

PROFESSIONAL SERVICES BULLETIN 16-2

STATEMENTS OF INTEREST are due by 4:30 p.m. (local time)

Due Date: February 29, 2016

Successful Offerors will be notified.

**Overall results will be posted on the Illinois
Procurement Bulletin and the Tollway's website.**

Professional Services Bulletin

No. 16-2

Published January 27, 2016

ISTHA web site: www.illinoistollway.com



Illinois Tollway
2700 Ogden Avenue, Downers Grove, IL 60515

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PART I: THE SCHEDULE

1.1 CONTACT INFORMATION

Illinois Toll Highway Authority
2700 Ogden Avenue
Downers Grove, IL 60515

Professional Services Bulletin (PSB) 16-2 is the official notice of needed professional services for the Illinois Tollway, as authorized by the Illinois Procurement Code 30 ILCS 535. This PSB contains information pertaining to the advertisement for Statements of Interest (SOI) and is part of the official Illinois Procurement Bulletin for the Illinois State Toll Highway Authority. PSB 16-2, including all Exhibits and forms, is available on the Tollway's website at <http://www.illinoistollway.com/doing-business/construction-engineering/professional-services-bulletin>. Additional information is also posted on the Illinois Procurement Bulletin at <http://www.purchase.state.il.us>. For instructions on accessing the Tollway website, PSB, and Exhibits please refer to the Table of Contents. Instructions on receiving procurement opportunities are included in the "Illinois Procurement Bulletin (IPB) Notice" section of this PSB.

All questions related to this Professional Services Bulletin must be submitted electronically to the Statement of Interest (SOI) Mailbox at SOIPSB.16-2@getipass.com at least 10 days prior to the submittal date of February 29, 2016. The subject line should read: PSB 16-2 Question. Answers will be addressed via an Addendum published on the IPB. Please call if you need assistance: (630)241-6800, ext. 3311.

This is not an invitation for bids. Firms properly prequalified for the projects listed herein may indicate their desire to be considered for selection by submitting Statements of Interest to the Tollway at SOIPSB.16-2@getipass.com. The Tollway follows the Qualifications Based Selection (QBS) process mandated by Illinois statute (30 ILCS 535/1: Architectural, Engineering, and Land Surveying Qualifications Based Selection Act) for selecting qualified consultants under this PSB.

SOI email submittals must be received by February 29, 2016, 4:30:00 P.M. CT. Any emails or partial submittals received after that time shall be considered late and your submittal will be deemed non-responsive.

1.2 Acceptance of Scanned Signatures

Unless otherwise specified, the parties agree that proposals, contracts, certifications and disclosures, and other contract related documents to be entered into in connection with the resulting contract will be considered signed when the signature of a party is delivered by scanned image (e.g. .pdf or .tiff file extension name) as an attachment to electronic mail (email). Such scanned signature will be treated in all respects as having the same effect as an original signature.

1.3 Professional Services Bulletin No. 16-2 Item Index

Item No.	Project No.	Description	Page No.
1	RR-15-9975R	Consulting Engineer. Consulting Engineer Services.	3
2	RR-15-9976R	Traffic Engineer. Traffic Engineer Services.	26

1.4 Professional Services Bulletin No. 16-2 Item Detail

Details follow for both PSB 16-2 items.

1.4.1 Item 1.RR-15-9975R, Consulting Engineer Services

This project has a 20% D/M/WBE participation goal and 1% VOSB/SDVOSB participation goal.

The Tollway requests Consulting Engineer Services as per the Tollway's Trust Indenture and as described below. The Illinois State Toll Highway Authority (Tollway), which has been created and derives its power and authority under and pursuant to "An Act in relation to the construction, operation, regulation, and maintenance of a system of toll highways, and to create the Illinois State Toll Highway Authority, and to define its powers and duties, approved August 7, 1967," [605 Illinois Compiled Statutes (ILCS) 10/1 et seq.], requires the services of an independent engineer or engineering firm or corporation having a nationwide and favorable reputation for skill and experience to provide consulting engineering services as the Consulting Engineer for the Tollway.

The Consultant shall propose their method for providing these services as outlined in the attached.

1.4.1.1 CONTRACT TERM

This contract shall provide for a three (3) year term, with two (2), one-year options to renew, subject to the Tollway's periodic review, approval and satisfaction with the Consulting Engineer's performance and may be terminated by the Tollway at any time upon a stipulated notice period, or extended upon agreement of both parties.

Certain contracts require that a prime consultant and/or subconsultant cannot perform other services for the Tollway. Those contracts are the Consulting Engineer, Traffic Engineer and Program Management Office. See paragraph 2.1 for additional information.

1.4.1.2 CONTRACT PROVISIONS AND PREQUALIFICATIONS:

Selection of professional consultants by the Tollway is not based on competitive bidding, but on the firms' professional qualifications, related experience and the expertise of key personnel to be assigned to the project.

SUBCONTRACTING: Subcontracting areas of pre-qualification is acceptable.

SUB-CONSULTANT SERVICES: If a firm requires a subconsultant to meet the requirements of an area requiring pre-qualifications as indicated below, the firm fulfilling this pre-qualification requirement must be identified in the Statement of Interest (SOI).

PRE-QUALIFICATIONS: To be considered for this project, firms must be pre-qualified by the Illinois Department of Transportation (IDOT) in:

Highways: Freeways; Roads and Streets

Structures: Highway Simple; Highway Typical; Highway Advanced Typical; Highway Complex; Railroad Bridges; Major Bridges;

Special Studies: Location Drainage; Signal Coordination and Timing (SCAT); Safety; Feasibility; Traffic

Special Plans: Traffic Signals; Lighting- Typical Lighting and Complex Lighting; and Pumping Stations

Location/Design Studies: Rehabilitation; Reconstruction/Major Rehabilitation; New Construction/Major Reconstruction

Hydraulic Reports: Waterway - Typical; Waterway - Complex; and Pump Station

Geotechnical Services: Subsurface Explorations; General Geotechnical Services; Structure Geotechnical Reports (SGR); Complex Geotechnical/Major Foundations

Environmental Reports: Environmental Assessment (EA); Environmental Impact Statements (EIS)

Special Transportation Studies: Mass Transit; Railway Engineering

Special Services: Surveying; Aerial Mapping and LiDAR; Electrical Engineering; Mechanical; Sanitary; Architecture; Landscape Architecture; Hazardous Waste: Simple, Hazardous Waste: Advanced; Asbestos Abatement Surveys; Construction Inspection; Quality Assurance Testing; Subsurface Utility Engineering

If the Offeror is not prequalified in all of the categories listed above, the Tollway will allow a Prime consultant to meet the prequalifications through a subconsultant. The Offeror must clearly identify each category in which it is not prequalified, and identify its subconsultant who is prequalified in that category.

1.4.1.3 ORAL PRESENTATIONS

Some or all of the firms submitting SOIs for the project may, at the sole discretion of the Tollway, be required to appear for an oral presentation. The oral presentations, if required, shall be conducted so as to solicit additional information and enable the Tollway to evaluate the capability of the applicable Offerors in providing the desired services. If the Tollway notifies a Offeror that an oral presentation is required, the Tollway shall inform that Offeror of the schedule, order and procedure for the presentation, including its content, time limits, and use of handouts and visual aids. The Tollway may tape record and/or videotape any presentations. The oral presentations, if any, shall be evaluated by the Selection Committee. Notwithstanding the foregoing, the Tollway emphasizes that it may elect to forego oral presentations for all or some Offerors. Consequently, all SOIs should be comprehensive and clear. No Offeror should rely upon the opportunity to present additional or clarifying information later.

1.4.1.4 SCHEDULE

This project is scheduled to start in January 2017.

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

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

1.4.1.5 REQUEST FOR QUALIFICATIONS: CONSULTING ENGINEER SERVICES

1.4.1.5.1 PROJECT ASSIGNED

The Tollway intends to select a Consulting Engineer who will operate as an extension of, and in complete coordination with, the Tollway's staff with respect to all projects that now or in the future are studied, designed, and constructed or operated by the Tollway. To that end, the Consulting Engineer shall be expected to represent and forward the interests of the Tollway throughout all aspects and phases of the Tollway's activities and shall, when and as requested by the Tollway, fully support the Tollway in its dealings with contractors and suppliers, engineers and other consultants, the Tollway's counsel and accountants, the Tollway's Traffic Engineer, the Tollway's Program Manager, rating agencies and underwriters, governmental entities and the public, all in accordance with the highest professional standards. As more specifically described in this RFQ, the Consulting Engineer shall be expected to commit the personnel and resources required to respond promptly and fully to the responsibilities and tasks assigned by the Tollway throughout the term of the Consulting Engineer's performance of the services.

In addition, the Consulting Engineer shall perform the obligations of the "Consulting Engineers" under the Tollway's current Trust Agreements, as amended, and all supplemental, superseding or additional trust agreements (collectively, the "Trust Agreements"). The Tollway has covenanted in Section 709 of the Trust Indenture pertaining to the Illinois State Toll Highway Authority that, until

the bonds issued in accordance with the Trust Agreement and the interest thereon shall have been paid or provision for such payment shall have been made, it will employ the "Consulting Engineers" for the purpose of performing and carrying out the duties imposed on it by the Trust Agreement. Those duties are summarized in 1.4.1.5.4, below, and provide a general listing of the types of obligations the Consulting Engineer will be required to perform under the Trust Agreements.

1.4.1.5.2 SCOPE OF CONSULTANT SERVICES:

The required consulting engineer services will encompass all of the elements of consulting engineering associated with the planning, design, construction, operation, financing, management, and coordination of a toll highway system. The Tollway anticipates that the Consulting Engineer will not be required to prepare detailed design and construction plans, but the Consulting Engineer should be prepared to perform that work if unexpected circumstances cause the Tollway to request it. Further, the Consulting Engineer shall be required to prepare, review, and/or modify project-wide typical standard designs, pavement designs, and standard typical sections as may be required.

For a detailed description of the *anticipated* consulting engineer services, refer to 1.4.1.5.4, Anticipated Scope of Services.

1.4.1.5.3 GUIDELINES FOR SUBMITTING STATEMENTS OF INTEREST:

In addition to Section 4.3 GUIDELINES FOR SUBMITTING STATEMENTS OF INTEREST (SOI) REFERENCE SECTION of this PSB, all Statements of Interest shall include:

I. Project Team Matrix and Staffing Plan

The Offeror shall submit a project team matrix that clearly illustrates the key personnel of the organizational structure proposed to accomplish the management, technical, and administrative services required. The Offeror shall identify the Project Principal, the Project Manager, the Deputy Project Managers (DPM), and the key technical staff of the team. The firm employing each of these key personnel must be identified.

Project Manager (PM)

The Offeror shall identify and provide detailed relevant information concerning the PM to be assigned to this project for the duration of the Agreement. The successful Offeror will not be able to substitute individuals for the PM or DPM positions without the Tollway's express written approval. The Offeror should address all measures it intends to take to ensure continuity for these and all other key staff positions. The PM shall be an Illinois Licensed Professional Engineer or hold a similar license in another state and be capable of obtaining a license in Illinois within six (6) months.

Project Principal

The Offeror shall identify and provide detailed relevant information concerning the Project Principal to be assigned to this project for the duration of the Agreement. They shall oversee the Project Manager and shall report to the Chief Engineer.

Key Personnel

The Offeror shall identify and provide relevant information concerning the Offeror's other project management and key technical personnel including the proposed Deputy Project Managers. These individuals can be the employees of any firm on the team. Key personnel must include, but not be limited to:

A. Design Project Managers

- Must be Illinois Licensed Professional Engineer.*
- B. Construction Project Managers
Must be Illinois Licensed Professional Engineer.
- C. Roadway Engineer
Must be Illinois Licensed Professional Engineer.
- D. Drainage Engineer
Must be Illinois Licensed Professional Engineer.
- E. Electrical Engineer
Must be Illinois Licensed Professional Engineer.
- F. Mechanical Engineer
Must be Illinois Licensed Professional Engineer.
- G. Structural Engineer
Must be an Illinois Licensed Structural Engineer.
- H. Environmental Specialist
Must be knowledgeable in the applicable permitting and Resource Agency regulations.
- I. Urban Planner
Must have a minimum of ten years of experience in transportation planning and community relations.
- J. Architect
Must be an Illinois Licensed Architect.
- K. Landscape Architect
Must be an Illinois Licensed Landscape Architect.
- L. Information Technology (IT) Professionals
Preferred to be
- **Professional Electrical or Computer Engineer, who is a an Illinois Licensed Professional Engineer, with five (5) years of ITS design experience,**
 - *Communications Design Engineer, who has minimum 4 years of training and experience in fiber optic (single mode (SM) and multi-mode (MM)) data communications, local and wide area network design, fundamentals of digital communication packet switching and routing, wireless communication technologies (radio, cellular, wifi, bluetooth, etc.) and has experience specifying communication equipment and writing communication system testing procedures.*
- M. Intelligent Transportation System (ITS) Professionals
Preferred to be
- *Certified Professional Traffic Operations Engineer (P.T.O.E),*
 - *Professional Electrical or Computer Engineer, who is a an Illinois Licensed Professional Engineer, with five (5) years of ITS design experience,*
 - *Communications Design Engineer, who has minimum 4 years of training and experience in fiber optic (single mode (SM) and multi-mode (MM)) data communications, local and wide area network design, fundamentals of digital communication packet switching and routing, wireless communication technologies (radio, cellular, wifi, blue tooth, etc.) and has experience specifying communication equipment and writing communication system testing procedures.*
- N. Leadership in Energy and Environmental Design (LEED) Professional
The Offeror should also provide information relative to the capabilities and resources of its lead Illinois office, any Illinois branch offices, and a listing of Illinois office personnel by discipline that would be assigned to this project that have not been identified above.

II. Relevant Project Experience Consulting Engineer Services

Include a minimum of three (3) **relevant** projects of equal or greater complexity accomplished within the past five (5) years, demonstrating the firm's experience in the type of work required for this project. The use of photos is highly discouraged. **Include the following for each project identified in the categories below:**

- Project name
- Project location
- Project manager(s) and key staff
- A brief description of the project and the work performed, including the project's size, complexity, and fee
- Name, address, telephone number, and e-mail address of client contact to serve as reference

Tollway Projects

Include additional projects that specifically identify and describe the firm's experience related to Tollway projects, including the Illinois Tollway or any other Tollways in the United States. The Offeror should also provide the **total** firm's billings for the past five (5) years in performing typical general consulting civil engineering services on Tollway projects, and briefly identify those projects.

Other Transportation Projects

The Offeror should summarize any relevant experience working with transportation agencies and other governmental bodies operating in this region and/or with which the Tollway regularly works or interacts, including the Illinois Department of Transportation (IDOT), the Federal Highway Administration (FHWA), the Environmental Protection Agency, and the United States Army Corps of Engineers.

Trust Indenture or Similar Services

The Offeror should include additional projects that specifically identify and describe the firm's experience related to providing certifications, issuing reports, providing evaluations and otherwise performing services similar to those required of the Consulting Engineer under the Tollway's Trust Indenture requirements. A description of those services is provided in Section 1.4.1.5.4 ANTICIPATED SCOPE OF SERVICES: *CONSULTANT ENGINEER SERVICES*.

Project Management and Coordination Experience

The Offeror must describe its experience in providing project management and coordination services similar to the services required and described in 1.4.1.5.4 ANTICIPATED SCOPE OF SERVICES: *CONSULTANT ENGINEER SERVICES*. This description should specifically address the Offeror's record in delivering completed projects on time and on budget.

Cost Estimating Experience

The Offeror must describe its experience in providing cost estimating services similar to the services required and described in 1.4.1.5.4 ANTICIPATED SCOPE OF SERVICES: *CONSULTANT ENGINEER SERVICES* for a minimum of five (5) projects. This description should specifically address the Offeror's process for producing accurate cost estimates and the specific methods used in developing the cost estimates.

1.4.1.5.4 ANTICIPATED SCOPE OF SERVICES: CONSULTING ENGINEER SERVICES

NOTE: The Anticipated Scope of Services is being provided to the Offerors as part of the Request for Qualifications for informational purposes only, and is intended to provide Offerors with a general idea of all aspects of work they may be required to perform. The Tollway reserves the right to make reasonable modifications and clarifications to this form prior to its attachment to the Agreement for Consultant Engineer Services to be negotiated between the Tollway and the Consulting Engineer.

The selected Offeror shall be able and qualified to perform the following tasks, as evidenced in the Offeror's Statement of Interest. Please refer to the Tollway's website to understand the scope of the *Move Illinois* program: www.illinoistollway.com.

I. Project Description

This project requires professional services of the Consulting Engineer for a wide range of governmental relations, public liaison, technical, management, administrative, maintenance and operational services, advanced project development services, engineering, feasibility evaluation, and planning to assist bringing to completion as expeditiously as possible various projects for the Tollway and to support the operation, maintenance, construction, and evaluation thereof.

The Consulting Engineer will operate as an extension of, and in complete coordination with, the Tollway's staff. To that end, the Consulting Engineer shall be expected to represent and forward the interests of the Tollway throughout all aspects and phases of the Tollway's activities and shall, when and as requested by the Tollway, fully support the Tollway in its dealings with contractors and suppliers, engineers and other consultants, the Tollway's counsel and accountants, the Traffic Engineer, rating agencies, bond insurers and underwriters, governmental entities and the public in accordance with the highest professional standards.

The Consulting Engineer shall provide qualified technical and professional personnel to perform to the highest professional standards the duties and responsibilities assigned under the terms of this Agreement. Unless otherwise instructed by the Tollway, the Consulting Engineer shall minimize to the greatest extent possible the Tollway's need to apply its own resources to assignments authorized by the Tollway. The Tollway, at its option, may elect to expand, reduce, or delete the extent of each work element described in this Scope of Services document, provided such action does not alter the intent of this Agreement.

The Tollway shall request Consulting Engineer services on an as-needed basis. There is no guarantee that any or all of the services described in this Agreement will be assigned during the term of this Agreement. Further, the Consulting Engineer is providing these services on a nonexclusive basis. The Tollway, at its option, may elect to have any of the services set forth herein performed by other consultants or the Tollway's staff.

II. Items of Work to be Included in the Contract

The Consulting Engineer's services under this Agreement shall be as described in this Scope of Services, in accordance with the requirements of the Tollway's Design Section Engineer's Manual, as amended by the Tollway, and herein specified. The design criteria and policies, Standard Specifications, materials and construction requirements of the Illinois State Toll Highway Authority shall apply throughout.

The following types of work elements may be assigned under the terms of this Agreement.

A. Responsibilities Under Bond Resolutions and Trust Indenture

The Consulting Engineer shall serve as the Tollway's "Consulting Engineer" as defined and set forth in the Tollway's Trust Agreements, incorporated herein by reference, performing responsibilities of the Consulting Engineers as assigned in the Trust Indentures, the related

Bond Resolutions and amending resolutions and supplemental resolution thereto, which are incorporated herein by reference.

These services are described below:

1. Consulting Engineer's Annual Report: The Annual Report shall summarize the major accomplishments of the previous year's operations and shall also discuss the Tollway's current plan for projects. It shall review the major issues facing the Tollway and shall qualitatively discuss how the Tollway is handling them.

The Annual Report shall provide an overview of the coordinated results of the joint field inspections and include information on the general condition of the System with overall recommendations for maintenance required on the Facility. Traffic and Safety statistics obtained from the Tollway's Maintenance and Traffic Division shall be incorporated into this report. Recommendations for insurance coverage to protect against any loss of revenue shall be made during the year. The Annual Report shall restate the Consulting Engineer's insurance recommendations and include a list of current policies and the amounts of coverage.

2. Annual Inspection: The Consulting Engineer shall perform the annual inspection of the Tollway facility utilizing a combination of Tollway personnel, the Engineering Consultant's personnel, any Subconsultants, and other consultants to the Tollway. Each of these entities shall be responsible for the inspection of various elements of the Tollway Facility. The Consulting Engineer shall assist in coordinating the work of these entities.

