB 14-3, Item 02 Wang 314-19 01 (BB&A)	Geotechnical Engineering Services	\$ 556,614.00	\$ 76,099.00	Jan-19
RR-14-4223 PSB 14-3, Item 3 Wang 790-83 01 (TranSystems)	Geotechnical Engineering Services	\$ 1,754,548.89	\$ 52,490.26	Jan-19
RR-16-4265 PSB16, Item 01 Wang 1100- 09-01 (AECOM)	Geotechnical Engineering Services	\$ 937,000.00	\$ 113,000.00	Jun-19

I-17-4675 PSB 17-2 Item 02 Wang 393-10-00 (Infrastructure)	Geotechnical Engineering Services	\$ 400,000.00	\$ 346,967.56	Dec-19
I-17-4275 PSB 17-2 Item 07 Wang 775-19-01 (Ciorba)	Geotechnical Engineering Services	\$ 1,170,576.52	\$ 281,068.52	Dec-19
I-17-4276 PSB 17-2 Item 08 Wang 213-04-00 (HBM)	Geotechnical Engineering Services	\$ 100,000.00	\$ 83,589.00	Dec-19
RR-18-4381 PSB 18-2 Item 04 Wang 747-01-01 (Lochmuller)	Geotechnical Engineering Services	\$ 36,964.00	\$ 20,655.00	Jun-19
D-91-408-11 PTB 159-001 Wang 630-08-01	Geotechnical Engineering Services	\$ 787,411.00	\$ 117,617.01	Dec-19
D-91-227-13 PTB 163-001 Wang 1100-04-01	Geotechnical Engineering Services	\$ 2,476,189.00	\$ 77,425.31	Dec-20
D-91-101-15 PTB 174-07 Wang 811-04-00	Geotechnical Engineering Services	\$ 23,288.00	\$ 23,288.00	Feb-19
P-91-225-15 PTB 175-05 Wang 630-10-00	Geotechnical Engineering Services	Task Orders	Task Orders	-
P-91-224-15 PTB 175-11 Wang 255-32-00	Geotechnical Engineering Services	Task Orders	Task Orders	-
P-92-022-15/D-92-022-15 PTB 176-11 Wang 751-07-01	Geotechnical Engineering Services	\$ 215,213.00	\$ 209,111.00	Dec-20
P-94-004-15 and D-94-036-15 PTB 176-15 Wang 707-21-01	Geotechnical Engineering Services	TBD	TBD	Oct-20

D-91-020-16 PTB 177-04 Wang 199-01 00	Geotechnical Engineering Services	TBD	TBD	Oct-20
D-91-321-16 PTB 180-02 Wang 491-03 00	Geotechnical Engineering Services	\$ 125,349.00	\$ 125,349.00	Dec-19
P-92-005-15 PTB 181-09 Wang 412-09 00	Geotechnical Engineering Services	Task Orders	TBD	Oct-19
D-91-177-17 PTB 182-01 Wang 555-16 00	Geotechnical Engineering Services	\$ 300,000.00	\$ 229,186.11	Jan-20
D-92-018-13 P180435	Geotechnical Engineering Services	\$ 36,500.00	\$ 36,500.00	Sep-20

EXHIBIT H - SERVICES BY OTHERS

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

DBE/MBE/WBE SUBCONSULTANTS

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

TOTAL DBE/MBE/WBE Subconsultants: **\$** _____ -

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

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

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

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

EXHIBIT H - SERVICES BY OTHERS (continued)

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

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

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

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

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

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

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

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	Direct Costs	\$ -	
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	Additional Services **	\$ -	
	Total this Subconsultant (ULC)	\$ -	

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

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

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

** Additional services funds require prior authorization before use

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

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

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

Contract Information Sheet

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

Consultant Name: Wynndalco Enterprises, LLC

Contract Number: I-17-4297

Proposal Date: 5/9/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

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

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

Contract Number: I-17-4297

Consultant: Wyndalco Enterprises, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												Grand Total Exhibit A Hours	TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
Concept Verification														
Advance Contract														
NB Mainline Contract							120	120	108	100	100	100		648
SB Mainline Contract														
TOTALS							120	120	108	100	100	100		648

Contract Number: I-17-4297

Consultant: Wyndalco Enterprises, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2020												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract													
TOTALS													0

Contract Number: 1-17-4297

Consultant: Wynndalco Enterprises, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2021												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract													
TOTALS													0

Contract Number: I-17-4297

Consultant: Wyndalco Enterprises, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2022												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract										1			
SB Mainline Contract													
TOTALS										1			1

Contract No.: I-17-4297

Consultant: Wyndalco Enterprises, LLC

Date: 5/9/2019

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

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

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date	Date	Date		
11/1/2017	12/31/2017	1/1/2018	12/31/2018	1/1/2019	12/31/2019	1/1/2020	12/31/2020	1/1/2021	12/31/2021
2.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
3.33%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period	Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period