Upon completion of all inspection, the Consulting Engineer shall compile, review, and coordinate the inspection results for presentation in a report for each of the eleven Maintenance Sections. Each report shall provide a condition summary of the Tollway Facility and recommendations for addressing problem areas or deficiencies found during the inspection.

Field inspections performed on roadway, drainage structures, bridges, Tollway buildings, toll plazas and facilities, constitute the majority of the effort required in support of the annual inspection and report. The Consulting Engineer shall submit a schedule of inspections and report submittals for the Tollway approval at the beginning of the year.

The Consulting Engineer shall meet with the Tollway personnel to perform the joint annual inspection. The objectives of the inspection are, first, to document the physical condition of the Tollway Facility, and second, to identify potential problem areas. When problems are found, for action by the Tollway's Maintenance Section Manager at the Maintenance Section, they will be presented in accordance with a ranking priority for each item identified. The Consulting Engineer will estimate the amount of work required and provide this information to the Maintenance Section Manager.

3. Tollway Meetings, Budgets, and Insurance Review: The Consulting Engineer shall attend and participate in Tollway meetings. These meetings shall include program review, board meetings and special meetings on a number of topics, which are not project specific. The coordination and discussion that occurs at these meetings shall intend to keep the Tollway advised of the Consulting Engineers activities and resolve issues that occur.

Perform the budget review services in accordance with the requirements of the Trust Indenture. Upon evaluation of the initial draft of the proposed budget and review of the revenue collections and expenditures to date with projections for the remainder of the year, the Consulting Engineer shall make recommendations for acceptance or revisions. The Tollway will prepare and issue Monthly Financial Highlight Reports which contains

the status of all current accounts in the budget. The Consulting Engineer shall review the reports to make sure that the requirements of the Trust Indenture are satisfied. The Consulting Engineer shall make recommendations for fund allocation to the Renewal and Replacement Account based on the requirements of the existing System and the Consulting Engineer's assessment of its condition.

Participate with the Tollway in meetings to review the new budget and the projects it contains.

4. Insurance Review: The complete infrastructure of the Tollway System shall be reviewed, inventoried and valued in order to determine the replacement cost for significant components of the infrastructure. Each lane mile increase, interchange or ramp widening shall be accounted for in order to develop Replacement Cost values for insurance purposes.

The Consulting Engineer shall review and recommend insurance coverage to be maintained by the Tollway.

5. Fund Allocation Analysis: Review the financial operations, and then during the year, develop recommendations for fund allocation adjustments between the Renewal/Replacement and Improvement Program.
6. Certification: When requested by the Tollway, issue various certifications of project costs, replacement costs for facilities, various stages of project completion, construction expenses and major improvement deposits to support the sale of bonds.
7. Legal Assistance: Furnish information to be used in the defense of lawsuits brought against the Tollway or to provide back-up material for suits and countersuits initiated by the Tollway's General Counsel.
8. Permit Review: When requested by the Tollway, provide services to assist the Tollway in the review process prior to the approval of a permit by the Tollway's Board of Directors.

These responsibilities are defined further in the Amended and Restated Trust Indenture, effective March 31, 1999.

B. Technical and Administrative Assistance

The Consulting Engineer may be authorized to provide technical and administrative project support to the Tollway by:

1. Attending meetings of the Board of Directors of the Tollway, meetings of the Committees of the Board, Board and/or staff workshops, and regularly scheduled and special staff meetings.
2. Developing, implementing, and maintaining a document control and a filing system which shall govern the distribution and file copies of all program-related correspondence, reports, plans, technical data, etc. of the Consulting Engineer. Said system shall be subject to the Tollway's approval. Program/project files shall be transferred to the Tollway upon completion of the work or as otherwise directed by the Tollway.
3. The Consulting Engineer may be required to provide personnel capable of providing technical support for a Client/Server Sequel (SQL) database system that tracks capital budget, all engineering projects, board resolutions, pay estimates, invoices, etc. The Consulting Engineer will be responsible for managing relational data, setting data

workflows, retrieval, reporting and analysis. The system must be able to work with data accessed over web-based services.

The Consulting Engineer may be required to provide personnel capable of serving as a liaison on all projects including those with an Information Technology focus. The consultant may assist in monitoring Requests for Proposals, evaluating, and overseeing Information Technology studies. Expertise in networking (Cisco routers, NT, Microsoft Solutions Expert (MCSE)) required as well as expertise in telecommunication systems. The Tollway's Information Technology department (IT) includes full telecommunication support of a Tollway-wide Private Branch Exchange (PBX) system, microwave system, 800 MHZ radio system, and multiple T1 connections, as well as control of extensive fiber installations.

In addition to working on current projects, the Consulting Engineer may assist in identifying additional projects related to IT. Review and oversight of the Information Technology department's planning processes, project management processes, and disaster recovery preparation may be part of the consultant's services.

The Consulting Engineer may also be required to have staff proficient in Geographic Information System (GIS) and Traffic Incident Management System (TIMS). The Tollway may require the Consulting Engineer to provide comprehensive services for assistance in the design, review, and implementation of GIS and TIMS. The consultant may be required to provide such GIS proficient staff to be located at the Tollway's offices in order to oversee GIS and TIMS technology implementation.

They should be experienced in, but not limited to GIS related software such as: Environmental Systems Research Institute, Inc. (ESRI), Intergraph, MapInfo, and Bentley Systems.

The Consulting Engineer should be prepared to provide the previously stated technical expertise and support staff on-site upon request by the Tollway. This expertise and/or support may be sub-contracted through the Consulting Engineer contract.

4. Analyzing claims against the Tollway arising out of a project or work thereon, and provide support as required to resolve such claims
5. Furnishing testimony in hearings, condemnation proceedings or other litigation, and preparing trial exhibits
6. Representing the Tollway at regional meetings task teams, Tollway technical and staff meetings, agency coordination meetings, Technical Work Group meetings with IDOT and/or other parties and other meetings of governmental or quasi-governmental bodies, as requested by the Tollway
7. Representing the Tollway before civic, charitable, homeowners' or similar groups that request a speaker to discuss the Tollway's planned or ongoing activities
8. Generating slides, graphs, photographs, charts, computer or audio/visual presentation, or other presentation aides for the Tollway, together with papers, reports, news releases and similar items
9. Monitoring costs of the Tollway's projects and/or operations and notifying the Tollway when budgetary issues arise
10. In addition to the Consulting Engineers obligations to fully review the consultants' work product prior to phase submittals to the Tollway and/or other parties, performing general

review, coordination, and liaison work among the Tollway, design section engineers, IDOT, Federal Highway Administration (FHWA), interested public or private entities, and local governments to achieve efficiency and continuity in project planning design and construction

11. Apprising the Tollway's staff, consultants and/or Board of Directors of recent or innovative developments, trends or significant issues regarding tollway design, financing or operation that may be applicable to the Tollway
12. Assistance in developing the Tollway's Annual and Multi-Year Program for Renewal/Replacement and Improvement Projects
13. Reviewing and updating programs to maintain logical and realistic short-and long-term strategies for the rehabilitation/reconstruction of various tollways
14. Certifying that the Tollway's treatment plants conform to the Illinois Environmental Protection Agency (IEPA) regulations
15. Providing support to the Tollway for fiber optic and microwave projects relating to design review and implementation of these communication system projects
16. Providing support services to the Business Systems Department for the IPASS Program and the Toll Collection Equipment Replacement Program along with general support to closed circuit surveillance television and toll collection field problems
17. Providing support services during the preparation of Request for Proposals and development of plans and specifications to support Information Technology, Business Systems, Operations and other Tollway departments. At the request of the Tollway, the Consulting Engineer shall provide support services during the implementation phase of the fiber optic network, the Synchronous Optical Network (SONET) equipment and other related projects.
18. Providing assistance in the review of software development and integration of new computer based systems in the Tollway's Toll Collection Equipment Replacement Program. Also provide assistance to various Departments and Divisions to evaluate and recommend new technologies for implementation and to identify system needs for accommodating these technologies.

The Consulting Engineer shall provide general engineering advice and assistance to the Tollway, the selected design section engineers, and construction managers in regard to the design and construction of the applicable projects, as well as to the designated "General Counsel" of the Tollway, in connection with all legal matters, duties, and services required in designing, constructing, maintaining or operating the projects.

The Consulting Engineer will be responsible for the transportation, care, cataloging and maintenance of the Tollway's original construction documents. These documents consist of all the record plans for the construction of the Illinois Tollway System. The documents currently occupy approximately 2,000 square feet. With this task, the Consulting Engineer will also be responsible in furnishing full size copies of record drawings at the request of the Tollway or to a Design Section Engineer with the Tollway's approval. The request will include the contract number, drawing number, and the Consulting Engineer shall have no more than five (5) working days to provide the copy.

C. Contract Support

1. Assist the Tollway in undertaking special projects, assignments, and studies including, but not limited to collecting data for submittal to governmental bodies, professional organizations, and other entities or the public.
2. Develop a transition plan to be implemented upon termination of the Agreement with the Consulting Engineer to ensure a smooth, efficient and uninterrupted transition to any successor Consulting Engineer.
 - a. Assist the Tollway in contract development, scheduling, and evaluation activities such as:
 - Developing scope of services, special contract provisions, and project concept reports
 - Developing Requests for Qualifications/Proposal(s)/scope packages
 - Preparing estimated staffing requirements and estimates of costs for proposed services
 - Developing milestone schedules of overall time relationships authorized for the performance of services and coordination between various entities that are to be involved in a project
 - Preparing for, coordinating, and/or conducting scope of services, meetings and preparing official minutes
 - Reviewing and providing comments on consultant technical proposals, responses, and letters of interest
 - Analyzing, interviewing, evaluating and negotiating with proposed or current consultants
 - b. Assist the Tollway in contract and change management activities such as:
 - Reviewing and determining the validity of consultant claims for extra work, extensions of time for performance of services and other claims
 - Developing and issuing Requests for Qualifications/Proposal(s) for supplemental services
 - Developing and processing of Requests for Supplemental Services/Supplemental Agreements/Charge Orders to obtain the Tollway's internal approvals for consultant performance of supplemental services
 - Reviewing and evaluating of appropriateness of consultant submitted fee proposals for supplemental services
 - Developing, reviewing and documenting supplemental agreements for extra work or amendments such as extensions of time for performance of services
 - Reviewing, evaluating and approving consultants' requests for payment
 - Developing and implementing procedures for consultant involvement in providing contractor shop drawings review and design services during construction
 - Monitoring consultant performance of services to establish adequacy relative to contract intent
 - Preparing consultant termination agreements or certificates of completion and obtaining release and waiver of liens and claims
 - Developing and implementing Computer Aided Design and Drafting (CADD) standards for electronic file submissions of designs developed by other design engineers

The Consulting Engineer shall use Microstation CADD file tape and other materials and documents submitted by the various consultants with their pay estimates, as required, assisting in verifying the percentage of completion of the work for which payment is being requested. The Consulting Engineer shall keep and safeguard these tapes to provide an up-to-date alternative work progress record for the project contract plan development of each project development discipline.

3. Assist the Tollway in the development and implementation of:
 - a. Standardized scopes of services normally solicited from consultants
 - b. Standardized language applicable for scope of services normally obtained by the Tollway that can be utilized by Tollway personnel in preparing contract packages
 - c. Assist the Tollway in undertaking special projects, assignments, and studies
 - d. Collecting data for submittal to governmental bodies, professional organizations, and other entities or the public
 - e. Developing guidelines for professional liability insurance requirements of consultants
4. Assist the Tollway in establishing controls and reporting systems to:
 - a. Schedule, track and monitor status of professional and construction contracting activities.
 - b. Provide and/or obtain subcontract advice on technical matters requiring specialized skills, techniques, or equipment.
5. Assist the Tollway in Information Technology-Related Functions, such as:

The Consulting Engineer may be required to provide personnel capable of serving as a liaison on all projects including those with an Information Technology focus. The consultant may assist in monitoring Requests for Proposals, evaluating, and overseeing Information Technology studies. Expertise in networking (Cisco routers, NT, Microsoft MCSE) required as well as expertise in telecommunication systems. The Tollway's Information Technology Department (IT) includes full telecommunication support of a Tollway-wide Private Branch Exchange (PBX) system, microwave system, 800 MHZ radio system, and multiple T1 connections, as well as control of extensive fiber installations.

In addition to working on current projects, the consultant may assist in identifying additional projects related to IT. Review and oversight of the Information Technology Department's planning processes, project management processes, and disaster recovery preparation may be part of the consultant's services.

The consultant should be prepared to provide the previously stated technical expertise and support staff on-site upon request by the Tollway. This expertise and/or support may be sub-contracted through the consultant contract.

D. Project Development

The Tollway intends to assign various tasks to the Consulting Engineer regarding general mobility planning and the study and evaluation of potential tollway projects and other Advanced Project Development services. The Tollway anticipates that portions of these services shall be assigned to the Consulting Engineer for it to perform in-house while other services shall be outsourced to other consultants, environmental engineers or other providers to be performed under the Tollway's supervision. The Tollway intends that corridor studies and preliminary feasibility work will be outsourced with coordination of both the Consulting Engineer and the Traffic Engineer. Preliminary traffic and revenue studies and investment-grade feasibility studies will be performed by the Traffic Engineer.

The Consulting Engineer may be authorized to perform the following services:

1. Mobility Planning

Assist the Tollway in attending meetings of governmental and quasi-governmental bodies engaged in mobility planning and/or coordination, representing the Tollway's interests at

said meetings, and promptly and accurately reporting any significant developments or information to the designated individual(s) at the Tollway. The Consulting Engineer may be requested to attend the meetings of the following entities on behalf of the Tollway:

- Chicago Metropolitan Agency for Planning (CMAP)
- Rockford Metropolitan Agency for Planning (RMAP)
- Regional Transportation Agency (RTA)

2. Feasibility Evaluation

Assist the Tollway in:

- a. Evaluating the economic feasibility of proposed tollway projects, including the preparation, review and/or evaluation of traffic models and forecasts, traffic and revenue trends, capacity analyses and projected toll revenue forecasts
- b. Evaluate corridor studies or preliminary feasibility studies
- c. Submitting and reviewing design traffic and coordination with IDOT, CMAP, RMAP, and RTA
- d. Review interchanges justification/modification reports
- e. Determining vehicle count and classification data
- f. Informing the public of the status and impact of projects
- g. Preparing Project Concept Reports
- h. Determining the most appropriate method of project acquisition whether it be by conventional design and construction; a privatized, exclusive development agreement; or other project delivery system

3. Permitting Support

Assist the Tollway by providing all necessary permitting support including:

- a. Preparing and/or reviewing and providing written comments on permit requirements
- b. Preparing or overseeing permit packages to include drawings and data that are provided by design section engineers or its own forces
- c. Assisting in expediting the permit application/approval process
- d. Providing an inventory of environmental permits, permit requirements, permitting schedule, and permit preparation support
- e. Coordinating permit schedule with project schedule
- f. Assisting in the review of plans and special provisions for regulatory environmental compliance
- g. Reviewing plans, special provisions, and construction activities for permit compliance

4. Surveying and Mapping

The Consulting Engineer shall provide professional staff to advise and confer with the Tollway in the performance of professional surveying and mapping functions in the support of the Consulting Engineer's Advanced Project Development obligations, and may be authorized to perform the following:

- a. Review, coordination, and manage the work of surveying and mapping consultants
- b. Review and provide written response on the adequacy of all location/design surveys
- c. Advise and consult on questions of surveying and mapping with respect to project intent
- d. Incidental survey work as required
- e. Monitor surveying and mapping consultants' performance of services to determine adequacy of work performed relative to contract intent
- f. Advise and consult on questions of surveying and mapping with respect to the construction of the applicable project
- g. Provide surveying and mapping support services as required
- h. Establish and maintain a record keeping system and archives

- i. Meet and coordinate with public officials of government agencies, developers, and civic groups as required
- j. Provide management services necessary to coordinate, plan, direct, and control the surveying and mapping program
- k. Manage the contracts associated with the surveying and mapping program in accordance with the Tollway's surveying and mapping procedures and directives

5. Environmental Management

The Consulting Engineer may be required to furnish expertise in the following areas to provide management and support to the Tollway, its General Counsel and consultants, in furtherance of the Consulting Engineer's Advanced Project Development obligations:

Wetlands, ecology, botany, biology, chemistry, geology, hydrology, historical conditions, archaeology, engineering, noise analysis, air analysis, social and cultural analysis, wildlife ecology, hazardous materials, traffic analysis, landscape architecture, Leadership in Energy and Environmental Design (LEED), renewable energy, and any others necessary to evaluate proposed tollway projects.

6. Environmental Permit Support

- a. Manage, direct, and coordinate the Tollway's environmental permitting activities necessary to properly evaluate proposed tollway projects
- b. Determine and evaluate environmental permit status and production schedules
- c. Identify permit conditions and their potential effects on the development of the construction documents
- d. Monitor compliance with permit conditions and requirements during construction maintenance

7. Contract Management

Managing contracts associated with the environmental management program in accordance with the Tollway's and, if applicable, IDOT's policies, rules and procedures.

8. Pavement Specialists

The Tollway has contracted with a Pavement Specialist consultant to develop a Pavement Management System. Accurate data input to this system is crucial. The Pavement Management System will be used for predicting pavement life, and programming. The Consulting Engineer shall collaborate with the Tollway contracted pavement specialist consultant for processing data, QC/QA of data collection, and performing analyses utilizing the Pavement Management System to assist the Consulting Engineer with their duties.

9. GIS

The Consulting Engineer may also be required to have staff proficient in Geographic Information System (GIS) and Traffic Incident Management System (TIMS). The Tollway may require the Consulting Engineer to provide comprehensive services for assistance in the design, review, and implementation of GIS and TIMS. The Consulting Engineer may be required to provide such GIS proficient staff to be located at the Tollway's offices in order to oversee GIS and TIMS technology implementation.

Staff should be experienced in, but not limited to GIS related software such as: Environmental Systems Research Institute, Inc. (ESRI), Intergraph, MapInfo, and Bentley Systems.

E. Right-of-Way and Utilities

The Tollway intends that the Consulting Engineer shall be authorized to undertake significant tasks in-house and supervise various outsourced assignments regarding the Tollway's identification, acquisition and management of necessary right-of-way and its relocation of utility, railroad and other facilities.

The Consulting Engineer may be authorized to perform the following services:

1. Professional Right-of-Way Services Management

a. Production Manager

Developing and maintaining detailed scheduling and cost control plans and activities; reporting production progress; cash and parcel production forecasting; developing short and long range plans for right-of-way parcel production and expenditures; preparing right-of-way certifications.

b. Contract Management

Managing the contracts associated with the right-of-way program in accordance with the Tollway's and, if applicable, IDOT's right-of-way procedures.

c. Litigation Support

Providing testimony at eminent domain proceedings; providing assistance to the Tollway or its General Counsel, including providing testimony and responding to interrogatories; preparing trial exhibits.

2. Surveying and Mapping

The Consulting Engineer shall provide professional staff to advise and confer with the Tollway in the performance of professional surveying and mapping functions in the support of the Consulting Engineer's Right-of-Way and Utilities obligations.

The Consulting Engineer may be authorized to perform the following:

a. Right-of-Way Mapping

- Review, coordinate, and manage the work of surveying and mapping consultants.
- Review and comment on the preparation of consultant right-of-way mapping completion; review and comment on the preparation of consultant legal descriptions; review and comment on the preparation of consultant appraisal sketches; based on such review, recommend acceptance and approval by the Tollway of said items.
- Develop surveying criteria and direct and coordinate the activities of the surveyors in the performance of professional services related to right-of-way surveys, preparing plats and legal descriptions for right-of-way parcels, establishing benchmarks and benchmark loops, performing and setting control survey lines and monuments as required to supplement work already accomplished by others; and provide reviews of the right-of-way plats and descriptions for completeness and general conformance with the project requirements.
- Using field information provided by the surveyors and others, prepare preliminary right-of-way maps showing existing right-of-way corner ties, as required to supplement work already accomplished by others; if right-of-way maps have

been prepared by IDOT or others, verify the centerline alignment for use by the section engineers and the surveyors; provide the surveyors with the verified centerline alignment and required right-of-way widths to allow for horizontal control layout and right-of-way surveys, where required.