ESCALATION PER YEAR Year 6 through 10

Date	Date	Date	Date	Date	Date	Date	Date		
1/1/2022	10/31/2022								
10.0									
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
16.67%									
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period	Escalation Factor Eleventh Period	Escalation Factor Twelfth Period	Escalation Factor Thirteenth Period	Escalation Factor Fourteenth Period	Escalation Factor Fifteenth Period

The escalation factor for this project is: 100.00%

Contract No.: I-17-4297

Consultant: Wynndalco Enterprises, LLC

Date: 5/9/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							<u>DIRECT COST OVERTIME PREMIUM</u>		
						Total Estimated Work Hours:	649.00	Total Estimated O/T Hours:	
						Average Hourly Rate:	\$49.78	Average Premium O/T Hourly Rate:	
						Total Direct Labor	\$32,307.22	Total Overtime Premium:	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)	
No	Principal	\$50.00	\$70.00						
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	140.00			
No	Senior Engineer/Planner	\$40.00	\$70.00	\$60.09	\$60.09	151.00			
No	Resident Engineer	\$40.00	\$70.00						
No	Project Engineer/Planner	\$25.00	\$60.00	\$44.71	\$44.71	258.00			
No	Staff Engineer/Planner	\$20.00	\$40.00						
No	Engineer /Accountant	\$20.00	\$60.00						
No	Senior Technical Specialist	\$25.00	\$60.00						
No	Technical Specialist	\$15.00	\$50.00	\$19.00	\$19.00	100.00			
No	Architect	\$30.00	\$70.00						
No	Realty Specialists	\$20.00	\$70.00						
No	Intern	\$8.25	\$20.00						
No	Admin/Clerical	\$8.25	\$40.00						

Contract No.: I-17-4297 Consultant: Wynndalco Enterprises, LLC

EXHIBIT D

REIMBURSABLE DIRECT COSTS - WORKSHEET ESTIMATES

- A. **VEHICLE REIMBURSEMENT - rate based on link below**
<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.asp>

- B. **ALLOWABLE DIRECT COSTS - based on link below**
https://www.illinoistollway.com/documents/20184/238673/LG_TOL_LWAY_XX_ALLOWEDIRECTCOSTS_12132013.PDF/b3dab3

- C. **ITEMIZED DIRECT COSTS - For any expense not included in the Allowable Direct Costs list, written permission must be received from the Chief Engineer prior to its inclusion. List those below:**

DIRECT COST CATEGORY

none

TOTAL DIRECT COSTS (Vehicles, Allowable and Itemized) \$ 39.78

ALLOWABLE DIRECT COSTS

09.12.2018

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

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

ALLOWABLE DIRECT COSTS

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

ALLOWABLE DIRECT COSTS

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

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

NOTES:

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

Contract No.: I-17-4297

Consultant: Wynndalco Enterprises, LLC

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: Gerald E Koylass

Project Engineer: _____

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: _____

 Classification: _____

 Name: _____

 Classification: _____

 Name: _____

 Classification: _____

 Name: _____

 Classification: _____

EXHIBIT F

Contract No. I-17-4297

Wynndalco Enterprises, LLC

SCOPE OF SERVICES

See Attachement A Exhibit F Supplement for Scope of Services.

Attachment A Exhibit F Supplement

Scope of Services

**Wynndalco Enterprises, LLC (SUBCONSULTANT)
to Strand Associates, Inc. (ENGINEER)**

**Tri-State Tollway, Roadway Reconstruction,
75th Street (M.P. 22.3) to I-55 Ramps (M.P. 24.1)**

Contract No. I-17-4297

Illinois State Toll Highway Authority (TOLLWAY)

May 9, 2019

I. PROJECT DESCRIPTION

This project is to prepare Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) between 75th Street (M.P. 22.3) and I-55 Ramps (M.P. 24.1).

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

Services to be performed by SUBCONSULTANT include structural design of retaining walls and corresponding drawing and specification development. It is anticipated that services of SUBCONSULTANT will be performed within a single construction contract. Design and submittals shall be in accordance with the TOLLWAY's Design Section Engineer Manual (DSE Manual), all manuals referred to in the DSE Manual, and other applicable design manuals, guidelines, and standards.

II. SUPPLEMENTAL SERVICES TO BE PERFORMED BY SUBCONSULTANT

The scope of supplemental services, defined below, is in addition to the scope of services contained in the original agreement for services.

A. Additional Retaining Walls

1. Perform Wall Type Studies for two proposed retaining walls: PR-TS22.95R,NB and PR-TS23.30R,SB.
2. Perform design for the aforementioned retaining walls.
3. Develop Type, Size, and Location (TS&L) drawings for the two aforementioned retaining walls.
4. Review Structure Geotechnical Report (SGR) prepared by OTHERS for the two aforementioned retaining walls.
5. Communicate with geotechnical subconsultant that prepared SGR as it pertains to the SUBCONSULTANT's scope of services for the two aforementioned retaining walls. Submit drawings to geotechnical subconsultant for review and comment for the two aforementioned retaining walls.
6. Prepare contract drawings, specifications, standard details, special details, and special provisions for the two aforementioned retaining walls for the two aforementioned retaining walls.
7. Meet with and assist ENGINEER, as appropriate, in developing the preliminary, pre-final, and final contract documents, design and quantity calculations, opinion of probable construction cost, and construction schedule pertaining to the scope of services of SUBCONSULTANT for the two aforementioned retaining walls.

8. Assist ENGINEER with disposition of comments provided by the TOLLWAY and / or the DCM for the two aforementioned retaining walls.

EXHIBIT G

Contract No. I-17-4297

Wynndalco Enterprises, 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
Various P-91-442- 14	IDOT-Ph I Studies for Various Projects	\$300,000.00	\$300,000.00	11/1/2019
Various Routes D-91-101- 15	IDOT-Ph II Studies for Various Projects	\$250,000.00	\$40,000.00	12/1/2018
I-280 P-92-017- 10/D-92- 017-10	I-280 over the Mississippi River near Milan, Phase I and II Engineering Services	\$37,500.00	\$10,000.00	12/1/2018
Various Routes D-92-047- 16	Various Phase II Engineering Services for Bridge Rehabilitation Various Routes, Various Counties	\$500,000.00	\$100,000.00	9/30/2020
Various Routes RFQ 1628- 15166	Cook County Department of Transportation - Design Engineering Services	\$250,000.00	\$250,000.00	1/1/2020
Various Routes No. K60418	Metra - Structural Services	\$350,000.00	\$20,000.00	3/24/2021
Various Routes No. K460451	Metra - Station, Parking Lot and Road Facilities	\$819,000.00	\$30,000.00	6/26/2021

EXHIBIT H - SERVICES BY OTHERS

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

DBE/MBE/WBE SUBCONSULTANTS

1	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Direct Labor</td> <td style="width: 20%; border-bottom: 1px solid black;"></td> <td style="width: 50%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> </tr> <tr> <td>Total this Subconsultant (ULC)</td> <td style="border-bottom: 1px solid black;"></td> <td style="text-align: right;">\$ -</td> </tr> </table>	Direct Labor			Direct Costs			Services by Others			Additional Services **			Total this Subconsultant (ULC)		\$ -
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** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ -

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

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

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

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

EXHIBIT H - SERVICES BY OTHERS (continued)

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

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

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

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

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

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

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

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

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

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

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

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

** Additional services funds require prior authorization before use

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

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: Stantec Consulting Services.

Contract Number: I-17-4297

Proposal Date: 5/9/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

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

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

Contract Number: I-17-4297

Consultant: Stantec Consulting Services.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2019												Grand Total Exhibit A Hours	TOTAL HOURS	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
	Concept Verification														
Advance Contract															
NB Mainline Contract							80	80	80	63					303
SB Mainline Contract															
TOTALS							80	80	80	63					303

Contract Number: I-17-4297

Consultant: Stantec Consulting Services.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2021												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract													
TOTALS													0

Contract Number: I-17-4297

Consultant: Stantec Consulting Services.

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2022												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract										1			1
TOTALS										1			1

Contract No.: I-17-4297

Consultant: Stantec Consulting Services.

Date: 5/9/2019

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

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

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date	Date	Date		
11/1/2017	12/31/2017	1/1/2018	12/31/2018	1/1/2019	12/31/2019	1/1/2020	12/31/2020	1/1/2021	12/31/2021
2.0		12.0		12.0		12.0		12.0	
60.0		60.0		60.0		60.0		60.0	
3.33%		20.00%		20.00%		20.00%		20.00%	
Factor First Period		Escalation Factor Second Period		Escalation Factor Third Period		Escalation Factor Fourth Period		Escalation Factor Fifth Period	

ESCALATION PER YEAR Year 6 through 10

Date	Date	Date	Date	Date	Date	Date	Date		
1/1/2022	10/31/2022								
10.0									
60.0		60.0		60.0		60.0		60.0	
16.67%									
Escalation Factor Sixth Period		Escalation Factor Seventh Period		Escalation Factor Eighth Period		Escalation Factor Ninth Period		Escalation Factor Tenth Period	

The escalation factor for this project is: 100.00%

Contract No.: I-17-4297

Consultant: Stantec Consulting Services.