- Advise and consult on questions of surveying and mapping with respect to project intent.
- Incidental survey work as required.
- Monitor surveying and mapping consultants' performance of services to determine adequacy of work performed relative to contract intent.
- Advise and consult on questions of surveying and mapping with respect to the acquisition of property interests for the project.
- Provide surveying and mapping support services as required.
- Supervise, coordinate, and prepare the final right-of-way maps.
- Establish and maintain a record keeping system and archives.
- Meet and coordinate with public officials of government agencies and civic groups as required.
- Provide management services necessary to coordinate, plan, direct, and control the surveying and mapping program.
- Manage the contracts associated with the surveying and mapping program in accordance with the Tollway's surveying and mapping procedures and directives.

b. Utility/Railroad/Other Relocations

- Establish criteria for and the format of the applicable project plans, specifications and contract documents for utility relocations or adjustments.
- Perform review, coordination, and liaison work among the Tollway, IDOT, design section engineers, interested public or private entities, and local governments to achieve efficiency and continuity in project public and private utility relocation and adjustment planning and design.
- Prepare utility/railroad/other schedule and coordinate with project schedule all adjustments and relocations.
- Review design consultants' preparation of utility/railroad/other relocation drawings.
- Confer/coordinate with utility/railroad companies, cities, counties, transit lines, electric companies, telephone, telegraph and cable companies, gas line companies, water supply and sewerage districts, drainage, irrigation and flood control districts, and other entities regarding proposed and existing crossings, abandonments, closings and/or relocation of facilities and assist the Tollway in the negotiation of agreements/permits.
- Attend coordination meetings with involved public or private agencies during utility relocation and adjustment and final project design and construction plan development to discuss such items as permanent or temporary easements, right-of-way, detours, temporary crossings, etc.; advise the Tollway on engineering concerns or possible solutions for items discussed at those meetings.
- Perform regular review of utility relocation and adjustment plans for conformance with the requirements of the project construction.
- Assist the Tollway in the process of bidding and award of utility adjustment contracts, if necessary.
- Evaluate utility/railroad/other proposals and cost estimates for relocation work.
- Provide inspection and record keeping for relocation of activities.
- Prepare the necessary documents to certify that utilities/railroad/other conflicts are clear.
- Provide coordination with design and construction for utilities.
- Review payment requests received from utility companies and other entities for design services and construction expenses incurred in utilities relocations and adjustments and prepare appropriate recommendations to the Tollway.

- Maintain an ongoing and up-to-date comparison of actual to budgeted relocation costs; promptly notify the Tollway when material deviations between actual and budgeted relocation costs occur.

F. Plans, Specifications and Estimates Management

The Tollway intends that the Consulting Engineer shall be authorized to undertake significant tasks in-house and to supervise various outsourced assignments regarding the preparation of Plan, Specifications and Estimates (PS&E) for the Tollway's projects. The Tollway may request that the Consulting Engineer prepare the PS&E for the Tollway's smaller, Renewal/Replacement and Improvement projects.

The Consulting Engineer may be authorized to perform the following:

1. Management
 - a. Project Management

Provide professionally qualified individuals to perform project management, including planning, scheduling, directing and controlling project activities from concept development through the completion of construction of a project. Persons assigned to oversee Registered Professional Engineers are themselves to be Registered Professional Engineers in the State of Illinois, unless the Tollway provides a variance at its discretion.
 - b. Project Development Services
 - Manage the development and review of Plans, Specifications and Estimates (PS&E) documents including, but not limited to, engineering reports and all environmental documents.
 - Review, critique and recommend project limits of work for each design section package.
 - Develop conceptual design documents, including project design criteria, that form the basis of the preliminary engineering and design contract section packages.
 - c. Project Control Services Support

Establish and monitor project scheduling requirements and major milestone events for engineering/construction activities such as the following:

 - PS&E
 - Design
 - Surveying and Mapping
 - Right-of-way
 - Environmental
 - Permits
 - Utility and railroad relocations
 - Construction
 - d. Evaluate and validate consultant submitted schedules and their overall compliance with project milestone objectives.
 - e. Evaluate physical progress of design activities versus schedule progress, and report significant variances; recommend strategies to address any such variances.
 - f. Prepare and issue periodic status reports on project progress and document problems and delays.
 - g. Prepare engineering estimates.
 - h. Assist in preparing or prepare comparative cost estimates.
 - i. Claims analyses.
 - j. Level of work efforts (man-hour estimates).

2. Design Support

- a. Review and comment in writing on the preparation by design section engineers of engineering reports, design, plans, specifications and construction documents at normal phase submittals as required by the Tollway's procedures and for special submittals that are or may be established for Tollway projects and of preliminary and final estimates of construction costs. Based upon such reviews, address the adequacy of such design, reports, plans, specifications and estimates, and, if appropriate, recommend acceptance and approval by the Tollway thereof.
- b. The Consulting Engineer's review will consist of general quality assurance/quality control oversight, including checking for and commenting on the format, adequacy, and economy of design and conformance with the project requirements, design criteria, master plans, standards, policies, specifications and special provisions. The various consultants shall be responsible for the accuracy of their respective engineering and technical work; nonetheless, the Consulting Engineer shall be expected to have performed its review with sufficient thoroughness so as to minimize defects and errors prior to phase submittals to the Tollway, IDOT, FHWA and/or other parties reviewing same. Formal reviews are anticipated to occur at approximately 30 percent, 60 percent, 95 percent, and final.
- c. When required, provide the Tollway with engineering support staff to serve as the Tollway's drainage engineer, structural engineer, CADD manager, geotechnical engineer and other Tollway staff as needed.
- d. Review design development compliance with approved project design criteria.
- e. Provide value engineering analysis and serve on value engineering teams when requested.
- f. Advise and consult on questions of engineering with respect to project design intent.
- g. Review and provide written response regarding the development of design and construction comparative cost estimates.
- h. Assist in expediting and obtaining necessary permits, utility clearances, and other authorizations required for advertisement for construction.
- i. Assist in evaluation and preparation of revised supplemental environmental documentation.
- j. Advise and consult on questions of engineering with respect to the construction of the project.
- k. Accomplish incidental design activities as may be required and authorized.
- l. Review for completeness and provide written response as to the applicability of construction contract special provisions and special specifications.
- m. Assist in the development and updating of special provisions, special specifications, and plan general notes; review current IDOT special provisions and comment on need to include same in the Tollway's contract documents.
- n. Provide special engineering services including special studies and economic advisory analytical services.
- o. Provide, review and/or design when required typical section package and pavement design for approval.
- p. Provide, review and/or design when required pavement coring and recommendations for pavement design.
- q. Provide geotechnical advisory support services, where authorized.
- r. Acquire and manage subcontract services to obtain supplemental support, as authorized when not provided by design consultants.
- s. Provide communications to and for public awareness.

- t. On an as-needed basis and if directed by the Chief Engineer of the Tollway, review shop and erection drawings as submitted by design consultants and/or contractors to require timely processing by the design consultants and/or contractors.
- u. Provide quality assurance reviews of the design consultants' implementation of their quality control plan.
- v. Confer/coordinate with state, county, municipal and other legal authorities having jurisdiction regarding the crossing, closing and/or relocation of expressways, roads and streets and participate in negotiations of agreements covering such crossings, closings and/or relocations.
- w. Review or, when requested, prepare general notes, specifications and special provisions to project plans.
- x. Review and assist in development of stage construction layouts based on the following technical parameters:
 - Engineering analysis, including temporary drainage.
 - Traffic capacity analysis.
 - Traffic access and service analysis.
 - Transportation economics analysis.
 - Construction and traffic control cost analysis.
 - Traffic and construction safety analysis.
 - Final construction plan compatibility.
- y. Develop or review a roadway, toll plaza and structures foundation soil boring location plan depicting the approximate station, offset, and depth for each soil boring, as well as providing or reviewing criteria for obtaining soils samples and performing analyses of samples procured under this program; prepare a schedule of appropriate geotechnical laboratory tests and review results; and perform or review pavement thickness design for the applicable project based upon results of geotechnical investigations as may be appropriate for varying geologic foundation conditions, laboratory testing results, and projected vehicle weights and volumes for the design year.
- z. Develop geometric and design criteria to establish uniform practices to be followed by the design section engineers for acquiring design survey information and perform construction plan preparation for the applicable project; assemble existing plans and prepare supplemental details for use as standard or guide plans for pavement, drainage, structures, traffic interchange facilities, appurtenances, all subject to the approval of the Tollway; and furnish a copy of these assembled standards to the design section engineers, and to others as directed by the Tollway.
- aa. Furnish topographic data used in the development of the project's Engineering Report, as may have been revised through the use of recent IDOT or other topographic mapping and/or aerial photogrammetry, to the design section engineers for their use in the development of base maps for the preparation of final construction plans; provide design section engineers the verified centerline alignment, and the preliminary profile grades which were used in the development of the Engineering Report.
- bb. Using the base maps prepared by the design section engineers, review or, when requested, design and prepare a signing master plan which will depict required guide signs, showing the text and approximate sign locations.
- cc. Using base maps prepared by the design section engineers, review or, when requested, design and prepare a roadway illumination master plan which will depict the approximate locations for roadway and underbridge lighting; identify load center locations and indicate where transverse conduits should be placed to provide electrical service to toll plazas, to future median roadway illumination, and to electrical load distribution centers.

- dd. Provide the Tollway with monthly reports of progress and a summary of key decisions that have been made or need to be made.
- ee. Review and recommend approval of the pay estimates, schedules and progress reports submitted by the design section engineers, construction managers, and other design consultants performing work for the applicable projects.
- ff. Issue certifications of completion for work completed by the design section engineers, construction managers, and other design consultants, including recommendation for final payment for services rendered.
- gg. Develop an artistic trailblazer sign design for use in guiding patrons to the applicable project from surrounding roadway systems, for review and approval by the Tollway.
- hh. Perform design reviews and assist in the procurement for the Automatic Vehicle Identification System/Electronic Toll and Traffic Management System and the Violation Enforcement System (VES) as currently existing and subsequently modified and, on an as-needed basis, assist in managing the implementation and/or installation thereof in accordance with design requirements and schedule.
- ii. Consider and notify the Tollway of alternative Intelligent Transportation Systems technologies which may enhance the safety, efficiency or overall operation of one or more of the Tollway's projects.

1. Environmental Management

- a. The Consulting Engineer may be required to furnish expertise in the following areas to provide management and support to the Tollway, its General Counsel and consultants:
Wetlands, ecology, botany, biology, chemistry, geology, hydrology, archaeology, engineering, noise analysis, air analysis, social and cultural analysis, wildlife ecology, hazardous materials, traffic analysis, landscape architecture, Leadership in Energy and Environmental Design (LEED), renewable energy, and any others necessary to manage the following program areas by the Tollway.
- b. The Consulting Engineer may be authorized to:
 - Manage, direct, and coordinate the Tollway's environmental permitting activities necessary for the preparation of the PS&E and to allow project design to advance to construction.
 - Monitor environmental permit status and production schedules.
 - Identify permit conditions and their effects on the development of the construction documents. The effects or impacts shall be brought to the attention of the designer of record, for his/her further action, through the Tollway's designated representative.
 - Monitor compliance with the permit conditions and requirements during construction and maintenance.
 - Prepare environmental certificates and checklists necessary to document compliance with PS&E requirements.
 - Special or Hazardous Waste Management Plan:
The Consulting Engineer shall review and edit the management manual developed by the Tollway for the Tollway's personnel. The manual has two parts: Part One outlines a plan to identify, quantify and dispose of existing stored waste; and Part Two is a plan to manage cycles, classification, sources and amounts of hazardous wastes at each facility. The Consulting Engineer shall update the manual and will advise the Tollway on proper techniques for the disposal of waste generated at any facility for a period which exceeds the regulatory limitation for generators (generally 90 days).

- The Consulting Engineer shall also perform assessments of suspected hazardous sites. The purpose of the Site Assessment is to support the Tollway in developing plans to identify, quantify and dispose of hazardous wastes found within the Tollway Facility in the course of routine maintenance activities. The scope of the assessment services will be:
 - Identifying areas of concern. This effort is likely to be spent in areas where concerns have been reported. Those areas may be where oil or wastes pipelines go through the Tollway's right of way and/or storage tanks have been buried.
 - Develop a record keeping system.
 - Developing a sampling and then testing program to be performed by outside testing laboratories. This effort is to determine the nature of the hazardous wastes and the extent of the contaminated areas.
 - Developing a recommended work action plan.
 - Providing assistance to the Tollway on an as-requested basis.
- Environmental Studies:
As requested by the Tollway, the Consulting Engineer shall screen new projects for potential natural resources and environmental permit involvement. This will include review and comment on environmental and conceptual studies developed by the Tollway's design section engineers. The Consulting Engineer must also be qualified to perform, at the Tollway's direction, wetland and threatened and endangered species investigations.

G. Coordination of Construction Management Services and Administrative Requirements

The Tollway intends that the Consulting Engineer will perform certain construction management services, either operating independently or in supervision of the construction managers selected for the applicable project by the Tollway. Generally speaking, the Tollway intends that the Consulting Engineer, utilizing its own managers and staff, shall assist in the evaluation of, and generally oversee, contract awards and amendments, closely monitor, coordinate and track construction costs and progress, promptly notify the Tollway when costs or progress deviate from project budget or schedule, and evaluate and recommend strategies to address any such deviations.

The Tollway currently has retained a construction manager for each of its projects under construction, and anticipates that the Consulting Engineer's principal role will be the review of the current and future construction managers. However, the Consulting Engineer should be prepared to provide construction management services to the Tollway if one of said construction managers defaults or if the Tollway elects to forego retaining construction managers due to the modest size of a project or for any other reason. The Consulting Engineer may be authorized to perform the following construction management services:

1. Provide professionally qualified individuals to perform construction management services, including planning, scheduling, directing and controlling project activities after PS&E development through the completion of construction of a project.
2. Monitor construction and related project costs and maintain an ongoing and up-to-date comparison of actual to budgeted costs; promptly notify the Tollway when deviations between actual and budgeted costs occur; recommend strategies to address any such deviations.

3. Establish and monitor project scheduling requirements and major milestone events for construction activities to assure compliance with overall project schedule; promptly notify the Tollway of any deviations.
4. Provide technical assistance, as requested, to evaluate construction problems, proposed contractor repair schemes, and value engineering proposals.
5. Solicit, formulate, evaluate, and recommend strategies to address any deviation in costs or progress in comparison to project budgets or schedules.
6. Recommend approval of designs, plans and specifications to the Tollway preparatory to advertising for bids.
7. Assist the Tollway in the process of bidding and award of construction contracts, as requested.
8. Review the validity of contractor claims for extra work, extensions of time for performance of work and other claims.
9. Review and evaluate appropriateness of contractor submitted fee proposals for supplemental or extra work.
10. Negotiate with contractors regarding price proposals and/or adjustments in time for performance of work.
11. Develop, review and document supplemental agreements and change orders for extra work or amendments such as extensions of time for performance of work.
12. Review, evaluate, and approve contractors' requests for payment.
13. Monitor contractor performance of work to establish adequacy relative to contract intent.
14. Prepare contractor termination agreements or certificates of completion and obtaining release and waiver of liens and claims.
15. Assist with the procurement of water, sewer, and utility connections for the Tollway's proposed administration building, toll barriers, plazas, and other structures.
16. Based on final plan geometry, provide refined screen wall analyses to establish length, height and placement of required sound abatement walls.
17. Review project construction contract shop drawings, erection drawing working drawings, samples, material and product certifications, and catalog cuts and brochure submittals for general conformance with the design plans and specifications.
18. Develop, print, and distribute semi-annual design and construction progress reports to the Tollway outlining the acquisition of real property for each project, current estimates of opening of traffic dates for the various construction sections, the date of construction completion, the project construction cost and operating cost for one year after completion of construction, and the amount of funds required for each six (6) months during the estimated completion period of construction; and comparisons between the actual times elapsed and the actual costs and the original estimates of such times and costs.

H. Management and Coordination of Maintenance Services

The Tollway intends that the Consulting Engineer, working in concert with the Tollway's Maintenance and Traffic Manager, shall generally oversee and evaluate the performance of maintenance on its projects.

The Consulting Engineer shall support the Tollway's Maintenance activities by:

1. **Maintenance Oversight**
Monitoring and analyzing the performance of necessary or prudent maintenance of the Tollway's projects (including to extent necessary to comply with all Trust Agreements), whether by the Tollway's Maintenance staff or others, and promptly notifying the Tollway if said maintenance is being performed in an inadequate, inefficient or otherwise improper manner, submitting, if appropriate, recommendations to enhance the Tollway's maintenance activities through outsourcing or other strategy.

2. Property Management
Establishing and maintaining real and personal property inventories; developing and implementing a plan for surplus and disposal of excess property; contracting and oversight of hazardous materials surveying and abatement activities; contracting and oversight of demolition and right-of-way clearing activities

I. Operations

The Tollway intends that the Consulting Engineer will assist the Tollway by evaluating the operation and possible enhancement of completed projects. Services related to any such enhancement shall be performed by the Consulting Engineer's managers and staff operating under the Consulting Engineer's supervision and oversight.

The Consulting Engineer may be authorized to:

1. Perform or oversee the performance of bottleneck studies and similar analyses.
2. Review and verify available traffic data and develop additional data as authorized.
3. Develop emergency contingency plans.
4. Periodically evaluate the Automatic Vehicle Identification System/Electronic Toll and Traffic Management System and the Violation Enforcement System (VES) as currently existing and subsequently modified.
5. Consider, and notify the Tollway of, alternative Intelligent Transportation Systems technologies which may enhance the safety, efficiency of overall operation of one or more of the Tollway's projects.
6. Evaluate, and propose appropriate modifications to, the Tollway's Automatic Vehicle Identification System/Electronic Toll and Traffic Management System, with respect to proposed or completed tollway projects.
7. Development of preliminary and/or updated design-hour traffic volumes for Tollway improvements or construction projects, toll plaza simulation model runs, review of technical reports prepared by others, meetings with other agencies and Tollway staff and other work requests. This task also includes periodic data requests from Tollway staff, which would not be otherwise included in another task.
8. Perform studies related to All Electronic Tolling (AET).

III. Responsibilities of the Tollway

The Tollway will furnish, without cost to the Consulting Engineer, the following services and data to the Consulting Engineer in connection with services authorized under terms of this Agreement:

- A. Furnish all the Tollway's procedures, standards, forms, and policies applicable to the services.
- B. Furnish drawings, specifications, schedules, reports and other information prepared by and/or for the Tollway by others which are available to the Tollway and which the Tollway considers pertinent to the Consulting Engineer's responsibilities, as described herein.
- C. Provide existing structural, roadway and other plans, as available.
- D. Furnish available traffic, safety (accident), and planning data.
- E. Advise the Consulting Engineer on all engineering requirements and Tollway updates.
- F. Advise the Consulting Engineer regarding all intergovernmental agreements, memoranda of understanding, and other agreements affecting the Consulting Engineer's performance under this Agreement.
- G. Provide office space at the Tollway's administration building for the Consulting Engineer managers and staff selected to be co-located with the Tollway.

1.4.2 Item 2. RR-15-9976R, Traffic Engineer Services

This project has a 20% D/M/WBE participation goal and 2% VOSB/SDVOSB participation goal.