Date: 5/9/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							DIRECT COST OVERTIME PREMIUM			
<p>'Yes' must be selected in Column A</p>							Total Estimated Work Hours:	304.00	Total Estimated O/T Hours:	4.00
							Average Hourly Rate:	\$49.26	Average Premium O/T Hourly Rate:	\$15.92
							Total Direct Labor	\$14,975.04	Total Overtime Premium:	\$63.68
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)		
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	10.00				
No	Project Manager	\$40.00	\$70.00	\$70.00	\$70.00	40.00				
No	Senior Engineer/Planner	\$40.00	\$70.00	\$64.63	\$64.63	40.00				
No	Resident Engineer	\$40.00	\$70.00							
No	Project Engineer/Planner	\$25.00	\$60.00	\$45.94	\$45.94	40.00				
No	Staff Engineer/Planner	\$20.00	\$40.00	\$31.40	\$31.40	40.00				
Yes	Engineer /Accountant	\$20.00	\$60.00	\$39.38	\$39.38	43.00	19.69	1.00		
No	Senior Technical Specialist	\$25.00	\$60.00	\$55.72	\$55.72	40.00				
Yes	Technical Specialist	\$15.00	\$50.00	\$38.28	\$38.28	39.00	19.14	1.00		
No	Architect	\$30.00	\$70.00	\$45.94	\$45.94	4.00				
No	Realty Specialists	\$20.00	\$70.00							
Yes	Intern	\$8.25	\$20.00	\$19.05	\$19.05	4.00	9.53	1.00		
Yes	Admin/Clerical	\$8.25	\$40.00	\$30.64	\$30.64	4.00	15.32	1.00		

Contract No.: I-17-4297

Consultant: Stantec Consulting Services.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
Principal	Principal	Christopher Aaron Daly	\$50 - \$70
	Principal	Gene Davis	
	Principal	Anil Dean	
	Principal	Don E. Del Nero	
	Principal	Soad Kousheshi	
	Principal	Mark A. Liktenhus	
	Principal	Gary S. Powell	
	Principal	Michael Sturdevant	
	Project Manager	Project Manager/Liaison Engineer	Luca DeBellis
Project Manager/Liaison Engineer		C. Anthony Hunley	
Project Manager/Liaison Engineer		Peter Josefchak	
Project Manager/Liaison Engineer		Thera Novotny	
Project Manager/Liaison Engineer		David L. Pieniazek	
Project Manager/Liaison Engineer		Marlene Wong	
Senior Engineer/Planner	Senior Engineer	Brian E. Aldridge	\$40 - \$70
	Senior Engineer	William A. Amrhein	
	Senior Engineer	Thomas G. Andrews	
	Senior Engineer	Richard E. Barrie	
	Senior Engineer	Justin D. Bartels	
	Senior Engineer	Viro DiCosola	
	Senior Engineer	Mohammad Djavid	
	Senior Engineer	Barry Doyle	
	Senior Engineer	Tom Fidler	
	Senior Engineer	Bob L Flener	
	Senior Engineer	Steve Fradkin	
	Senior Engineer	Angel Galarza	
	Senior Engineer	Jan Hansen	
	Senior Engineer	Glenn Hardin	
	Senior Engineer	Tao Jiang	
	Senior Engineer	Michael Lawler	
	Senior Engineer	Brian K. Leonardson	
	Senior Engineer	Charles Lounsberry	
	Senior Engineer	Darren A. Milanowicz	
	Senior Engineer	Wade P. Moore	
Senior Engineer	Lynn M. Mortensen		
Senior Engineer	Vik Negi		
Senior Engineer	Gary C. Patel		
Senior Engineer	Michael Perry		

Contract No.: I-17-4297

Consultant: Stantec Consulting Services.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Senior Engineer	Kirk Peterson	
	Senior Engineer	Michael Phan	
	Senior Engineer	Steve Pierce	
	Senior Engineer	Jonathon D. Pohl	
	Senior Engineer	Paul M. Pohlod	
	Senior Engineer	David Paul Powers	
	Senior Engineer	Julian Prada	
	Senior Engineer	Charuti Punjani	
	Senior Engineer	Juan E. Quiroz	
	Senior Engineer	Ryan Raske	
	Senior Engineer	Eric Reeves	
	Senior Engineer	Susan Rich	
	Senior Engineer	Gerald Rosario	
	Senior Engineer	Brad H. Sayers	
	Senior Engineer	Kaim Siakoohi	
	Senior Engineer	Wayne Warburton	
	Senior Engineer	Yong Wu	
Resident Engineer			\$40 - \$70
Project Engineer/Planner	Engineer	Eric Adkins	\$25 - \$60
	Engineer	Callie Allbright	
	Engineer	Julio Aybar	
	Engineer	Andis Berzins	
	Engineer	Dustin J. Book	
	Engineer	Michael Brewster	
	Engineer	Nedda Djavid	
	Engineer	Alex K. Ericksen	
	Engineer	Nathaniel M. Grossmann	
	Engineer	John M. Hynes	
	Engineer	Jonathan Kanaga	
	Engineer	Melissa Madara	
	Engineer	Brandon McNeal	
	Engineer	Abid Mirza	
	Engineer	Matthew Norup	
	Engineer	Jon Pearson	
	Engineer	Brian P. Shea	
	Engineer	Kenny T. Sim	
	Engineer	Christopher R. Stanuch	
	Engineer	Cresencio Teodoro	

Contract No.: I-17-4297

Consultant: Stantec Consulting Services.

Date: 5/9/2019

EXHIBIT C-3: DIRECT LABOR EMPLOYEE CLASSIFICATION LIST

Tollway Classification	Consultant Classification (specific to each company)	Consultant Employee Name (SEE NOTE 1 TO RIGHT)	Range per Hour
	Engineer	Matthew Verheyen	
Staff Engineer/Planner	Graduate/EIT	Elne Barnard	\$20 - \$40
	Graduate/EIT	Eric Deyaert	
	Graduate/EIT	Dowon (Ed) Eom	
	Graduate/EIT	Harris Hassan	
	Graduate/EIT	Nelson Wienke	
Engineer /Accountant	Engineering Technician	Kevin Conner	\$20 - \$60
	Engineering Technician	Alan Farmer	
	Engineering Technician	Dominik Nestorowicz	
	Engineering Technician	Ramon Tolentino	
	Engineering Technician	Eric Trimble	
	Engineering Technician	Laura Valdez	
Senior Technical Specialist	Environmental Scientist	Steven T. Bedross	\$25 - \$60
	Planner	Simon Binau	
	Environmental Scientist	Richard F. Bollinger	
	Graphic Support	Anthony LaBella	
	Civil Designer	Mohammad Moridzadeh	
	Mechanical Designer	Cristiana Nicolae	
	Environmental Specialist	Michael de Villers	
Technical Specialist	Graphic Support	Tunde Agunbiade	\$15 - \$50
	Graphic Support	Jennifer Caroland-Shaw	
	Graphic Designer	Audrey Cropp	
	Information Technology	William Gilven	
	Information Technology	Brad Lybarger	
	Geoscientist	Hannah Maas	
	CADD Drafter	Jason Snair	
Architect	Architect	Chuehuei Joseph Huang	\$30 - \$70
	Architect	Dalton M. LaVoie	
	Architect	Gaylyn Maddock	
	Architect	Christine Manitta	
	Senior Architect	Brian Reno	
	Architect	Dana Rizzo	
	Associate Architect	Maisha Ruth	
	Architect	Gabriel Stoia	
Realty Specialists			\$20 - \$70
Intern			\$8.25 - \$20
Admin/Clerical	Administration	Caroln Beard	\$8.25 - \$40
	Administration	Nancy Shipley	

ALLOWABLE DIRECT COSTS

09.12.2018

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

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

ALLOWABLE DIRECT COSTS

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

ALLOWABLE DIRECT COSTS

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

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

NOTES:

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

Contract No.: I-17-4297

Consultant: Stantec Consulting Services.

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: Gary S. Powell, SE

Project Engineer: _____

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: Brad H. Sayers, SE, PE

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

EXHIBIT F

Contract No. I-17-4297

Stantec Consulting Services.

SCOPE OF SERVICES

See Attachment A Exhibit F Supplement for Scope of Services.

Attachment A Exhibit F Supplement

Scope of Services

**Stantec Consulting Services (SUBCONSULTANT)
to Strand Associates, Inc. (ENGINEER)**

**Tri-State Tollway, Roadway Reconstruction,
75th Street (M.P. 22.3) to I-55 Ramps (M.P. 24.1)**

Contract No. I-17-4297

Illinois State Toll Highway Authority (TOLLWAY)

May 9, 2019

I. PROJECT DESCRIPTION

This project is to prepare Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) between 75th Street (M.P. 22.3) and I-55 Ramps (M.P. 24.1).

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

Services to be performed by SUBCONSULTANT include roadway and structural design and engineering including drainage, sediment and erosion control, permitting assistance, three-dimensional (3-D) Computer Aided Drafting and Design (CADD) modeling assistance, review of bridges and retaining walls, review of contract quantities, review of opinion of probable construction cost, and corresponding drawing and specification development. It is anticipated that services of SUBCONSULTANT will be performed within two separate construction contracts. Design and deliverables shall be in accordance with the TOLLWAY's Design Section Engineer Manual (DSE Manual), all manuals referred to in the DSE Manual, and other applicable design manuals, guidelines, and standards.

II. SUPPLEMENTAL SERVICES TO BE PERFORMED BY SUBCONSULTANT

The scope of supplemental services, defined below, is in addition to the scope of services contained in the original agreement for services.

- A. Alternative Mainline Alignment Evaluation
 - 1. Evaluate impacts of an alignment shift for the following structures:
 - i. Bridge I.D. No. 193 (I-294 NB over Wolf Road)
 - ii. Bridge I.D. No. 194 (I-294 SB over Wolf Road)
 - iii. Bridge I.D. No. 195 (I-294 NB over Joliet Road)
 - iv. Bridge I.D. No. 196 (I-294 SB over Joliet Road)
 - 2. Evaluate impacts of an alignment shift on the drainage concept design.
- B. Revised Stationing
 - 1. Revise structural and drainage drawings to reflect new stationing related to the revised horizontal alignment.

EXHIBIT G

Contract No. I-17-4297

Stantec Consulting Services.