The Illinois State Toll Highway Authority (Tollway) which has been created and derives its power and authority under and pursuant to "An Act in relation to the construction, operation, regulation, and maintenance of a system of toll highways, and to create the Illinois State Toll Highway Authority, and to define its powers and duties, approved August 7, 1967," [605 Illinois Compiled Statutes (ILCS) 10/1 et seq.], requires the services of an independent engineer or engineering firm or corporation having a nationwide and favorable reputation for skill and experience to provide traffic engineering services as the Traffic Engineer for the Tollway.

The Consultant shall propose their method for providing these services as outlined in the attached.

REQUEST FOR QUALIFICATIONS TRAFFIC ENGINEER SERVICES.

1.4.2.1 CONTRACT TERM

This contract shall provide for a three (3) year term, with two (2), one-year options to renew, subject to the Tollway's periodic review, approval and satisfaction with the Traffic Engineer's performance and may be terminated by the Tollway at any time upon a stipulated notice period, or extended upon agreement of both parties.

Certain contracts require that a prime consultant and/or subconsultant cannot perform other services for the Tollway. Those contracts are the Consulting Engineer, Traffic Engineer and Program Management Office. See paragraph 2.1 for additional information.

1.4.2.2 CONTRACT PROVISIONS AND PREQUALIFICATIONS:

Selection of professional consultants by the Tollway is not based on competitive bidding, but on the firms' professional qualifications, related experience and the expertise of key personnel to be assigned to the project.

SUBCONTRACTING: Subcontracting areas of pre-qualification is acceptable.

SUB-CONSULTANT SERVICES: If a firm requires a subconsultant to meet the requirements of an area requiring pre-qualifications as indicated below, the firm fulfilling this pre-qualification requirement must be identified in the Statement of Interest (SOI).

PRE-QUALIFICATIONS: To be considered for this project, firms must be pre-qualified by the Illinois Department of Transportation (IDOT) in:

Highways: Freeways; Roads and Streets

Special Studies: Traffic; Signal Coordination and Timing (SCAT); Safety; and Feasibility

Special Plans: Traffic Signals; and Lighting- Typical Lighting and Complex Lighting

Location/Design Studies: Rehabilitation; Reconstruction/Major Rehabilitation; New Construction/Major Reconstruction

Special Transportation Studies: Mass Transit; Railway Engineering

If the Offeror is not prequalified in all of the categories listed above, the Tollway will allow a Prime consultant to meet the prequalifications through a subconsultant. The Offeror must clearly identify each category in which it is not prequalified, and identify its subconsultant who is prequalified in that category.

1.4.2.3 ORAL PRESENTATIONS

Some or all of the firms submitting SOIs for the project may, at the sole discretion of the Tollway, be required to appear for an oral presentation. The oral presentations, if required, shall be conducted so as to solicit additional information and enable the Tollway to evaluate the capability of the applicable Offerors in providing the desired services. If the Tollway notifies a Offeror that an oral presentation is required, the Tollway shall inform that Offeror of the schedule, order and procedure for the presentation, including its content, time limits, and use of handouts and visual aids. The Tollway may tape record and/or videotape any presentations. The oral presentations, if any, shall be evaluated by the Selection Committee. Notwithstanding the foregoing, the Tollway emphasizes that it may elect to forego oral presentations for all or some Offerors. Consequently, all SOIs should be comprehensive and clear. No Offeror should rely upon the opportunity to present additional or clarifying information at a later time.

1.4.2.4 SCHEDULE

This project is scheduled to start in January 2017.

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

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

1.4.2.5 REQUEST FOR QUALIFICATIONS TRAFFIC ENGINEER SERVICES

1.4.2.5.1 PROJECT ASSIGNED:

The Tollway intends to select a Traffic Engineer which will be the traffic and revenue advisor and who will operate as an extension of, and in complete coordination with, the Tollway's staff with respect to all projects which now or in the future are studied, designed, and constructed or operated by the Tollway. To that end, the Traffic Engineer shall be expected to represent and forward the interests of the Tollway throughout all aspects and phases of the Tollway's activities and shall, when and as requested by the Tollway, fully support the Tollway in its dealings with contractors and suppliers, engineers and other consultants, the Tollway's counsel and accountants, the Tollway's Consulting Engineer, the Tollway's Program Manager, rating agencies and underwriters, governmental entities and the public, all in accordance with the highest professional standards. As more specifically described in this RFQ, the Traffic Engineer shall be expected to commit the personnel and resources required to respond promptly and fully to the responsibilities and tasks assigned by the Tollway throughout the term of the Traffic Engineer's performance of the services.

In addition, the Traffic Engineer shall perform the obligations of the "Traffic Engineers" under the Tollway's current Trust Agreements, as amended, and all supplemental, superseding or additional trust agreements (collectively, the "Trust Agreements"). The Tollway has covenanted in Section 709 of the Trust Indenture pertaining to the Illinois State Toll Highway Authority that, until the bonds issued in accordance with the Trust Agreement and the interest thereon shall have been paid or provision for such payment shall have been made, it will employ the "Traffic Engineers" for the purpose of performing and carrying out the duties imposed on it by the Trust Agreement. Those duties are summarized in Section 1.4.2.5.4, below, and provide a general listing of the types of obligations the Traffic Engineer will be required to perform under the Trust Agreements.

1.4.2.5.2 SCOPE OF CONSULTANT SERVICES:

The required traffic engineer services will encompass the numerous facets of feasibility evaluation, conceptual design, planning, financing, management, coordination, and liaison necessary to produce complete conceptual plans, typical specifications, and estimate documents required for Tollway projects. The Tollway anticipates that the Traffic Engineer will not be required to prepare detailed design and construction plans.

For a detailed description of the anticipated traffic engineer services, see Section 1.4.2.5.4, Anticipated Scope of Services.

1.4.2.5.3 GUIDELINES FOR SUBMITTING STATEMENTS OF INTEREST:

In addition to Section 4.3 GUIDELINES FOR SUBMITTING STATEMENTS OF INTEREST (SOI) of this PSB, all Statements of Interest shall include:

I. Project Team Matrix and Staffing Plan

The Offeror shall submit a project team matrix which clearly illustrates the key personnel of the organizational structure. The Offeror shall identify the Senior Project Manager and the Senior Vice President.

Senior Project Manager (SPM)

The Offeror shall identify and provide detailed relevant information concerning the SPM to be assigned to this project for the duration of the Agreement. The Senior Project Manager shall be responsible for managing all activities and shall be the principal point of contact with the Tollway. The Senior Project Manager shall have the responsibility to plan, direct, monitor, and control the resources used to provide services to the Tollway.

Senior Vice President (SVP)

The Offeror shall identify and provide detailed relevant information concerning the SVP to be assigned to this project for the duration of the Agreement. The Senior Vice President (SVP) will provide strategic advice to the Tollway. They should have extensive experience with other Tollway or Turnpike agencies and, as such, shall function as an in-house expert on traffic, revenue and operational issues. The SVP will be asked to provide research and best practice information on comparable Tollway/Turnpike systems. The SVP may be asked to make presentations to the bond rating agencies, the Tollway's Board of Directors, or the Tollway's Director. They shall oversee the Senior Project Manager and shall report to the Chief Engineer. The Offeror shall identify and provide relevant information concerning the Offeror's other project management and key technical personnel. These individuals can be the employees of any firm on the team.

Key Personnel

The Offeror shall identify and provide relevant information concerning the Offeror's other project management and key technical personnel. (These individuals can be the employees of any firm on the team.) Key personnel must include, but not be limited to:

- A. Traffic Engineer
Must be Illinois Licensed Professional Engineers.
- B. Urban Planner
Must have a minimum of ten years of experience in transportation planning and community relations
- C. Information Technology (IT) Professionals
Preferred to be
 - *Professional Electrical or Computer Engineer, who is an Illinois Licensed Professional Engineer, with five (5) years of ITS design experience,*
 - *Communications Design Engineer, who has minimum 4 years of training and experience in fiber optic (single mode (SM) and multi-mode (MM)) data communications, local and wide area network design, fundamentals of digital communication packet switching and routing, wireless communication technologies (radio, cellular, wifi, blue tooth, etc.) and has experience specifying communication equipment and writing communication system testing procedures.*

D. Intelligent Transportation System (ITS) Professionals

Preferred to be

- *Certified Professional Traffic Operations Engineer (P.T.O.E),*
- *Professional Electrical or Computer Engineer, who is a an Illinois Licensed Professional Engineer, with five (5) years of ITS design experience,*
- *Communications Design Engineer, who has minimum 4 years of training and experience in fiber optic (single mode (SM) and multi-mode (MM)) data communications, local and wide area network design, fundamentals of digital communication packet switching and routing, wireless communication technologies (radio, cellular, wifi, blue tooth, etc.) and has experience specifying communication equipment and writing communication system testing procedures.*

E. Geographical Information System (GIS) Professionals

The Offeror should also provide information relative to the capabilities and resources of its lead Illinois office, any Illinois branch offices, and a listing of Illinois office personnel by discipline that would be assigned to this project that have not been identified above.

Exhibit A: Proposed Staff

Please include **Exhibit A: Proposed Staff** in SOI Section 3. Include resumes for all Key Personnel on the project (Prime firm and subconsultants). Resumes for each individual should not exceed two (2) pages and must include only relevant experience.

II. Relevant Project Experience Traffic Engineer Services

Include a minimum of three (3) **relevant** projects of equal or greater complexity accomplished within the past five (5) years, demonstrating the firm's experience in the type of work required for this project.

Tollway Projects

Include additional projects which specifically identify and describe the firm's experience related to Tollway projects, including the Illinois Tollway or any other Tollways in the United States. The Offeror should also provide the **total** firm's billings for the past five (5) years in performing typical Traffic engineering services on tollway projects, and briefly identify those projects.

Other Transportation Projects

The Offeror should summarize any relevant experience working with transportation agencies and other governmental bodies operating in this region and/or with which the Tollway regularly works or interacts, including the Illinois Department of Transportation (IDOT), the Federal Highway Administration (FHWA), Chicago Metropolitan Agency for Planning (CMAP), Rockford Metropolitan Agency for Planning (RMAP), and Regional Transportation Agency (RTA).

Trust Indenture or Similar Services

The Offeror should include additional projects which specifically identify and describe the firm's experience related to providing certifications, issuing reports, providing evaluations and otherwise performing services similar to those required of the Traffic Engineer under the Tollway's Trust Indenture requirements. A description of those services is provided in Section 1.4.2.5.4 ANTICIPATED SCOPE OF SERVICES: *TRAFFIC ENGINEER SERVICES*.

Project Management and Coordination Experience

The Offeror must describe its experience in providing project management and coordination services similar to the services required and described in Section 1.4.2.5.4 ANTICIPATED SCOPE OF SERVICES: *TRAFFIC ENGINEER SERVICES*. This description should specifically address the Offeror's record in delivering completed projects on time and on budget.

Include the following for each project identified in the categories above:

- Project name.
- Project location.

- Project manager(s) and key staff.
- A brief description of the project and the work performed, including the project's size, complexity, and fee.
- Name, address, telephone number, and e-mail address of client contact to serve as reference.

1.4.2.5.4 ANTICIPATED SCOPE OF SERVICES: **TRAFFIC ENGINEER SERVICES**

NOTE: This Scope of Services is being provided to the Offerors as part of the Request for Qualifications for informational purposes only, and is intended to provide Offerors with a general idea of all aspects of work they may be required to perform. The Tollway reserves the right to make reasonable modifications and clarifications to this form prior to its attachment to the Agreement for Traffic Engineer Services to be negotiated between the Tollway and the Traffic Engineers.

I. Project Description

This project requires professional services of the Traffic Engineer for a wide range of governmental relations, public liaison, technical, management, administrative, maintenance, construction and operational services, advanced project development services, engineering, and feasibility evaluations of various projects for the Tollway.

The Traffic Engineer will operate as the traffic and revenue advisor, such duties consist of a variety of professional disciplines, including transportation planners, traffic engineers, transportation system analysts, economists, public outreach experts, market survey and research professionals, and financial analysts. The Traffic Engineer will also operate as an extension of, and in complete coordination with, the Tollway's staff. To that end, the Traffic Engineer shall be expected to represent and forward the interests of the Tollway throughout all aspects and phases of the Tollway's activities and shall, when and as requested by the Tollway, fully support the Tollway in its dealings with contractors and suppliers, engineers and other consultants, the Tollway's counsel and accountants, the Consulting Engineer, rating agencies, bond insurers and underwriters, governmental entities and the public in accordance with the highest professional standards.

The Traffic Engineer shall provide qualified technical and professional personnel to perform to the highest professional standards the duties and responsibilities assigned under the terms of this Agreement. Unless otherwise instructed by the Tollway, the Traffic Engineer shall minimize to the greatest extent possible the Tollway's need to apply its own resources to assignments authorized by the Tollway. The Tollway, at its option, may elect to expand, reduce, or delete the extent of each work element described in this Scope of Services document, provided such action does not alter the intent of this Agreement.

The Tollway shall request traffic engineering services on an as-needed basis. There is no guarantee that any or all of the services described in this Agreement will be assigned during the term of this Agreement. Further, the Traffic Engineer is providing these services on a non-exclusive basis. The Tollway, at its option, may elect to have any of the services set forth herein performed by other consultants or the Tollway's staff.

II. Items of Work to be Included in Contract

The Traffic Engineer's services under this Agreement shall be as described in this Scope of Services, in accordance with the requirements of the Tollway's Design Section Engineer's Manual, as amended by the Tollway, and herein specified. The design criteria and policies, Standard Specifications, materials and construction requirements of the Illinois State Toll Highway Authority shall apply throughout.

The following types of work elements may be assigned under the terms of this Agreement.

A. Responsibilities Under Bond Resolutions and Trust Indenture

The Traffic Engineer shall serve as the Tollway's "Traffic Engineer" as defined and set forth in the Tollway's Trust Agreements, incorporated herein by reference, performing responsibilities of the Traffic Engineers as assigned in the Trust Indentures, the related Bond Resolutions and amending resolutions and supplemental resolution thereto, which are incorporated herein by reference.

These services are described below:

1. **Annual Traffic and Revenue Report:** Developing an annual report which shall include updated traffic and revenue forecasts for the entire Tollway System, stratified by section and passenger car versus commercial vehicle market categories. The report is intended to be a historical document that presents traffic and revenue data pertaining to the Tollway system. The report will include general information on the Tollway system, traffic characteristics, revenue trends, toll collection technology, and factors impacting toll revenue. Data will be presented by route, toll plaza, vehicle class, and time periods as appropriate. Data for 2016 and each subsequent year will be obtained from the Tollway and other sources and compared with previous years' data.

The revenue estimates to be included in the Annual Report shall be developed from analyses of monthly traffic and toll trend data by toll plaza and vehicle class. Toll revenue projections should be included using a trend line procedure. External factors that influence trip generation, travel patterns and traffic flow, such as construction activity, local and national economic indices shall be considered, with adjustments made to the final traffic and toll revenue estimates.

The Annual Toll Revenue Report ("Annual Report") will be submitted in draft form no later than October 1st of each year and in final form within two weeks of receiving comments from the Tollway's project manager. The Annual Report's historical traffic and revenue numbers will be consistent with the traffic and revenue numbers reported in the CAFR. Twenty-five (25) paper copies and one (1) electronic copy of the final Annual Report will be provided.

2. **Monthly Traffic and Revenue Updates:** Closely monitoring actual monthly toll revenue reports generated by the Tollway and compares these to monthly forecasts. This requires entry of traffic and revenue data by vehicle class (passenger car and commercial vehicle) for every individual plaza. The quarterly updates are intended to establish observer trends and identify significant deviations from the Traffic Engineer's forecasts relative to traffic and revenue.

As a routine requirement, the Traffic Engineer shall prepare and submit monthly summaries for both traffic transactions and revenue receipts, based on real-time information gathered in preceding periods. As required by the Bond Indenture, these reports shall be, in their final, compiled form, Certificates by the Traffic Engineer of past measurements of and predicted trends for both traffic and revenue.

3. **Tollway Traffic Data Report:** Preparing a detailed Traffic Data Report for the entire Tollway System. This shall contain actual traffic counts at non-tolled and non-permanent count ramps conducted by Traffic Engineer staff during the course of each year, as well as updated information on traffic trends at toll plazas. In this task, the last years traffic report shall be updated to fully reflect the final current year-end statistics. The report shall also include an update of Tollway-specific data such as average daily traffic levels by mainline segment, peak-hour profiles, daily and monthly traffic variations, I-PASS participation rates (cars and commercial vehicles), passenger car and commercial vehicle transactions by major segment or plaza, estimates of vehicle miles of travel, origin and destination of trip and average trip length on the Tollway. Historical traffic trend data shall also be gathered for the Tollway and non-Tollway expressways and arterials that interact with the Tollway for comparative purposes. Maps should be included reflecting the attributes described above.

The Traffic Engineer will submit a draft of the Traffic Data Report by June 30th of each year and will submit up to sixty (60) paper copies and one (1) electronic copy of the Traffic Report and the corresponding electronic data within two weeks of receipt of final comments from the Tollway's project manager.

4. Annual Revenue Certificate and Updates: A comprehensive Annual Revenue Certificate will be provided on or before October 31st of each fiscal year, which will include actual traffic and revenue data from the first eight months of that year, along with updated monthly estimates for the remainder of the year and subsequent year. The Tollway will provide the necessary base data for these estimates. The historical and current year's data will form the basis of future year traffic and revenue forecasts. Other external factors that influence trip generation will be considered, including: travel patterns, roadway capacity, I-PASS usage, land use patterns, demographic trends, fuel prices, regional and national economic trends and scheduled road construction projects. The Certificate will include updated information regarding Tollway and non-Tollway highway improvement programs. It will be submitted in the form of a formal Certificate of the Traffic Engineer as required by the Trust Indenture.

If needed to support Tollway needs, in support of a bond issue for example, the Traffic Engineer shall prepare periodic updates to the revenue certificate.

B. Administrative Assistance

The Traffic Engineer may be authorized to provide administrative project support to the Tollway by:

1. Attending meetings of the Board of Directors of the Tollway, meetings of the Committees of the Board, Board and/or staff workshops, and regularly scheduled and special staff meetings.
2. Attend Tollway staff meetings.
3. Attend Tollway Traffic Operation and Safety Committee meetings.
4. Furnishing testimony in hearings, condemnation proceedings or other litigation, and preparing trial exhibits.
5. Representing the Tollway at regional meetings task teams, Tollway technical and staff meetings, agency coordination meetings, Technical Work Group meetings with IDOT and/or other parties and other meetings of governmental or quasi-governmental bodies, as requested by the Tollway.
6. Representing the Tollway before civic, charitable, homeowners, or similar groups which request a speaker to discuss the Tollway's planned or ongoing activities.
7. Generating slides, graphs, photographs, charts, computer or audio/visual presentation, or other presentation aides for the Tollway, together with papers, reports, news releases and similar items.
8. Apprising the Tollway's staff, consultants and/or Board of Directors of recent or innovative developments, trends or significant issues regarding tollway design, industry best practices, toll collection technologies, financing and operation that may be applicable to the Illinois Tollway. This work may include developing Tollway benchmarks and performance measures based on the Traffic Engineer's experience with other agencies. Performance measure analysis may include, but not be limited to, work in the following areas:
 - business center operations;
 - traffic congestion measures; and
 - toll collector safety studies.

The Traffic Engineer shall provide general engineering advice and assistance to the Tollway, the selected design section engineers, and construction managers in regard to the design and construction of the applicable projects, as well as to the designated "General Counsel" of the Tollway, in connection with all legal matters, duties, and services required in designing,

constructing, maintaining or operating the projects. The Traffic Engineer will also provide technical support for Planning Department meetings with community members, legislators, government agencies, regional task forces, the executive staff, and miscellaneous working groups. It is anticipated that the Traffic Engineer's project manager and key project staff will meet with the Tollway's project manager on a bi-weekly basis to coordinate the work on the contract.