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
EOWA PSB 13- 1/21 I-13-4614	Phase II Design Upon Request, Elgin O'Hare Western Access	\$5,000,000.00	\$355,000.00	8/1/2020
EOWA PSB 15- 2/07 I-15-4658	Phase II DSE Services for Bensenville Yard Underpass; Elgion O'Hare Western Access, I-294 to I-90, South of Irving Park Road to West of County Line Road/Mt. Prospect Road	\$35,803,000.00	\$8,905,000.00	TBD (contract suspended)
I-294 PSB 17- 3/02 I-17-4297	Phase II DSE Services , as subconsultant, for superstructure replacement, structure widening, drainage and erosion control; Central Tri-State Tollway from 75th Street to I-55 Ramps	\$1,626,000.00	\$892,000.00	10/1/2022
I-88 PSB17-3/32 RR-17-4313	Phase II DSE Services, as subconsultant, for Pavement Preservation and Rehabilitation and drainage from East of Washington St. to York Rd.	\$170,000.00	\$4,000.00	8/1/2019
Various PSB 18- 3/06 I-18-4409	Phase III Construction Management Services Upon Request, Systemwide	\$3,000,000.00	\$1,405,000.00	6/30/2022
I-190 PTB 156/006 C-91-366- 10	Phase III Construction Engineering Services; I-190 at I-294 - Pump Station No. 24	\$2,731,000.00	\$0.00	6/1/2019
I-55 PTB 158/002 P-91-762- 10	Phase I Preliminary Engineering and Environmental Service for the I-55 Managed Lanes Study from approximately I-355 to I-94	\$13,844,000.00	\$128,000.00	8/1/2019

IL 22 PTB 158/003 D-91-236- 11	Phase II Design Engineering Services, as subconsultant, for roadway, drainage, miscellaneous retaining wall structures - IL Rte 22 from Quentin Rd. to West fo IL Rte 83	\$232,000.00	\$0.00	6/1/2019
I-90/I-190 PTB 173/007	Phase III Construction Engineering Services; I-90/I-190 (Kennedy Expy) at Cumberland Avenue (Flyover)	\$4,799,000.00	\$38,000.00	7/1/2019
Various PTB 175/011	Phase I Various Preliminary Engineering and Environmental Services throughout District 1	\$1,800,000.00	\$91,000.00	12/1/2019
I-80 PTB 184/004	Phase III Construction Engineering Services; Group A Structures Eastbound - I-80 from IL 53 (Chicago Street) to Rowell Avenue	\$4,438,000.00	\$2,725,000.00	TBD est. 04/2021 (awaiting NTP)
Various PTB 189/004	Phase I Various Preliminary Engineering and Environmental Services throughout District 1	\$2,000,000.00	\$1,620,000.00	1/15/2024

EXHIBIT H - SERVICES BY OTHERS

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

DBE/MBE/WBE SUBCONSULTANTS

<p>1</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>	<p>6</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>
<p>2</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs _____</p> <p>Services by Others _____</p> <p>Additional Services ** _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>	<p>7</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>
<p>3</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>	<p>8</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>
<p>4</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>	<p>9</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>
<p>5</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>	<p>10</p> <hr/> <p>Direct Labor _____</p> <p>Direct Costs \$ _____</p> <p>Services by Others \$ _____</p> <p>Additional Services ** \$ _____</p> <p>Total this Subconsultant (ULC) \$ _____</p>

** Additional services funds require prior authorization before use

TOTAL DBE/MBE/WBE Subconsultants: \$ _____

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

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

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

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

EXHIBIT H - SERVICES BY OTHERS (continued)

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

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

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

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

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

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

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

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

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

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

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

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

** Additional services funds require prior authorization before use

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

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

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

Contract Information Sheet

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

Consultant Name: Eskenazi & Farrell Associates, LLC

Contract Number: I-17-4297

Proposal Date: 5/9/2019

Exhibit Pointers Editable cells in each exhibit are underlined in red

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

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

Contract Number: I-17-4297

Consultant: Eskenazi & Farrell Associates, LLC

EXHIBIT A: ESTIMATED TASK WORK HOURS

TASK	MONTHS of YEAR 2021												TOTAL HOURS
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Concept Verification													
Advance Contract													
NB Mainline Contract													
SB Mainline Contract													
TOTALS													0

Contract No.: I-17-4297

Consultant: Eskenazi & Farrell Associates, LLC

Date: 5/9/2019

EXHIBIT C-1: PAYROLL CLASSIFICATION ESCALATION TABLE

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

ESCALATION PER YEAR Year 1 through 5

Date	Date	Date	Date	Date	Date	Date	Date		
11/1/2017	12/31/2017	1/1/2018	12/31/2018	1/1/2019	12/31/2019	1/1/2020	12/31/2020	1/1/2021	12/31/2021
2.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
3.33%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Factor First Period	Escalation Factor Second Period	Escalation Factor Third Period	Escalation Factor Fourth Period	Escalation Factor Fifth Period	Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period

ESCALATION PER YEAR Year 6 through 10

Date	Date	Date	Date	Date	Date	Date	Date
1/1/2022	10/31/2022						
10.0							
60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
16.67%							
Escalation Factor Sixth Period	Escalation Factor Seventh Period	Escalation Factor Eighth Period	Escalation Factor Ninth Period	Escalation Factor Tenth Period	Escalation Factor Eleventh Period	Escalation Factor Twelfth Period	Escalation Factor Thirteenth Period

The escalation factor for this project is: 100.00%

Contract No.: 1-17-4297

Consultant: Eskenazi & Farrell Associates, LLC

Date: 5/9/2019

Escalation Factor: 100.00%

(From Exhibit C-1)

EXHIBIT C-2: DIRECT LABOR CLASSIFICATION MAN-HOURS AND RATES							DIRECT COST OVERTIME PREMIUM	
<p style="text-align: right;">Total Estimated Work Hours: <u>241.00</u></p> <p style="text-align: right;">Average Hourly Rate: <u>\$44.45</u></p> <p style="text-align: right;">Total Direct Labor <u>\$10,712.45</u></p>							<p style="text-align: right;">Total Estimated O/T Hours: _____</p> <p style="text-align: right;">Average Premium O/T Hourly Rate: _____</p> <p style="text-align: right;">Total Overtime Premium: _____</p>	
Classification Eligible for Premium Overtime?	Tollway Classification	Tollway MINIMUM Hourly Rate for Classification	Tollway MAXIMUM Hourly Rate for Classification	Average Hourly Rate for Classification (See Note A to Right)	Escalated Average Hourly Rate for Classification (See Note B to Right)	Estimated Work Hours (Including Overtime)	Escalated Average Premium Overtime Hourly Rate (See Note C to Right)	Estimated Overtime Hours (Overtime Hours Only) (See Note D to Right)
No	Principal	\$50.00	\$70.00	\$70.00	\$70.00	5.00		
No	Project Manager	\$40.00	\$70.00	\$58.56	\$58.56	13.00		
No	Senior Engineer/Planner	\$40.00	\$70.00	\$67.05	\$67.05	29.00		
No	Resident Engineer	\$40.00	\$70.00					
No	Project Engineer/Planner	\$25.00	\$60.00	\$51.25	\$51.25	56.00		
No	Staff Engineer/Planner	\$20.00	\$40.00					
No	Engineer /Accountant	\$20.00	\$60.00					
No	Senior Technical Specialist	\$25.00	\$60.00	\$56.28	\$56.28	38.00		
No	Technical Specialist	\$15.00	\$50.00	\$27.00	\$27.00	80.00		
No	Architect	\$30.00	\$70.00					
No	Realty Specialists	\$20.00	\$70.00					
No	Intern	\$8.25	\$20.00					
No	Admin/Clerical	\$8.25	\$40.00	\$24.37	\$24.37	20.00		

ALLOWABLE DIRECT COSTS

09.12.2018

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

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

ALLOWABLE DIRECT COSTS

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

ALLOWABLE DIRECT COSTS

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

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

NOTES:

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

Contract No.: I-17-4297

Consultant: Eskenazi & Farrell Associates, LLC

EXHIBIT E - KEY PROJECT PERSONNEL

Project Principal: _____

Project Manager: _____

Project Engineer: _____

Resident Engineer: _____

Documentation Engineer: _____

Project Civil Engineer: _____

Project Structural Engineer: _____

Project Drainage Engineer: _____

Senior Engineer: _____

Others: Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

Name: _____

Classification: _____

EXHIBIT F

Contract No. I-17-4297

Eskenazi & Farrell Associates, LLC

SCOPE OF SERVICES

See Attachment A Exhibit F Supplement for Scope of Services.

Attachment A Exhibit F Supplement

Scope of Services

**Eskenazi & Farrell Associates, LLC (SUBCONSULTANT)
to Strand Associates, Inc. (ENGINEER)**

**Tri-State Tollway, Roadway Reconstruction,
75th Street (M.P. 22.3) to I-55 Ramps (M.P. 24.1)**

Contract No. I-17-4297

Illinois State Toll Highway Authority (TOLLWAY)

May 9, 2019

I. PROJECT DESCRIPTION

This project is to prepare Phase II engineering services for the preparation of contract drawings and specifications and project related permits for the proposed improvements including, but not limited to, reconstruction of the Tri-State Tollway (I-294) between 75th Street (M.P. 22.3) and I-55 Ramps (M.P. 24.1).

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

Services to be performed by SUBCONSULTANT include structural design of noise walls and corresponding drawing and specification development. It is anticipated that services of SUBCONSULTANT will be performed within a single construction contract. Design and deliverables shall be in accordance with the TOLLWAY's Design Section Engineer Manual (DSE Manual), all manuals referred to in the DSE Manual, and other applicable design manuals, guidelines, and standards.

II. SUPPLEMENTAL SERVICES TO BE PERFORMED BY SUBCONSULTANT

The scope of supplemental services, defined below, is in addition to all scope of services contained in the original agreement for services.

- A. Additional Noise Abatement Wall
 - 1. Perform design for noise wall TS22.30N,SB.
 - 2. Prepare contract drawings, specifications, standard details, special details, and special provisions for noise wall TS22.30N,SB.