C. Traffic and Planning Studies

The Traffic Engineer may be required to provide a wide range of ad hoc traffic and planning studies, which are not explicitly detailed in the sections above. These studies may include work on long term traffic capacity, traffic operations, mobility planning, roadway extensions, multi-modal transit projects, and new project feasibility.

A brief description of work efforts to be included in each of these special tasks is provided below.

1. Origin-Destination Studies: The Traffic Engineer will be required to conduct, upon request, an origin-destination (O-D) study to identify user travel characteristics. The Tollway staff will determine the location of the survey. The Traffic Engineer will develop the survey instrument with input from the Tollway, manage the administration of the surveys, tabulate results, and present a summary report of the findings.

2. Lane Closure Guide Update: The Lane Closure Guide provides guidance for Tollway operations by providing segment by segment analysis of when and what type of lane closures can be allowed without any queuing on the facility, providing guidance for 24 hours a day over an entire common seven day week. The Traffic Engineer will annually update the Lane Closure Guide to reflect 2016 and subsequent years' data.

3. Preliminary Planning Support for Managed Lanes and, High Occupancy Toll (HOT) Lanes, congestion pricing, indexing or other traffic management techniques: The Traffic Engineer may be required to prepare reports and memoranda on requests concerning the potential implementation of managed, HOT lanes, congestion pricing, indexing or other traffic and tolling techniques on portions of the Tollway system, and on other area expressways, and on potential future expansion projects. These studies may include but are not limited to review and identification of industry practices, identification of potential segments, review of alternative tolling scenarios, and development of suggested implementation and traffic management scenarios.

4. Traffic and Revenue Study: The Traffic Engineer will prepare as necessary a Traffic and Revenue Study to support the issuance of bonds by the Tollway. Should such a study be required, previous work will be updated to reflect additional experience under the annually updated commercial toll rate structure, potential implementation of improvements to existing roadways including new access or tolling points, extensions of highways, or implementation of new highways or people moving facilities, and the most current socioeconomic forecasts and other factors affecting toll revenue forecasts. As such, it will be suitable for use in the Official Statement. In addition, support materials will be prepared for rating agency presentations and Traffic Engineer staff will be available to participate in such presentations as needed.

5. Non-toll Ramp Traffic Counts: The Traffic Engineer will perform three weekday (Tuesday to Thursday) traffic counts on non-toll and non-permanent counter ramps with the goal of obtaining counts at every spot location from 2016-2018. Counts will include vehicle classifications. Counts will be performed at least once every three (3) years at each required ramp, or at the discretion of the Tollway.

6. Preliminary Planning Support for All Electronic Tolling: The Traffic Engineer may be required to prepare reports and memoranda upon request concerning the potential implementation of All Electronic Tolling (AET) on specific roadway segments, ramps, or at

existing toll plaza locations. These studies may include but are not limited to review and identification of industry practices, identification of potential segments, review of alternative tolling scenarios, development of suggested implementation scenarios, and the revenue impacts associated with such updates.

7. Preliminary Planning Support for New Facilities/Extended Facilities: The Traffic Engineer may be required to prepare reports and memoranda upon request concerning the potential implementation of new facilities to be funded or managed by the Tollway. These studies may include but are not limited to review and identification of industry practices, technical support for different scenarios, and benefit/cost analyses. Traffic Engineer staff shall be available to participate in interagency coordination and public outreach as needed.

8. Financial and Economic Assessments: The Traffic Engineer may be required to provide financial and economic impact assessments on existing or future tollway projects. This could include an evaluation on the return on investment, level of economic activity generated, potential job impacts and potential secondary and induced impacts associated with infrastructure investments.

9. Toll Collection System Analyses: Perform analyses of any proposed toll collection system and/or rate adjustments, which may be selected by the Tollway. These analyses shall include a detailed evaluation to develop more refined estimates of traffic and revenue impacts, which in turn shall also include refined estimates of market shifts from cash to electronic payment methods.

10. Tollway Widening Analyses: Provide the Tollway with existing and design year (i.e. 2040 traffic) Annual Average Daily Traffic (AADT), Average Daily Traffic (ADT), and Design Hourly Volume (DHV) on all Tollway mainline segments and ramps. Additionally, similar data shall be provided for all major crossroads, which will necessitate the conduct of automatic traffic record and manual classification counts. The Traffic Engineer shall conduct toll plaza operations analyses for all toll plazas located in tollway sections which are planned to be widened to determine how the increased demand following tollway widening will impact lane requirements. In addition, the Traffic Engineer must have the ability to analyze mainline and ramp plazas using software capable of simulating such conditions. The Traffic Engineer shall provide the results of these analyses in a brief report describing the purpose and need for tollway widening, methodology and basic assumptions, along with schematic diagrams presenting the traffic data.

11. Traffic Impacts to Proposed Construction: The Traffic Engineer will analyze the traffic impacts of proposed construction projects upon request. This analysis will be based on the year in question traffic data sets and will include impacted and following year Average Daily Traffic (ADT) and Design Hour Volumes (DHV's) on all mainline segments and ramps, including any revenue impacts or potential queuing that would impact traffic operations. The DHV's may be based on previously performed and new traffic assignments, information from RMAP, CMAP, Origin and Destination (O-D) survey data and other information. Additionally, similar data may be required for all competing routes, which could necessitate the conduct of automatic traffic record and manual classification counts. For certain corridors it may be necessary to conduct traffic simulation modeling and provide benefit cost analyses of different improvements.

12. Interchange Studies: The Traffic Engineer will evaluate proposals for new or improved interchanges on the Tollway system, in accordance with the Tollway's Interchange and Roadway Cost Sharing Policy. Evaluation of these improvements needs to be made to determine their relative cost-effectiveness. The typical interchange study includes a general estimate of additional traffic and revenue potential, annual net revenue impacts after recognizing incremental operating costs, opportunities for future traffic, revenue growth, travel times, traffic volumes, travel distance and the extent to which incremental net revenue would cover capital cost of implementation, and system-wide revenue potential. The Traffic Engineer should provide, if necessary, operational analyses using simulation models such as Synchro, Corsim, and VISSIM for the Tollway and affected cross-streets. Other items of consideration

include an assessment of relative levels of community support, impacts on adjacent mainline sections of the Tollway and impacts on local and regional highways.

13. Traffic Operations Analyses: This task shall cover periodic mainline and ramp operations analyses. This shall be performed using traffic analyses and operation simulation software (such as Highway Capacity Software (HCS), Freeway Microscopic Simulation (FRESIM), Corridor Microscopic Simulation (CORSIM), SYNCHRO, or VISSIM), which can take observed traffic variations and simulate actual behavior and congestion patterns for small, focused areas.

In addition, the Traffic Engineer shall periodically run "speed and delay" operations on congested sections of the Tollway System. The purpose of this will be to document observed travel delays during peak hours on different sections of the Tollway, in particular problem areas. This will provide a "real world" assessment of operating conditions and can help identify bottleneck locations. The speed-delay runs shall be made during both summer and non-summer conditions, depending on traffic characteristics in each of the corridors.

14. Tollway Extensions Continuing Support: Conduct a comprehensive review and assessment of traffic estimates for the proposed Extensions, prepared by others. The objective of this work is to develop independent traffic estimates based on the same data used by others in developing their estimates. The Traffic Engineer will assemble all available data used in the proposed Extensions work by others, including networks and trip tables for a base year and design year. Traffic networks are to be reviewed and refined/updated as required. Traffic analyses shall be conducted at opening and design-year levels, with ADT's for the Extension and major crossroads provided.

For each Extension Study, the Traffic Engineer shall prepare a letter report providing study goals/objectives, methodology, basic assumptions and findings including appropriate tabulations and illustrations.

15. Toll Collection Systems Support: Assist the Tollway in the implementation and testing of systems and services related to modern and automated, efficient and proper operations. The four areas are IPASS, conventional toll collection, violation enforcement, and traffic management.

16. Support the Tollway with the following tasks:

- a. Open Road Tolling (ORT) Lanes: Observe and monitor the ORT Lane tests as they are installed and test the classification system performance.
- b. Alternative Toll Collection Strategies: Evaluate and research toll industry practices that may be viable for implementation on the system. This effort could include an evaluation of integrating other agency toll projects with IPASS.
- c. Contract Closeout Assistance: Assist the Tollway in preparation of closeout change orders or extra work orders as negotiated by the Tollway and outside Contractor. This shall include the final tabulation of quantities, tabulation of invoices, and a checklist of RFP requirements and their completion, substitution or other disposition.
- d. As-Built Drawings and Final Records: Assist in review and reconciliation of final project documentation and establishment of a system library for project records, in conjunction with engineering reviews performed by Tollway staff and the Consulting Engineer.
- e. Provide public outreach support for Tollway capital projects.

17. Traffic Forecast Model for 2040: The Traffic Engineer shall maintain a model for estimating traffic and calculating the corresponding revenues. The model will provide the basis for developing traffic and revenue studies for proposed improvements, such as widening studies, interchange feasibility studies, and plaza analyses. The model should account for system-wide growth, traffic diversion due to changes in toll structure, short-term operational impacts, and capacity constraints including short-term construction impacts. It should also account for demographic, land use, economic and business development trends. Traffic growth at the interchanges will be correlated to socioeconomic variables using regression analysis

techniques. Growth schedules for existing, 2020, 2030, and 2040 forecast periods will be established. Annual traffic and revenue forecasts will be refined based on actual traffic data observed in the base year with subsequent re-calibration of the model. Work tasks will include updating the detailed model to reflect system changes under the Congestion Relief Program and updates to the CMAP model and trip tables.

In maintaining this model, the Traffic Engineer shall integrate data from the Chicago Metropolitan Agency for Planning (CMAP) and the Rockford Metropolitan Agency for Planning (RMAP). In concert with the update to the regional models, the Traffic Engineer will continue to update the comprehensive forecast model. The comprehensive forecast model is distinct from the regional model developed by the Regional Planning Board, as it focuses exclusively on the existing Tollway System. This package enables uniform traffic and revenue forecasts to be developed using recognized and system-wide growth trends, short-term operations and normal traffic growth associated with changes in economic activity, capacity constraints including short-term construction impacts, and more. Work tasks this year will continue with software development, establishment of model parameters and compilation of data files for direct/indirect input to the model.

D. Operations Analyses and Contract Support

Assist the Tollway in undertaking special projects, assignments, and studies including, but not limited to collecting data for submittal to governmental bodies, professional organizations, and other entities or the public.

Develop a transition plan to be implemented upon termination of the Agreement with the Traffic Engineer so as to ensure a smooth, efficient and uninterrupted transition to any successor Traffic Engineer.

In addition, the Traffic Engineer may be requested to assist the Tollway in the implementation of special studies. The following objectives are for improvement of traffic operations on the Tollway mainline and at toll plazas. In addition, studies and analyses shall be undertaken for the following Special Tasks that shall provide a basis of evaluating existing conditions and planning for future needs:

1. Traffic Operations & Plaza Analysis: This series covers a wide range of traffic-related analysis.
2. Traffic Plaza Analysis: The Traffic Engineer will evaluate plaza operations and make recommendations on potential plaza improvements. This work may include: performing plaza bottleneck studies or similar analyses, reviewing and verifying plaza traffic data, providing plaza traffic operations support, including traffic counts and signalization plans; developing plaza design-hour traffic volumes for Tollway improvements or construction projects; reviewing technical reports and responding to periodic plaza-related data requests from Tollway staff; and analyzing mainline and ramp plaza operations using simulation software.

The software should simulate patron behavior and congestion patterns for focused areas by: making recommendations on optimal staffing levels to maintain acceptable queue lengths and appropriate toll collector workload for both weekday and weekend traffic levels at specific plazas, and showing the impacts of various All Electronic Tolling initiatives at existing or proposed traffic plazas. Analysis of traffic progression at automated credit card payment machines may also be required.

3. Mainline and Interchange Operations Analyses: The Traffic Engineer will analyze mainline and interchange traffic operations. To conduct this analysis the Traffic Engineer may collect traffic data from the Host Report system, the Traffic Incident Management System (TIMS), video tapes, site visits and photographs. The work may include a review of traffic, signal timing, ramp capacity, mainline capacity, availability of shoulders, signing, striping, sight distance, and crash history. The Traffic Engineer will make maximum use of new traffic counting and speed

gathering technology installed by the Tollway. For certain locations it may be necessary to conduct traffic simulation modeling, prepare preliminary engineering drawings, develop detailed costs, and identify potential cost-participants. The Traffic Engineer will work closely with the Tollway staff in all aspects of these studies and will make recommendations for improved traffic flow based on this analysis.

4. Maintenance of Traffic (MOT) Evaluation and Review: The Traffic Engineer will review and analyze maintenance of traffic (MOT) plans for plaza and mainline construction projects to evaluate traffic impacts. This review may include simulation modeling to test various lane configurations and work zone traffic control plans. The Traffic Engineer may use visualizations to assist in this effort.

The analysis of MOT plans should include an estimate of expected delays and revenue impacts. The Traffic Engineer should also assist the Illinois Tollway with proper and necessary adjustments to the MOT before and during construction. The Traffic Engineer's recommendations on MOT plans should give consideration to facilitating traffic flow, minimizing patron delays, maximizing I-PASS participation and ensuring safety. These findings will assist in the calculation of revenue loss estimates for different construction projects as part of the Prefinal review process.

5. Roadway Performance Measures: The Traffic Engineer will calculate and report on the following traffic congestion performance measures:

- travel time index,
- percent of congested travel,
- vehicle delay,
- buffer index and
- planning time index.

Working with the Tollway staff, the Traffic Engineer will continue to make refinements to these measures as needed. These measures will be calculated on a monthly basis. The Traffic Engineer will use these measures and other information as necessary to assess the level of effectiveness of various congestion reduction techniques such as new capacity, new access, operational improvements, active traffic management, transit, etc. This information will be summarized and used to evaluate future infrastructure investments.

6. Traffic Control Plan Evaluation and Review: The Traffic Engineer will review and analyze signing and permanent traffic control plans for ramp, plaza and mainline construction projects to evaluate traffic impacts and check for compliance with Tollway and national standards.

7. Signing Policy and Review: The Traffic Engineer may be asked to periodically review the Tollway's signage and pavement markings systems and make recommendations for improvement. Recommendations may address issues including: sign design (size, color, legend); operation (static or dynamic message for time of day pricing); and location. The Traffic Engineer will provide the Tollway with recommendations on how to incorporate updated MUTCD criteria for tolled facilities. The Traffic Engineer will also provide guidance on how to incorporate All Electronic Tolling signage within the Tollway system. Potential includes review of construction signage and information signage.

8. Signal Coordination: The Traffic Engineer may assist the Tollway in developing a system where the signal timing at arterial crossings would change when queues exceed a certain maximum on the Tollway ramp. The Traffic Engineer will work with the intersecting agencies that control the traffic signals to provide the most efficient allotment of green time to minimize the potential for queuing onto mainline. The design and implementation of queue detector systems may be required. The Traffic Engineer may provide coordination and technical support for this initiative, including design drawings necessary for procurement of services.

9. Tollway Traffic Control and Signage Manual Updates: The Illinois Tollway Traffic Control Manual and Signage Manual shall be reviewed in comparison to the most recent revisions of both the State of Illinois and Federal Manual on Uniform Traffic Control Devices as they relate to the specific conditions of the Illinois Tollway. This shall include the recent revisions of

Standards and Guides for Traffic Controls for Street and Highway Construction, Maintenance, Utility and Incident Management Operations. The Traffic Engineer shall meet with the Tollway's Engineering Maintenance and Operations Division to discuss the methods used in the field to maintain traffic for the various maintenance operations.

10. Traffic Accident Analyses: Update the Traffic Accident Analyses Report conducting a detailed assessment of fatal, personal injury, and property-damage-only accidents over the past three years. From these analyses, specific locations on the Tollway System experiencing above-average accident rates will be identified. The data provided shall include accident types, number of accidents, and cluster sites. The information shall be stored in databases and represented graphically using Geographic Information System (GIS) mapping. Once high accident locations are identified, plans shall be developed for accident reduction through design modifications, surface treatments, striping, or warning signs, etc.

11. Draft Traffic Crash Data Report: The Traffic Engineer will update the Draft Traffic Crash Data Report, which includes a detailed assessment of fatalities, personal injuries, and "property-damage-only" accidents over the prior three year period for internal Tollway use. This report shall include information such as:

- accident number,
- accident rates,
- accident frequency,
- type of accident,
- severity of accident,
- location of accident,
- accident cluster sites, and
- accident characteristics, such as time of day, weather, lighting conditions, and road conditions.

In general, the methodology used in analyzing accidents will be consistent with that used by the Illinois Department of Transportation (IDOT). For locations that experience higher than average accident rates, the Traffic Engineer may provide a more detailed analysis. The data will be grouped by route and section and will be summarized for the entire system. The Traffic Engineer will provide the accident data in tabular and map formats to help identify high accident locations.

Additional narrative discussion and analysis of current and past crash characteristics and trends will be included in the annual crash report. Measures of safety will be developed such as for plaza rates and severity to form the basis of comparison with crash data in the past and future. Tracking of crash data during construction will also afford the Tollway insights on potential modifications and adjustments to permanent or work zone traffic control plans.

To supplement the report, monthly summaries of crash statistics along the Tollway System will be produced for internal Illinois Tollway distribution and discussion at monthly meetings.

12. Roadway Operations Review: The Traffic Engineer will review and analyze roadway segments to evaluate the impacts of traffic and safety on vehicular throughput. Operations and safety audits may be initiated along Tollway facilities, reviewing statistics, existing conditions, and national principles. Incident procedures will be reviewed with supporting groups that operate in conjunction with Tollway staff on incident management.

13. Design Support – Value Engineering: Under this task, the Traffic Engineer may also assist the Tollway with review and comments on reports and/or technical material. As directed by the Tollway, the Traffic Engineer will advise and consult on questions of engineering with respect to project design intent. The Traffic Engineer may also review and assist in development of stage construction layouts based on the following technical parameters:

- Traffic capacity analysis;
- Traffic access and service analysis; and
- Transportation economics analysis.

The Traffic Engineer may also assist in value engineering analysis and serve on value engineering teams when requested.

E. Electronic Tolling Technical Support

This series covers technical support for various electronic toll collection issues.

1. Conduct End-to-End Operations and Revenue Audit of Existing Toll System: The Traffic Engineer will conduct a comprehensive evaluation of the currently installed ETC system or any future updates to the system with a focus on determining whether or not the system operates according to the intentions of the original implementation, technical specifications and various contract documents. This evaluation would include independent end-to-end ad hoc testing of the entire ETC system.

The results of the end-to-end testing and toll system evaluation may be presented in the form of a detailed technical memorandum to Tollway staff. The Traffic Engineer will also investigate, select and deploy a portable transaction verification system when directed by the Tollway project manager to verify plaza operations.

2. Technical Support for Business Systems Contracts: The Engineer will review all available current systems integrator project documentation, hold discussions with Tollway and Integrator staff and in combination with the results of the previous work task (Technical Evaluation of Current Toll System) provide recommendations to staff on how best to close out the current systems integrator contract. The recommendations will be presented to staff in the form of memorandum and will include a plan and schedule for closing out said contract.