EXHIBIT G

CONTRACT I-17-4297

(Eskenazi & Farrell Associates, 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
UIUC PSSU15043	UIUC Freer Hall Pool Infill Renovation and Building Envelope Evaluation and Repair. Infill and build-out 2-3 levels of existing pool area and adjacent spaces develop additional research lab and office spaces for the Department of Kinesiology and Community Health and College of Applied Health Services. Evaluation and repair of the existing envelope of the North Addition of Freer Hall.	\$81,000.00	\$5,000.00	2019
ISTHA RR-14-4223	Tri-State Tollway, Roadway Study, 95 th Street (M.P. 17.5) to Cermak Road (M.P. 29.5). Evaluation and Reports for Various Structural Buildings on Tollway Plazas to document exterior wall deficiencies. Enter and update documents to the ISTHA Project Wise database.	\$221,618.00	\$53,539.63	11/2019
UIC PSSC14046	UIC Hospital New Lobby	\$80,000.00	\$40,000.00	2020
UIC PSSC17003	Medical Sciences Building Research Labs Feasibility Study	\$35,000.00	\$29,431.00	2019
CDB 546-385-039	Capital Developmnt Board Construct Addition & Renovation Marseilles Armory LaSalle Co, IL	\$22,000.00	\$4,000.00	2019
QBS 111017	Illinois State University Julian Hall Cyber Security Building Normal, IL	\$22,000.00	\$4,000.00	2019
CDB 104-212-017	Pullman Historic Site North Factory Building Renovation Chicago, IL	\$7,400.00	\$5,000.00	2019
CDB 630-000-234	Department of Transportation Hillside Storage Building Replacement Hillside, IL	\$5,200.00	\$4,000.00	2019
UIUC U17017	University of Illinois at Urbana-Champaign Life Home Research Home and Laboratory Facility Champaign, IL	\$20,950.00	\$3,000.00	2019
UIUC U18015	University of Illinois at Urbana-Champaign Materials Science and Engineering Building Elevator Modernization Urbana, IL	\$4,650.00	\$3,000.00	2019

EXHIBIT G

CONTRACT I-17-4297

(Eskenazi & Farrell Associates, LLC)

CURRENT OBLIGATIONS FOR PROJECT (continued)

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
UIUC U19053	University of Illinois at Urbana-Champaign Krannert Center for Performing Arts East Gallery Renovation Champaign, IL	\$12,200.00	\$12,500.00	2020
UIC C19044	University of Illinois at Chicago Building 909 – College of Medicine 5 th Floor Modifications	\$8,000.00	\$8,000.00	2020
UIUC U18005	University of Illinois at Urbana-Champaign Noyes Laboratory 1 st Floor Renovation Urbana, IL	\$5,200.00	\$1,000.00	2019
UIUC U18077	University of Illinois at Urbana-Champaign Illinois Simulation Laboratory South Clinic Renovation Urbana, IL	\$3,000.00	\$1,500.00	2019
UIUC U18086	University of Illinois at Urbana-Champaign DIA Track & Field Office Replacement Champaign, IL	\$10,000.00	\$10,000.00	2020
CMS 250-510-018	IL Dept. of Central Management Services Chicago Medical Center Office & Laboratory Building Secure Electrical Vaults Cook County, IL	Under Contract	TBD	2020
CDB 321-100-127	Capital Development Board Samuel H. Shapiro Center Roof Replacement Kankakee County, IL	\$8,500.00	\$8,500.00	2021
CDB 814-010-081	Chicago State University Elevator Renovation Cook County, IL	\$3,750.00	\$3,750.00	2020

Contract No.: I-17-4297

Consultant: Eskenazi & Farrell Associates, LLC

EXHIBIT H - SERVICES BY OTHERS

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

DBE/MBE/WBE SUBCONSULTANTS

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

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

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

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

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

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

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

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

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

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

** Additional services funds require prior authorization before use

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

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

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

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

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

EXHIBIT H - SERVICES BY OTHERS (continued)

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

OTHER SUBCONSULTANTS (NOT DBE/MBE/WBE)

1	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Direct Labor</td> <td style="border-bottom: 1px solid black; width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 5%;"></td> </tr> <tr> <td>Direct Costs</td> <td style="border-bottom: 1px solid black;"></td> <td></td> <td></td> </tr> <tr> <td>Services by Others</td> <td style="border-bottom: 1px solid black;"></td> <td></td> <td></td> </tr> <tr> <td>Additional Services **</td> <td style="border-bottom: 1px solid black;"></td> <td></td> <td></td> </tr> <tr> <td>Total this Subconsultant (ULC)</td> <td style="border-bottom: 1px solid black; text-align: right;">\$</td> <td style="text-align: right;">-</td> <td></td> </tr> </table>	Direct Labor				Direct Costs				Services by Others				Additional Services **				Total this Subconsultant (ULC)	\$	-	
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** Additional services funds require prior authorization before use

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

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

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