3. Develop Request for Proposals (RFP) for Toll System Hardware and Software Maintenance Services: Prepare an RFP for obtaining hardware and software maintenance services for the current lane, plaza, Host, I-PASS Business Center (including reciprocity support), and violation processing subsystems. Various work tasks would be to identify and research the following issues and include this information in the RFP:

- a. Confirm Source Code Ownership
- b. Research Non-disclosure, Usage Restrictions, Intellectual Property Provisions
- c. Review Prevailing Software License Agreements
- d. Review Existing Documentation and Insert Table of Contents (TOC) in RFP Appendix
- e. Assess Current State of Hardware and Software for each Subsystem
- f. Staffing
- g. Response Time Incentives and Penalties
- h. Equipment and Tools
- i. Configuration Management
- j. Software Modification Process
- k. Update, Develop and/or Implement Management Programs
- l. Performance Monitoring and Reporting
- m. Third Party Audits
- n. System Availability Certification
- o. Contract Duration and Extension Options
- p. Option to Replace Existing Software
- q. Contract Extensions

4. Prepare Technical Memo on Innovative Tolling Opportunities: Prepare a technical memorandum that outlines the opportunities and potential constraints, advantages, disadvantages and estimated costs of implementing innovative tolling technologies, including but not limited to:

- a. HOT lanes along selected Tollway corridors

- b. HOT lanes along existing expressway corridors
- c. Time-variable tolling within the Tollway system
- d. All Electronic Tolling at interchanges, on corridors, or systemwide
- e. Managed lanes
- f. Transit solutions along existing Tollway corridors
- g. Transit solutions along existing expressway, rail, or utility corridors

Memorandum will include a description of the current state-of-the-industry regarding the innovative tolling techniques that have been successfully implemented. Descriptions will include specific operating parameters, implementation strategies, funding sources utilized, revenue generation, maintenance and operating costs from those facilities, leading edge engineering solutions that were applied, etc.

5. Planning for Next Generation Electronic Toll Collection (ETC) System: The Traffic Engineer may assist with the development of future RFPs for the next generation ETC system. A technical evaluation of the current toll system will lay the groundwork for the next generation ETC planning since it will be clearly determined what Tollway staff wants with the new system. This document will be developed to be a section insert into the next generation ETC system RFP.

6. Audit of Lane Level Equipment: On an as needed basis, the Traffic Engineer may perform audits of the in-lane equipment to verify performance.

7. Other Support Activities: Other activities as directed by the Tollway may include such items as the following:

- a. Periodically evaluating the automatic vehicle identification system (AVI) and traffic management system and the violation enforcement system (VES) as currently existing and subsequently modified.
- b. Proposing appropriate modification to the Tollway's AVI system and Traffic Management System with respect to proposed or completed Tollway projects.

F. Technology Support

Technology Support: This series covers technical support for Geographic Information Systems, Traffic Incident Management System (TIMS), Intelligent Transportation Systems (ITS), and other various Information Technology initiatives.

1. Geographic Information Systems (GIS): The Traffic Engineer shall provide technical support to the Tollway's GIS initiative on an "as-needed" basis. This support will include continued work on the Tollway's Lane Closure application as detailed in prior sections. Given this support, the Traffic Engineer must have staff experienced with Environmental Systems Research Institute, Inc. (ESRI) systems.

The Traffic Engineer will be required to provide traffic data in an electronic format to the Tollway staff for its in-house GIS program. Required electronic data includes, but is not limited to, data from: 1) the Traffic Data Report, 2) the Traffic Accident Analyses Report, 3) the Lane Closure Guide, 4) the Draft Traffic Crash Data Report, 5) roadway performance measure output, and 6) the traffic analysis zone system used in the regional travel demand modeling process. The Traffic Engineer will provide GIS information in a Microsoft Access format, or if spatial data is involved, a personal geodatabase. If large datasets are involved, comma delimited text or xml is acceptable.

2. Information Technology: The Traffic Engineer shall provide personnel capable of serving as a liaison on projects with an Information Technology focus. These personnel may be asked to evaluate Requests for Proposals and oversee Information Technology studies. Expertise in

networking (Cisco routers, NT, Microsoft MCSE) is desirable as well as expertise in telecommunication systems. The Tollway's Information Technology Department (IT) includes full telecommunication support of a Tollway-wide Private Branch Exchange (PBX) system, microwave system, 800 MHZ radio system, and multiple T1 connections, as well as control of extensive fiber installations.

3. Traffic Reporting Technical Support: In-house, the Tollway produces daily, weekly, monthly, quarterly and annual traffic reports. This in-house reporting will require ongoing technical support, including:

- a. assistance integrating reports from new and existing host systems;
- b. verifying the accuracy and completeness of new and existing host reports;
- c. documenting the underlying business rules for new and existing reports; and
- d. developing new streamlined reports.

4. Traffic Incident Management System (TIMS) Technical Support: On an as needed basis, the Traffic Engineer will work on Traffic Incident Management System (TIMS) issues involving Dynamic Message Signs (DMS), Closed Circuit Television (CCTV), archived data management systems, traveler information systems, and information sharing with the Illinois Department of Transportation (IDOT) and other regional partners. The Traffic Engineer may also be asked to: 1) prepare TIMS-related bid documents, 2) answer technical TIMS questions, 3) develop requirements, or 4) provide project management support.

5. TIMS/ Computer Aided Dispatch (CAD) Benchmarking for Incident Management Performance: Building upon the "before" and "after" comparisons of TIMS response and clearance times, the Traffic Engineer will develop a tracking system to continuously monitor progress and measure benefits of various improvements or any changes to TIMS.

6. TIMS Operations Support and Information Integration: The Traffic Engineer shall provide input and review comments associated with any further software development, acceptance testing activities, and operations procedures development. Activities include the integration of ITIP data into TIMS, integration of portable changeable message sign operations from TIMS, Decision Support Systems for operators, a Standard Operating Procedures Manual for operators, and continued review of TIMS data quality.

7. TIMS Regional Data Archiving Initiative: The Traffic Engineer shall work with the Tollway on an interagency effort to archive regional traffic data. This effort will include coordinating various agencies such as the University of Illinois (U of I), IDOT, the City of Chicago, CMAP, and the Counties. The primary purpose of this archiving effort would be to support future dynamic routing of traffic.

8. Travel Time Algorithm Verification: The Traffic Engineer shall verify the accuracy of the travel time algorithm produced by the addition of new system-wide I-PASS readers. This analysis is contingent upon the provision of data by NET and Transcore.

9. Weigh-in-Motion Procurement: The Traffic Engineer shall provide necessary documents for procurement and installation of a more accurate weigh-in-motion system. The purpose of such a system is to establish where and when heavy trucks are operating on the Tollway system. The Traffic Engineer's work will include verification of system acceptance.

10. CCTV Cameras for Incident Response Vehicles: The Traffic Engineer will develop policies and procedures for use and sharing of video data from CCTV cameras installed on IM vehicles. This will include researching use by other transportation and incident response agencies.

11. Regional Data Archive: The Traffic Engineer will provide technical support to help guide the development of this resource.

12. Information Technology – Related Support: The Traffic Engineer may be required to provide personnel capable of serving as a liaison on all projects including those with an Information Technology focus. The consultant may assist in monitoring Requests for Proposals, evaluating, and overseeing Information Technology studies. Expertise in networking (Cisco routers, NT, Microsoft MCSE) required as well as expertise in telecommunication systems. The Tollway's Information Technology department (IT) includes full telecommunication support of a Tollway-wide Private Branch Exchange (PBX) system, microwave system, 800 MHZ radio system, and multiple T1 connections, as well as control of extensive fiber installations.

13. ITS 5-Year Plan - The Traffic Engineer may be required to assist in the development of a long-term ITS Plan for the Tollway. This task will require coordinating with other consultant staff, regional transportation agencies and neighboring states as necessary.

14. In addition to working on current projects, the consultant may assist in identifying additional projects related to IT. Review and oversight of the Information Technology department's planning processes, project management processes, and disaster recovery preparation may be part of the consultant's services.

The Traffic Engineer may also be required to have staff proficient in Geographic Information System (GIS) and Traffic Incident Management System (TIMS). The Tollway may require the consultant to provide comprehensive services for assistance in the design, review, and implementation of GIS and TIMS. The consultant may be required to provide such GIS proficient staff to be located at the Tollway's offices in order to oversee GIS and TIMS technology implementation.

They should be experienced in, but not limited to GIS related software such as: Environmental Systems Research Institute, Inc. (ESRI), Intergraph, MapInfo, and Bentley Systems.

The consultant should be prepared to provide the previously stated technical expertise and support staff on-site upon request by the Tollway. This expertise and/or support may be sub-contracted through the consultant contract.

G. Advanced Project Development

The Tollway intends to assign various tasks to the Traffic Engineer regarding general mobility planning, the study and evaluation of potential tollway projects and other Advanced Project Development services. The Tollway anticipates that portions of these services shall be assigned to the Traffic Engineer while other services may be performed by other traffic engineers, environmental engineers or other providers to be performed under the Tollway's supervision. Generally speaking, the Tollway intends that corridor studies and preliminary feasibility work will be a coordination of both the Traffic Engineer and the Consulting Engineer. Preliminary traffic and revenue studies, and investment grade feasibility studies will be performed by the Traffic Engineer.

The Traffic Engineer may be authorized to perform the following services:

1. Mobility Planning

Assist the Tollway in attending meetings of governmental and quasi-governmental bodies engaged in mobility planning and/or coordination, representing the Tollway's interests at said meetings, and promptly and accurately reporting any significant developments or information to the designated individual(s) at the Tollway. The Traffic Engineer may be requested to attend the meetings of the following entities on behalf of the Tollway:

- Chicago Metropolitan Agency for Planning (CMAP)
- Rockford Metropolitan Agency for Planning (RMAP)
- Regional Transportation Agency (RTA)

2. Feasibility Evaluation

Assist the Tollway in:

- a. Evaluating the economic feasibility of proposed tollway projects, including the preparation, review and/or evaluation of traffic models and forecasts, traffic and revenue trends, capacity analyses and projected toll revenue forecasts.
- b. Evaluating corridor studies or preliminary feasibility studies.
- c. Submitting and reviewing design traffic and coordination with IDOT, CMAP, RMAP, and RTA.
- d. Reviewing interchange justification/modification reports.
- e. Determining vehicle count and classification data.
- f. Informing the public of the status and impact of projects.
- g. Preparing Project Concept Reports.

3. Market Analysis

Assist the Tollway in conducting market research, focus groups and surveys to assess behaviors, opinions and customer preferences as it relates to congestion, signage, commercial vehicle operations, tolling, roadway performance, access needs, congestion management, etc. The intent of this task is to garner information that can be used to implement changes or support strategic planning initiatives and investments.

III. Responsibilities of the Tollway

The Tollway will furnish, without cost to the Traffic Engineer, the following services and data to the Traffic Engineer in connection with services authorized under terms of this Agreement.

- A. Furnish all the Tollway's procedures, standards, forms, and policies applicable to the services.
- B. Furnish drawings, specifications, schedules, reports and other information prepared by and/or for the Tollway by others which are available to the Tollway and which the Tollway considers pertinent to the Traffic Engineer's responsibilities, as described herein.
- C. Provide existing structural, roadway and other plans, as available.
- D. Furnish available traffic, safety (accident), and planning data.
- E. Advise the Traffic Engineer on all engineering requirements and Tollway updates.
- F. Advise the Traffic Engineer regarding all intergovernmental agreements, memoranda of understanding, and other agreements affecting the Traffic Engineer's performance under this Agreement.
- G. Provide office space at the Tollway's administration building for the Traffic Engineer managers and staff selected to be co-located with the Tollway.

PART II: CONTRACT CLAUSES AND REQUIREMENTS

2.1 CONSULTANT/SUBCONSULTANT CONFLICTS OF INTEREST WITHIN TOLLWAY PROJECTS

Certain contracts require that a consultant and/or subconsultants cannot perform other new services for the Tollway. Those are the Program Management Office (PMO), Consulting Engineer (CE), and Traffic Engineer (TE) contracts. The PMO, CE, and TE and their respective subconsultants can perform work on contracts awarded prior to the PMO, CE, or TE project awards, whether prior contract has been completed or is still in progress, in each case referred to herein as a "Prior Award". A party serving as the PMO, CE or TE may not perform other work for the Tollway during the pendency of the respective PMO, CE, or TE contract (including extensions).

Notwithstanding the permission granted to complete work under Prior Award, the prime consultant, or any subconsultant, may not review its own firm's work on a Prior Award. In such cases where, in the course of performing duties as a PMO, CE, or TE, such party, or any subconsultant thereto, would need to review its own work, the Tollway may permit the use of an "ethical screen" approved by the Tollway at the time Statements of Interest for PMO, CE, or TE are submitted. Such ethical screens must, at a minimum, provide that there shall be no communications between employees of firms reviewing Prior Award work performed or supervised by such firm. For example, if a subconsultant to the CE has the responsibility of performing electrical lighting reviews for the prime consultant, and the subconsultant is also responsible for designing electrical lighting as a subconsultant on a Prior Award, the CE prime consultant may substitute either another subconsultant or an employee of their own firm to review the Prior Award's specific design submittal. As an additional example, if a CE prime consultant is reviewing work that prime consultant performed under a Prior Award, an approved ethical screen would allow different employees of the CE than those that worked on the Prior Award or a CE subconsultant uninvolved in the Prior Award to perform the review. The Tollway reserves the right to assess any other potential issues that a professional firm, professional individual, or the Tollway reasonably determines is inappropriate.

This notice is not intended to create confusion; rather it is to request the use of common sense and professional judgment. As professional firms, it is known that you should not place your firm in an unfair advantage, and when you believe there may be an issue, to quickly inform the Tollway so that appropriate steps can be taken to mitigate any such instance. This notice is not intended to address any potential conflicts of interest ruled upon by the Chief Procurement Officer and/or the Procurement Policy Board under the Illinois Procurement Code (30 Ill. Comp. Stat. 500). Violations of this section may result in termination of contracts for cause.

2.2 FINANCIAL INFORMATION

2.2.1 Direct Labor Multiplier

The Direct Labor Multiplier to be used on all projects advertised in the PSB is as follows:

Phase I and II (Studies, Design, and Survey) (<i>applies to Consulting Engineer and Traffic Engineer staff not permanently assigned at a Tollway facility</i>)	2.8
Phase III (Construction Management)	2.8
Project Staff at Tollway Facilities (<i>applies to Consulting Engineer and Traffic Engineer staff permanently assigned to work at a Tollway facility</i>)	2.5

- The 2.5 multiplier applies to contracts with personnel permanently assigned to a Tollway facility, such as the Central Administration Building (CA) or the Lisle Technical Center. The 2.5 multiplier does not pertain to personnel assigned to construction field offices for Phase III (Construction Management).

The Direct Labor Multiplier for specialty engineering services, such as Aerial Mapping and LiDAR, will be based upon the firm's current overhead determined during contract negotiations.

2.2.2 Salary Caps and Personnel Compensation

Maximum Salary Cap for all Project Personnel is \$70 per hour.

Temporary personnel with Specialized Expertise

Personnel brought in as "experts" can bill at a rate not to exceed \$85 per hour with the written approval of the Chief Engineer. These personnel are not assigned to the project as Key Personnel but are available to assist in specific areas of expertise as needed and as requested by the Tollway.

2.2.3 Reserved.

2.2.4 Allowable Direct Costs

The Allowable Direct Cost and Allowable Direct Cost –Construction Inspection list was last updated October 01, 2013 and is available on the Tollway's website.

(<http://www.illinoistollway.com/doing-business/construction-engineering/consultant-invoicing-forms>)

Website for State Reimbursement Rates

<http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx>

Click on the "For Employees" tab and then on the "Travel Guide".

For information on accessing the Tollway Website please refer to the Table of Contents.

2.3 ILLINOIS TOLLWAY'S CONTRACT PAYMENT POLICY

The Tollway shall enter into a "Lump Sum" Agreement with the successful Offeror for Trust Indenture services. The Tollway shall enter into a "Cost Plus Fee" Agreement covering the actual hours incurred by the personnel on the project (direct labor) times the Direct Labor Multiplier plus expenses for other technical services.

The Illinois Tollway will no longer make payments under contracts for costs incurred during the preceding calendar year if any invoice for that work is received after February 28th of the subsequent fiscal year.

This policy will enable the Illinois Tollway to close its financial books both on time and accurately. In order to meet the requirements of Generally Accepted Accounting Principles and those of the Illinois Auditor General and external auditors, the Tollway must account for all of its expenditures for a given calendar year before the end of the subsequent February.

The Illinois Tollway's current contracts already require vendors to submit their invoices and progress reports on the 20th of each month for the previous month's work. Therefore, we do not anticipate this change in policy to have an adverse impact on payment of invoices.

This policy includes payment of any "re-bill" issues that may arise. We are unable to make any payments for work in a given calendar year if it has not been properly invoiced to the Illinois Tollway by February 28th of the following year.

2.4 DISADVANTAGED BUSINESS ENTERPRISE (DBE) PARTICIPATION

The Tollway hereby notifies all respondents that it will affirmatively ensure that in any contract entered into pursuant to this solicitation, disadvantaged, minority, women-owned business and Small Business Administration (SBA) 8(a) enterprises are encouraged to submit a Statement of Interest (SOI) response to this invitation and/or to participate in the advertised Disadvantaged Business Enterprise (DBE) goal of the work to be performed under the contract as a sub-consultant.

To qualify as an eligible DBE, the firm must be currently certified by one of the following agencies currently participating in the Illinois Unified Certification Program (IL UCP), or in the County of Cook, Illinois M/WBE Program or in the Small Business Administration SBA 8(a) Program. A DBE is considered to have current certification if the firm is listed in the directory database of the pertinent certifying agency:

- IL UCP - Illinois Department of Transportation (IDOT)
- IL UCP - Chicago Transit Authority (CTA)
- IL UCP - PACE
- IL UCP - METRA
- IL UCP - City of Chicago
- Cook County
- Small Business Administration SBA 8(a)

Each DBE firm utilized must be listed in a certifying agency's database at the time of SOI submission to be considered acceptable. Please provide proof of certification (example: letter) with your SOI submittal (Certifications are to be included as attachments to your SOI).

You can view/print and download the most current listing of DBE firms at:

- IDOT's web site: <https://webapps.dot.illinois.gov/UCP/ExternalSearch>
- City of Chicago's web site: <https://chicago.mwdb.com/FrontEnd/VendorSearchPublic.asp>
- County of Cook, Illinois' web site: <https://cookcounty.diversitycompliance.com/FrontEnd/VendorSearchPublic.asp?XID=2768&TN=&cookcounty>
- Small Business Administration's SBA 8(a) web site: http://dsbs.sba.gov/dsbs/search/dsp_dsbs.cfm.

Illinois Tollway Disclaimer Statement: Disadvantaged Business Enterprises (DBE) Directory, City of Chicago or Cook County, Illinois Minority and Women-Owned Business (M/WBE) Directories, or Small Business Administration SBA 8(a) Directory

Firms listed in either the Illinois Unified Certification Program (IL UCP) Disadvantaged Business Enterprises Directory or the City of Chicago Minority and Women-Owned Business Directory have been certified as a Disadvantaged Business Enterprise (DBE) by one of the IL UCP participating

agencies (Illinois Department of Transportation, City of Chicago, Chicago Transit Authority, Metra and Pace) or by the City of Chicago. Firms listed in the County of Cook, Illinois M/WBE Directory have been certified as Minority or Women Owned Business Enterprises by the County of Cook, Illinois. Firms listed in the Small Business Administration SBA 8(a) Directory have been certified as SBA 8(a) business enterprises by the Small Business Administration.

The criteria, standards and procedures by which certification decisions are made can be obtained from any of the certifying agencies.

These directories are to be used as an “informational source only” and the following must be considered:

- Certification does not mean that a firm is in any way prequalified to provide the products and/or services the firm claims it can provide. “Certification” means that the agency has determined, on the basis of information provided and the representations therein, that a business is a bona fide DBE. The certifying agency does not, as a result of any listing, make any representation concerning the ability of any listed firm to perform work in the specialty listed;
- The Tollway does not, through its use of and referral to certification lists, make any representation concerning the ability of any listed firm to perform work in the specialty listed.
- The Illinois Tollway, in awarding a contract, has discretion in determining whether a DBE firm’s listed work categories are eligible to be counted toward the fulfillment of DBE contract goals; and
- It is the responsibility of all vendors to:
 - a) Conduct their own investigation to determine the capability and capacity of the DBE firm(s) to satisfactorily perform the proposed work; and
 - b) Ensure the DBE firm(s) is currently certified. A DBE is considered to have current certification if the firm is listed in the directory database of the pertinent certifying agency.

These directories list the most current certified firms. If there are any questions concerning these directories, please contact the certifying agency.

2.5 PARTNERSHIP – MENTOR/PROTÉGÉ PROGRAM GUIDELINES

The Mentor Protégé Program and Documents have been updated effective June, 2014 and are available on the Tollway’s Website at: <http://www.illinoistollway.com/doing-business/diversity-programs/mentor-protégé-partnership-program>.

When submitting please use the Prime’s 2 -6 character SOI Firm Name Code on each file.

For further assistance on submitting Partnership Mentor/Protégé SOI’s, please call:

Lisa Pierotti
Contract Administrator II
Engineering Department
The Illinois Tollway
(630) 241-6800 X3362

Grace Gomez
Contract Administrator II
Engineering Department
The Illinois Tollway
(630) 241-6800 X4136

Terri Smith
Document Control Manager
Engineering Department
The Illinois Tollway
(630) 241-6800 X3311

2.6 STATE OF ILLINOIS VETERAN SMALL BUSINESS PARTICIPATION AND UTILIZATION PLAN

This solicitation includes a specific Veteran Small Business participation goal as specified in each Item detail based on the availability of CMS certified veteran-owned and service-disabled veteran-owned small business (VOSB/SDVOSB) vendors to perform or provide the anticipated services required by this solicitation. The Veteran Small Business participation goal is applicable as specified in each Item detail. In addition to the other award criteria established for this solicitation, the Tollway will award this contract to a Vendor that meets the goal or makes good faith efforts to meet the goal. Vendor must submit a Utilization Plan and Letter of Intent with its SOI. Refer to Section 3.3, Exhibits, for submittal instructions.

2.7 TEAMING AGREEMENT (Formerly Joint Venture Agreement)

The action of joining forces with another consultant to submit on a Professional Services Bulletin (PSB) is now called Teaming. All policies and procedures referring to Joint Venture still apply, with Teaming as the new name of the effort. The Joint Venture terminology is no longer being used.

Team offers shall comply with the same requirements set forth for individual offers, including but not limited to the submittal (under the Team's SOI code name) of the Statement of Interest, SOI Team Spreadsheet, Exhibits, and Disclosures. A Team offer represents a unique submittal, and shall not be combined with an individual offer from the Team Lead or submittals from other, unique teams.

Team members must clearly be identified with the Statement of Interest submittal, and Team Lead shall be considered the Prime Consultant upon selection. The selection criteria for the Team will include the Team members' prequalification categories, and the sum of the individual firm's work capacity and evaluation history.

The Tollway requires the Team to perform no less than 40% of the work, meaning the Team cannot subcontract more than 60% of the project work. The scope of work to be performed by each Team member and its subcontractors must be clearly defined and leave no room for interpretation in the Statement of Interest. Each Team member must make a substantial contribution to the performance of the work being completed by the Team. What is meant by substantial depends upon the number of participants in the Team, the professional qualifications of each member, and the nature of the work being performed.

The Tollway **DOES NOT** have a form for Teaming Agreements. The firms submitting as a Team are required to obtain and submit their Teaming Agreement. A Teaming Agreement, signed by all members, **MUST** be submitted within ten (10) business days after contract negotiations and prior to Board award. The Teaming Agreement will clearly identify the Team members, their percentage interest / share, as well as respective rights and responsibilities. The Teaming Agreement shall further designate a Team Lead who will assume responsibility for invoicing. The Team may have no more than three participants.

Each Team member shall procure and maintain separate insurance policies that meet the Tollway's insurance requirements. The Tollway's standard insurance requirements are set forth in the Consultant Agreement boiler plates (See Tollway website: <http://www.illinoistollway.com/doing-business/construction-engineering/consultant-contract-forms> under Doing Business>Construction and Engineering: Consultant Resources under Consultant Forms). Each Team member will procure and maintain policies that meet the required Prime's level of coverage and shall indemnify the Team against claims arising from their performance under the Team, as well as agreeing to be joint and severally liable upon termination of the Team. In the event of the termination of the Team, the insurance and indemnification rights of the Team must be assignable to the Tollway as a matter of law. Proof of compliance with these requirements must be submitted to the Tollway prior to issuance of a Notice to Proceed.

Team Statement of Interest (SOI) submittal requirement overview:

- Designate a single point of contact who shall serve as the Team's primary contact with the Tollway.
- Indicate the Team member responsible for each prequalification category.
- The Team Lead shall submit outstanding work obligations, and Forms A or Forms B disclosures (as applicable) for each of the Team members.
- Identify the Team member responsible for invoicing.
- For Exhibit A, plus other required documents specified in the PSB, combine the information for all participating Team members.
- Submit the Teaming Agreement within ten (10) days of contract negotiation and prior to Board award.

A firm planning to submit a Statement of Interest as a Team is required to contact the Tollway for a Team SOI Firm Name Code. Contact Terri Smith via e-mail at terri.smith@getipass.com. The Team SOI Firm Name Code as provided by the Tollway is required to identify and process the submittal as a Team proposal.

Only the Team Lead is required to fill out a SOITEAM.xls spreadsheet on behalf of the Team. It is imperative that the other Team members do NOT submit a SOITEAM.xls spreadsheet if they are not the Team Lead. The Team Lead must clearly identify the Team members and subconsultants doing work for or in conjunction with the Team within the Team SOITEAM.xls spreadsheet submittal.

Example of a Team (TM) submittal:

Companies forming Team are:

- Company A
- Company B
- Company C

Team Firm Name Code as provided by the Tollway is: ABC_TM

Team members naming parameters are:

- ABC_TM (Company A) "Managing Partner"
- ABC_TM (Company B) ABC_TM (Company C)
- Subcontractors to the Team Lead: J. Smith Consulting (Company B)
- F.J. Engineering (Company C)
- Subcontractors to the Team members: G. Engineering (Company A)
- Materials Inc. (Company A)
- Surveying Services (Company B) Jersey Consulting (Company B) KL Services (Company C)
- L MN Engineering (Company C)

When entering prime consultant or subconsultant information in the SOITEAM spreadsheet, please follow the below instructions:

- Under the "Prime Consultant Firm Name" enter the Team Code name as provided by the Tollway, followed by the actual firm name of the Team Lead in parenthesis.
- Subconsultants (Team participants) to the Teaming Agreement are to be listed under "Subconsultant Firm Name" by identifying the Team Code Name followed by the actual firm name in parenthesis.
- Subconsultants to a Team member are to be listed after the Team member, followed by the participating partner's name in parenthesis.

Note: When entering data into the SOITEAM.xls spreadsheet the following must be followed:

- Remove / delete the spreadsheet tabs for those items which your Team is not submitting.
- Submit one (1) SOITEAM.xls spreadsheet per Team (i.e. if you enter into more than one Team (different participants) you will need to submit a separate SOITEAM.xls spreadsheet for each.
Note: not for each item but for each separate, unique Team).
- When saving the SOITEAM.xls spreadsheet for submittal to the Tollway place the cursor in cell B3.
- Do not change formatting.

- Do not change tab colors.
- Do NOT cut and paste information.
- When entering Yes or No responses, responses are to be Yes or No not Y or N
- Ensure you enter the SOI information under the tab / item # you submitted your SOI for.
- Example: Don't enter information into the tab for item 1 / for item 8.
- When submitting the offer or submitting information to the Tollway, ensure you use the correct Team Code name as provided by the Tollway. Only the Team Lead should submit PSB e-mails.
- Outstanding work obligations, and certification and disclosure forms shall be submitted by the Team Lead on behalf of each of the Team members.

Below is a sample of how the Team members and subcontractors are to be entered and submitted within the SOITEAM.xls spreadsheet.

		Primary Contact Information	
Prime Consultant Firm Name	FEIN Number	Name	Phone Number
ABC_TM (Company A)	12#####	Brian Barnes	312-123-4567
For each Sub- Consultant enter Prime Consultant Firm Name	Sub- Consultant Firm Name	FEIN Number	Sub-Consultant Contact Person
ABC_TM (Company A)	ABC_TM (Company B)	2#####1	Ida Ingells
ABC_TM (Company A)	ABC_TM (Company C)	2#####1	Jerry James
ABC_TM (Company A)	G. Engineering (Company A)	34#####	Allan Adams
ABC_TM (Company A)	Materials Inc. (Company A)	3#####4	Greg Gardener
ABC_TM (Company A)	Surveying Services (Company B)	4#####3	Heidi Hey
ABC_TM (Company A)	Jersey Consulting (Company B)	56#####	Belinda Barnes
ABC_TM (Company A)	KL Services (Company C)	5#####6	Kenny Klinger
ABC_TM (Company A)	L MN Engineering (Company C)	6#####5	Lewis Light

2.8 PHASE III: CONSTRUCTION ENGINEERING SERVICES

The following applies to all Phase III Engineering service items.

After the Consultant has been selected, the Construction Manager (CM) shall provide the following to the Tollway:

The Consultant selected for the Construction Management (CM) Services shall submit for the Tollway's review and approval, a management plan for the specific Project for which the Consultant is selected. This plan shall include an outline of the full-time or part-time plant and on-site inspection services sampling and laboratory testing the Consultant plans to provide for Quality Assurance. The selected CM's Consultant's Quality Program (CQP) shall include the identification and pre-qualifications of the

Field Inspectors and Laboratory Technicians to be assigned to this project as employees of the Consultant or a qualified Subconsultant. The CQP shall include periodic verification by an independent qualified Subconsultant that the Quality Assurance operations are proceeding as specified using the proper methods of sampling and testing.

The name of any accredited Material Laboratory(s) to be utilized for the Quality Assurance work must be provided with the CQP. The laboratory must be accredited under the AASHTO Accreditation Program (AAP). The AAP requires on-site inspections and participation in proficiency sample programs. The Portland cement concrete PCC inspections and proficiency programs are conducted by the Cement and Concrete Reference Laboratory (CCRL). The hot-mix asphalt (HMA) programs are conducted by AASHTO Materials Reference Laboratory (AMRL). Either CCRL or AMRL can conduct the aggregate program for your lab. Both AMRL and CCRL are scheduled to be in Illinois this year.

The laboratory shall be accredited in the entire test procedures specified in IDOT Bureau of Materials and Physical Research (BMPR) Policy Memorandum "Minimum Private Laboratory Requirements for Construction Materials Testing or Mix Design." The current IDOT policy can be found in IDOT's Manual of Test Procedures for Materials. <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Memorandums-&-Letters/Highways/Materials/Concrete/6-08.1minimumprivatelabrequirements.pdf>

Personnel performing materials testing for aggregate, PCC, and HMA shall have completed the appropriate QC/QA trained technician classes. Personnel performing soils field tests shall have completed IDOT class S-33, "Standard Earth Density." (Detailed on the next page.)

The Laboratory Technicians to be assigned to this project must be prequalified by having passed the IDOT 3-day Aggregate training courses for Aggregate Testing and the IDOT QC/QA Level I and Level II (HMA and PCC) Testing Courses.

The Field Inspectors assigned to this project for on-site Quality Assurance must be prequalified by having passed the IDOT QC/QA Half-Day Nuclear Density training course, for earthwork quality control and for monitoring the on-site bituminous construction work. The Field Inspectors assigned to the on-site quality control of concrete placement shall be prequalified by having passed the IDOT/ACI Portland Cement Concrete Level I training course. Personnel performing soils field tests shall have completed IDOT class S-33, "Standard Earth Density."

The Consultant's Quality Assurance responsibilities at the material production plants shall be performed by a Field Inspector having passed the 3-day IDOT Aggregate Gradation Control System training course combined with the IDOT QC/QA Level I and Level II (HMA and PCC) Testing courses to perform the specified inspection of approved materials at the concrete and bituminous plants.

2.9 CONSTRUCTION AND QUALITY ASSURANCE CONSULTANTS

S 33-Geotechnical Field Testing and Inspection Class

S33 is a required class for technicians performing soil tests on construction projects. This includes consultant personnel providing Construction Inspection or Quality Assurance Testing on Tollway projects. The Illinois Department of Transportation (IDOT) will schedule sessions of this class after determining the demand. Below is a description of the class and sign-up information.

Course Objectives

The student will be able to do the following: 1. Determine the Standard Dry Density and Optimum Moisture content of soil or soil mix according to AASHTO T 99. 2. Determine in-place density in accordance with approved test procedures. 3. Select the correct soil curve by the use of a one-point proctor and/or textural classification of the soils. 4. Determine the moisture content of a soil by either laboratory or field methods. 5. Perform validity checks of the soil test results. 6. Report results in

accordance with departmental requirements.

Prerequisites:

1. One year of college level technical training or six months experience, or consent of the course instructor.
2. High school math, including ability to calculate percentages.

Course Length:

Two Days, including written examination.

Cost:

There is no cost to consultants.

Location:

District One, District Eight, and other locations determined by demand.

Schedule:

As determined by demand; late fall, winter, and early spring.

To Register:

Mail or Fax a note or e-mail Brad Risinger in the Technical Training Unit. For each proposed registrant, provide name, firm name, address, phone, FAX and e-mail. Please list multiple registrants in priority order, since seating in initial classes may be limited.

Brad Risinger
IDOT – Bureau of Operations
313 Hanley Building, Room 009
2300 S. Dirksen Parkway Springfield, IL 62764
(217)557-2070
FAX (217)782-1927
Brad.Risinger@illinois.gov

2.10 QUALITY ASSURANCE PREQUALIFICATION CATEGORY

From the Illinois Department of Transportation (IDOT):

This notice is for consultants who are or wish to be, prequalified in the Quality Assurance (QA) prequalification category. The requirement for accreditation of QA Testing laboratories was phased in over time and is now required.

QA Testing labs must be fully accredited to be considered for any new contracts or to renew prequalification.

NOTE: Neither prequalification nor accreditation is required for consultants working directly for contractors, performing Quality Control (QC) activities.

Synopsis of requirements:

- The laboratory must be accredited under the AASHTO Accreditation Program (AAP). The AAP requires on-site inspections and participation in proficiency sample programs. The Portland cement concrete PCC inspections and proficiency programs are conducted by the Cement and Concrete Reference Laboratory (CCRL). The hot-mix asphalt (HMA) programs are conducted by AASHTO Materials Reference Laboratory (AMRL). Either CCRL or AMRL can conduct the aggregate program for your lab. Both AMRL and CCRL are scheduled to be in Illinois this year.
- The laboratory shall be accredited in all of the test procedures specified in IDOT Bureau of Materials and Physical Research (BMPR) Policy Memorandum “Minimum Private Laboratory Requirements for

Construction Materials Testing or Mix Design.” The current IDOT policy can be found in IDOT’s Manual of Test Procedures for Materials. <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Memorandums-&-Letters/Highways/Materials/Concrete/6-08.1minimumprivatelabrequirements.pdf>

- Personnel performing materials testing for aggregate, PCC, and HMA shall have completed the appropriate QC/QA trained technician classes. Personnel performing soils field tests shall have completed IDOT class S-33, “Standard Earth Density.” The laboratory must be accredited under the AASHTO Accreditation Program (AAP).

The description of the prequalification categories, the SEFC, and the BMPR Policy Memo may be viewed or downloaded from the IDOT Internet Site: <http://www.idot.illinois.gov/doing-business/procurements/construction-services/>

Information about the AAP accreditation and AMRL programs may be found on the AMRL Web Site: <http://www.nist.gov/>

Information about the CCRL inspection and proficiency sample programs may be found on the CCRL Web Site: <http://www.nist.gov/>

2.11 CLARIFICATION OF QUALITY CONTROL/QUALITY ASSURANCE REQUIREMENTS

A Statement of Interest listing the same individual as being responsible for performing both the work and Quality Control/Quality Assurance for the same work **is not** acceptable. The Quality Control/Quality Assurance personnel on Exhibit A shall not be the same personnel preparing the data. If the prime firm does not have personnel to cover the QC/QA requirements then a Sub-consultant prequalified in the category may be used.

The following highlighted sections have been added to the Guidelines in the Professional Services Bulletin and the solicitations.

5) Complete Exhibit A as follows:

- a) List the required key personnel to match required prequalification categories and any additional personnel requirements designated in the project solicitation. Include firm name if work is to be completed by a sub-consultant.
- b) QC/QA personnel must be different individuals than those preparing the documents.

2.12 CONSULTANT CONTRACT FORMS

Standard forms, exhibits and associated instructions to be used by construction management and design services engineering consultants in preparing proposals and agreements with the Tollway are located on the Tollway website. Contracts will be awarded based on the standard Agreement templates. Selected consultants should be prepared to execute the appropriate Agreement template. Any exceptions shall be noted in the consultant’s Statement of Interest.

<http://www.illinoistollway.com/doing-business/construction-engineering/consultant-contract-forms>

PART III: LIST OF DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS

3.1 OFFEROR COMMITMENT and SIGNATURE

Include the Offeror Commitment and Signature pages in each Statement of Interest following the Table of Contents. These pages are shown below, and are available on the Tollway website and through this link: <http://www.illinoistollway.com/doing-business/construction-engineering/professional-services-bulletin>

OFFER TO PROVIDE PROFESSIONAL SERVICES

By completing and signing this form, the Offeror makes an offer to the Illinois Tollway. Offeror should also use this form as a final checklist to ensure that all required documents are completed and included with the SOI. Offeror must mark each blank below as appropriate; mark N/A when a section is not applicable to the PSB Item offered. **Offeror understands that failure to submit this form or meet all requirements is cause for disqualification.**

1. **PSB Review:** Offeror reviewed the PSB, including all referenced documents and instructions, completed all blanks, provided all required information, correctly labeled / named its SOI files, and demonstrated how it will meet the Tollway's requirements.
 Yes No

2. **Addenda:** Offeror acknowledges receipt of any and all addenda to this PSB, and has taken those into account in making this offer.
 Yes – List Addenda numbers here: _____ No Not Applicable

3. **Submission of all Documentation Required in PSB 16-2:** Offeror is submitting with its SOI any and all documents required in PSB 16-2. The most current forms are listed on the Tollway website: <http://www.illinoistollway.com/doing-business/construction-engineering/professional-services-bulletin> (Doing Business: Construction and Engineering – Joint Resources – Professional Services Bulletin). Exhibits from previous Professional Services Bulletins will not be accepted. **Offeror understands that incomplete or missing documentation will render the offer non-responsive.**
 Yes No

4. **Statements of Interest:** Offeror is submitting a separate Statement of Interest (SOI) for each PSB item. The SOI is submitted in adobe.pdf format and labeled as described in 4.4 Submittal Instructions, using the SOI FIRM NAME CODE provided by the Tollway. The Offeror is submitting under its firm's full, legal name, and if applicable, the full, legal names of its team members.
 Yes No

5. **Exhibit A:** The Offeror provided with its SOI, "key" project personnel specific to each SOI submitted, including subconsultants, resumes, category of work, etc.
 Yes No

6. **DBE and VOSB/SDVOSB Evidence:** Offeror's and/or subconsultant's evidence of certification from acceptable agencies is attached to the SOI.
 Yes No Not Applicable

7. **Exhibit B:** The Offeror provided with its SOI, the Location/Design - Environmental Questionnaire for applicable items.
 Yes No Not Applicable

8. **Exhibit C: Current Obligations:** The Offeror provided current work obligations in dollars. The Teaming Agreement's Team Lead provided current work obligations on behalf of each of the Team member firms. Exhibit C is submitted in pdf format and labeled as described in the e-mail instructions, using the SOI FIRM NAME CODE provided by the Tollway.
 Yes No Not Applicable

9. **Exhibit D: Availability of Key Project Personnel:** The Offeror provided with its SOI, Exhibit D, which must include Key personnel as identified in the item detail, for both Prime and subconsultants.
 _____ Yes _____ No _____ Not Applicable
10. **Exhibit E: Mentor-Protégé Memorandum of Understanding:** Exhibit E is provided with the SOI if the SOI identifies a Mentor-Protégé partnership. The Offeror entered the DBE commitment and percentage breakdowns in the SOITEAM Excel spreadsheet.
 _____ Yes _____ No _____ Not Applicable
11. **Exhibit F: State of Illinois Veteran Small Business Participation and Utilization Plan and Letter of Intent:** The Offeror provided with its SOI, the State of Illinois Veteran Small Business Participation and Utilization Plan and Letter of Intent for items that include a VOSB/SDVOSB goal.
 _____ Yes _____ No _____ Not Applicable
12. **SOITEAM SPREADSHEETS:** The Offeror identified the Prime, subconsultant(s) and DBE and VOSB/SDVOSB percentage breakdowns, and left no blank cells. Ranges and “TBD” are not acceptable.
 _____ Yes _____ No _____ Not Applicable
13. **FORMS A or FORMS B Certification/Disclosure Forms (version 15.2) and Illinois Tollway Standard Business Terms and Conditions:** The Offeror provided certification and disclosure forms and Illinois Tollway Terms and Conditions for itself and its Team member firms. The Disclosures are submitted in pdf format and labeled as described in the e-mail instructions, using the SOI FIRM NAME CODE provided by the Tollway.
 _____ Yes _____ No
14. **Illinois Board of Elections Registration:** The Offeror understands that Primes MUST be registered with the Illinois Board of Elections prior to the submittal of the offer (Statement of Interest), and has enclosed a copy of the registration certificate with the Certification/ Disclosure forms.
 _____ Yes _____ No

2.0 SIGNATURE CERTIFICATION

By submitting a response to this SOI, each Offeror unequivocally acknowledges that the Offeror has read and fully understands this SOI, and that the Offeror has asked questions and received satisfactory answers from the Tollway regarding any provisions of this SOI with regard to which the Offeror desired clarification. By signature below, the Principal of the Offeror certifies the information contained in the SOI is true and accurate.

SIGNATURE CERTIFICATION

I certify that my electronically scanned-in signature appearing in this Statement of Interest and associated documents submitted by our firm / team is authorized to be affixed by the person doing so and will be binding on the firm / team.

On behalf of the firm _____ (enter firm full legal name) and its team members, if any (as identified in this Statement of Interest), I certify that I am the firm’s _____ (enter title), and that I have thoroughly reviewed our existing and pending obligations for services by our Technical Staff **(including work for which selection has been made but negotiations and/or agreements execution have not been finalized)** during the ensuing year(s) to all of our clients on any type of project and have included them on Exhibit C.

If we are selected for this project, we will assign it as a top priority project utilizing the identified Key and Support Personnel as submitted on Exhibit A for the full term of the contract.

I certify that the information contained in this Statement of Interest is true and accurate.

Date _____ Signature _____

Print Name _____

3.2 DEMONSTRATED EXPERIENCE / PREQUALIFICATION

Each Statement of Interest submitted for Items 1 and 2 must include a Demonstrated Experience / Prequalification form. Unique forms follow for each appropriate PSB Item, and are available on the Tollway website.

Demonstrated Experience / Prequalification: Item 1

Excerpt from Item 1 description:

1.4.1.5.3, II - Relevant Project Experience Consulting Engineer Services

*Include a minimum of three (3) **relevant** projects of equal or greater complexity accomplished within the past five (5) years, demonstrating the firm's experience in the type of work required for this project.*

As required by 1.4.1.5.3, II and 4.3.4 Section 5, complete the below table to document the required years of experience.

<ol style="list-style-type: none"> 1. Name of Project 2. Project Location 2. Project Manager 3. Key Staff 4. Description of Project 	<ol style="list-style-type: none"> 1. Description of Your Firm's Role 2. Type of Project 3. Specific Project Involvement 	<ol style="list-style-type: none"> 1. Name of Project Owner 2. Complete Mailing Address 3. Name of Contact Person 4. Phone Numbers 5. Email Address 	<ol style="list-style-type: none"> 1. Total Project Amount 2. Your Firm's Contract Amount and Fee 3. Project Completion Date 	<ol style="list-style-type: none"> 1. Name of Client 2. Complete Mailing Address 3. Name of Contact Person 4. Phone Numbers 5. Email Address

Demonstrated Experience / Prequalification: Item 2

Excerpt from Item 2 description:

1.4.2.5.3, II - Relevant Project Experience Traffic Engineer Services

*Include a minimum of three (3) **relevant** projects of equal or greater complexity accomplished within the past five (5) years, demonstrating the firm's experience in the type of work required for this project.*

As required by 1.4.2.5.3, II and 4.3.4 Section 5, complete the below table to document the required years of experience.

1. Name of Project 2. Project Location 2. Project Manager 3. Key Staff 4. Description of Project	1. Description of Your Firm's Role 2. Type of Project 3. Specific Project Involvement	1. Name of Project Owner 2. Complete Mailing Address 3. Name of Contact Person 4. Phone Numbers 5. Email Address	1. Total Project Amount 2. Your Firm's Contract Amount and Fee 3. Project Completion Date	1. Name of Client 2. Complete Mailing Address 3. Name of Contact Person 4. Phone Numbers 5. Email Address

3.3 EXHIBITS

The following Exhibits shall be submitted in accordance with PSB submittal instructions in PART IV, and are available on the Tollway website. Refer to paragraph 4.3.4 for guidelines.

- Exhibit A: Proposed Staff
 - Required - Submit with SOI
- Exhibit B: Environmental Questionnaire
 - If required by the item, submit with SOI
- Instructions for Completing Exhibit C
- Exhibit C: Current Obligations
 - Required - Submit as a separate pdf document
- Exhibit D: Availability of Key Project Personnel
 - Required - Submit with SOI
- Exhibit E: Partnership- Mentor/Protégé Program
 - If proposing a mentor-protégé arrangement, this Exhibit is required. Submit with SOI
- Exhibit F: Veteran Small Business Participation and Utilization Plan
 - If the item includes a Veteran Goal, this Exhibit is required - Submit with SOI
- Illinois Tollway Standard Business Terms and Conditions
 - Required - Submit with Forms A or Forms B Disclosures
- SOITEAM Spreadsheet
 - Required - Submit as a separate Excel file

Exhibit A – Proposed Staff

PSB 16-2 Item #1

Please provide the information for the following Key Project Personnel, (Key Project Personnel are defined as those specific positions identified in PSB Item 1, and are subject to approval by the Tollway if they change during contract performance), including the staff from the Sub Consultants. **The personnel named in Exhibit A must also be listed on Exhibit D: Availability of Key Project Personnel**

Design Project Manager			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Construction Project Manager			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Roadway Engineer			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Drainage Engineer			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Electrical Engineer			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Mechanical Engineer			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Structural Engineer			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Environmental Specialist			
Name:			
Firm:			
Category:	Experience IAW Item 1		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Urban Planner			
Name:			
Firm:			
Category:	10 years' experience IAW Item 1		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Architect			
Name:			
Firm:			
Category:	Illinois Licensed Architect		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Exhibit A – Proposed Staff PSB 16-2 Item #1

Other Required Key Staff:

Landscape Architect			
Name:			
Firm:			
Category:	Illinois Licensed Landscape Architect		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Information Technology (IT) Professional			
Name:			
Firm:			
Category:			
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

ITS Professional			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

LEED Professional			
Name:			
Firm:			
Category:	Experience IAW Item 1		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Required Prequalification Category**			
Name:			
Firm:			
Category:			
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Required Prequalification Category**			
Name:			
Firm:			
Category:			
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

*If work is being performed by a Subconsultant list firm name also.

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

Attach resumes for Key Project Personnel.

Management

Professionals

Technical Staff

Total

Engineers _____
 Land Surveyors _____
 Architects _____
 Crew Others _____
Total _____

Technicians _____
 Draftsmen _____
 Survey _____
 Clerical _____
 Other _____
Total _____

Total Projected Staff _____

Exhibit A – Proposed Staff PSB 16-2 Item #2

Please provide the information for the following Key Project Personnel, (Key Project Personnel are defined as those specific positions identified in PSB Item 1, and are subject to approval by the Tollway if they change during contract performance), including the staff from the Sub Consultants. **The personnel named in Exhibit A must also be listed on Exhibit D: Availability of Key Project Personnel**

Traffic Engineer		
Name:		
Firm:		
Category:	Licensed Professional Engineer	
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

Information Technology (IT) Professional		
Name:		
Firm:		
Category:		
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

Urban Planner		
Name:		
Firm:		
Category:	10 years' experience IAW Item 2	
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

ITS Professional		
Name:		
Firm:		
Category:		
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

GIS Professional		
Name:		
Firm:		
Category:		
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

Required Prequalification Category**		
Name:		
Firm:		
Category:		
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

Required Prequalification Category**		
Name:		
Firm:		
Category:		
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

Required Prequalification Category**		
Name:		
Firm:		
Category:		
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

Required Prequalification Category**		
Name:		
Firm:		
Category:		
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

Required Prequalification Category**		
Name:		
Firm:		
Category:		
License #:		
Year Registered:	State:	
Office Address:		
City:	State:	

Exhibit A – Proposed Staff PSB 16-2 Item #2

Other Required Key Staff:

Required Prequalification Category**			
Name:			
Firm:			
Category:	Illinois Licensed Landscape Architect		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Required Prequalification Category**			
Name:			
Firm:			
Category:			
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Required Prequalification Category**			
Name:			
Firm:			
Category:	Licensed Professional Engineer		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

Required Prequalification Category**			
Name:			
Firm:			
Category:	Experience IAW Item 1		
License #:			
Year Registered:		State:	
Office Address:			
City:		State:	

*If work is being performed by a Subconsultant list firm name also.

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

Attach resumes for Key Project Personnel.

<u>Management</u>	<u>Professionals</u>	<u>Technical Staff</u>
Total _____	Engineers _____	Technicians _____
	Land Surveyors _____	Draftsmen _____
	Architects _____	Survey _____
	Crew Others _____	Clerical _____
	Total _____	Other _____
		Total _____

		Total Projected Staff _____

Exhibit A – Proposed Staff

PSB# _____ Item# _____

Firm will complete project within estimated time listed in the project advertisement. Yes No

If **Yes**, provide completion date and/or number of months. _____

If **No**, explain:

Exhibit A



Exhibit B

Location/Design Studies – Environmental Questionnaire

PSB No./Item No. _____ / _____

Firm Name: _____

Location/Design Study Work

1. List and describe in a short paragraph up to a maximum of five similar or more complex Location/Design studies your firm has completed in the last five years. If ISTHA project(s), use PSB No. and Item # (i.e., 11-1/5).
2. List and describe in a short paragraph up to a maximum of three less complex Location/Design studies your firm has completed in the last five years. If ISTHA project(s), use PSB No. and Item #.
3. Briefly outline the procedures you will use to accomplish the project Location/Design study objectives if selected. (This description should not exceed three pages.)

Environmental Work

This portion is to be completed when projects require Environmental Reports (Environmental Assessment or Environmental Impact Statements). Check the appropriate Prequalification Level Advertised for this project.

EA EIS

1. For EAs briefly describe a similar or more complex environmental report completed within the last ten years. For EISs, briefly describe a similar or more complex highway-related environmental report completed within the last ten years. (Completed report requires environmental documents approved for public release.)

If an ISTHA project, use PSB No. and Item #. Include the project location, type of facility studied, nature of environmental work, and public involvement process. If non-ISTHA project, include with the description the name and telephone number and e-mail address of a person in the contracting agency familiar with the project. (This description should not exceed two pages.)



Exhibit B (continued)

2. Briefly describe the environmental issues you expect to play a meaningful role in this project. Include a description of how public involvement proceedings will be conducted, if deemed necessary. (This description should not exceed the following: three pages for EAs, and five pages for EISs.)
3. Briefly describe how you plan to proceed with the Environmental portion of this project. This description should not exceed the following: one page for simple EAs, two pages for complex EAs, and three pages for EISs.
4. List the individuals, including subconsultants (if any), that will be responsible for the applicable environmental issue areas listed below, and the office location from which these individuals will be working. (Categories that must be assigned to a person prequalified in that area are noted with an asterisk.) All the environmental work must be performed either by the prime consultant or by a subconsultant firm prequalified in the required category.

	<u>Individual Name</u>	<u>Firm Name</u>	<u>Office Location</u>
*Environmental Lead	_____	_____	_____
Percent of Time Devoted to Project	_____	_____	_____
*Air	_____	_____	_____
*Noise	_____	_____	_____
*Water Quality	_____	_____	_____
Wetlands and Associated Aquatic Resources	_____	_____	_____
Biological Resources (other than wetlands)	_____	_____	_____
*Community Impacts	_____	_____	_____
Cultural Resources	_____	_____	_____
Agriculture	_____	_____	_____
Special Waste	_____	_____	_____
Geology	_____	_____	_____



Exhibit B (continued)

	<u>Individual Name</u>	<u>Firm Name</u>	<u>Office Location</u>
*Public Involvement	_____	_____	_____
*Technical Writer	_____	_____	_____
*QC/QA for Environmental Document	_____	_____	_____

Resumes are required for individuals listed above and must include details of actual work performed by the individual on specific projects, including dates. Resumes are not to exceed two pages.

*Must be assigned to currently prequalified individuals identified in the firm’s most recently approved Statement of Experience and Financial Condition as submitted to IDOT.

- Briefly describe how the environmental staff identified in item 4 will be incorporated into the study process. Particular attention should be given to those not located in the firm’s primary office who are responsible for conducting the work. This description should not exceed one page.

INSTRUCTIONS FOR COMPLETING EXHIBIT C: CURRENT OBLIGATIONS

Work Being Negotiated or Under Agreement with the Illinois State Toll Highway Authority

If your firm currently has work awarded by ISTHA, complete the first page of **Exhibit C**, showing *Project Fee and Fee Remaining in the Estimated Time Period for Completion of Each Project*. **[Projects being negotiated and scheduled supplements should be listed and the fee columns estimated.]** If your firm has a contract in which the Tollway has suspended the work, list the Project Fee and Fee Remaining To Be Earned and your best estimate of when the work will resume. If your firm is participating in an ISTHA project as a Subconsultant, complete the "**Your Firm as a Subconsultant**" block showing *Subcontract Fee and Fee Remaining in the Estimated Time Period for Completion of Each Project*.

- **Work Being Negotiated or Under Agreement by Your Transportation Staff for Other than the Illinois State Toll Highway Authority**

For any work your firm has other than ISTHA, complete the second page of **Exhibit C**, listing the *Fee Remaining in the Time Period for Completion of the Projects in the Appropriate Agency*.

- **Current Obligations for the Illinois State Toll Highway Authority that Your Firm has Subcontracted**

If your firm currently has work where a Subconsultant is being utilized, complete and submit the third of **Exhibit C**, showing their *Subcontracted Fee and Work Remaining* in the appropriate columns. If you currently have no Subconsultants on your ISTHA contracts, mark "**None**" and submit.

- **Summary of Work**

Please provide this information from totals on the first two pages of Exhibit C. The table for this information is found in Exhibit C at the bottom of the second page.

EXHIBIT C



Current Obligations of Work for the Illinois State Tollway Highway Authority

(Name of Your Firm)

Your firm as Prime Consultant

PSB No.	Total Project Fee	Fee Remaining without Subconsultants							
		0-6 Months		7-18 Months		>18 Months			
		Design	Constr.	Design	Constr.	Design	Constr.		
<u>Total as Prime:</u>	<u>(enter here & table on Page 3)</u>								

Exhibit C – Page 1 of 4

EXHIBIT C



Current Obligations of Work for the Illinois State Tollway Highway Authority

(Name of Your Firm)

Your firm as Subconsultant:

Consultant You Are Subcontracted to	PSB No.	Total Project Fee	Fee Remaining						
			0-6 Months		7-18 Months		>18 Months		
			Design	Constr.	Design	Constr.	Design	Constr.	
<u>Total as Subconsultant:</u>	(enter here & table on Page 4)								

EXHIBIT C

Current Obligations of Work by Your Transportation Staff for Other than The Illinois State Toll Highway Authority

(Your Firm's Legal Name)

	Total AGR Amount	Fee Remaining To Be Earned					
		0-6 Months		7-18 Months		>18 Months	
		Design	Constr.	Design	Constr.	Design	Constr.
City of Chicago							
Illinois Department of Transportation							
All Other Work (Public & Private)							
Total Non-ISTHA (enter here & on table below)							

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

Summary of Work

Totals For Firm	0-6 Months		7-18 Months		>18 Months	
	Design	Constr.	Design	Constr.	Design	Constr.
Total As Prime						
Total As Subconsultant						
Total For Non-ISTHA						
Total						

EXHIBIT C

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

(Your Firm's Legal Name)

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

Fee Remaining to be earned is the "Subcontract Fee" less:

- (1) The fee billed to your firm and,
- (2) The actual and estimated fee for work completed subsequent to the last submitted invoice up to the date of issuance of this Bulletin.

PSB Item #	Job #	Name of Subconsultant	Sub-contract Fee	Fee Remaining To Be Earned					
				0-6 Months		7-18 Months		>18 Months	
				Design	Constr.	Design	Constr.	Design	Constr.

EXHIBIT E - PARTNERSHIP-MENTOR/PROTÉGÉ PROGRAM

PSB 16-2 ITEM XX

MEMORANDUM OF UNDERSTANDING
BETWEEN

THE MENTOR:

FIRM NAME
ADDRESS

AND

THE PROTÉGÉ:

FIRM NAME
ADDRESS

I. PROGRAM PURPOSE

The Mentor and the Protégé commit to entering into a Mentor/Protégé Agreement in accordance with the current guidelines of the Tollway's Partnership-Mentor/Protégé Program. The purpose of the Program is to facilitate the Tollway's professional service consultants with:

- A. Meeting Disadvantaged Business Enterprise (DBE) participation goals,
- B. Establishing new partnerships with DBE firms that have no prior experience providing professional services to the Tollway,
- C. Continuing technical and nontechnical support for DBE firms that have limited experience providing professional services to the Tollway, and
- D. Assisting DBE firms with building their capacity and becoming and/or remaining self-sufficient, competitive, and profitable business enterprises.

A DBE means a business certified by the Illinois Unified Certification Program as a DBE, **or** certified by the City of Chicago or Cook County as an M/WBE, **or** certified by the U.S. Small Business Administration (SBA) as an 8(a) business. **VOSB/SDVOSB firms are not eligible for the Mentor/Protégé program UNLESS they are also certified as a DBE.**

II. CONFORMANCE TO PROGRAM GOALS

A. Participation in this project by the Protégé.

1. In area(s) being mentored:

- Technical work covered by Mentor's prequalification category(ies) _____%
Scope: _____
- Work not applicable to prequalification category(ies) _____%
Scope: _____

Note: Protégé must participate in either one or both of these areas.

2. In area(s) not being mentored:

- Work the Protégé will self-perform _____%

Note: Protégé participation in this area is optional

3. Total participation by the Protégé (Sum of 1. and 2.) _____%

B. Briefly describe an assessment of the Protégé's needs (*one-half page maximum*).

C. Briefly describe specific assistance the Mentor will provide to support the Protégé's needs (*one-half page maximum*).

III. MENTOR EXPERIENCE WITH THE PROGRAM

A. Has the Prime consultant served as a Mentor on a Tollway project completed within the last five years? If yes, list Contract #(s): YES NO

Indicate Phase(s) of Work: MP DSE CM Other

Areas of Assistance: _____

B. Is the Prime consultant currently serving as a Mentor on a Tollway project? If yes, list Contract #(s): YES NO

Indicate Phase(s) of Work: MP DSE CM Other

Areas of Assistance: _____

C. Has the Prime consultant mentored the Protégé on another Tollway project within the last five years? If yes, list Contract #(s): YES NO

Indicate Phase(s) of Work: MP DSE CM Other

Areas of Assistance: _____

IV. PROTÉGÉ EXPERIENCE WITH THE PROGRAM

A. Has the DBE firm ever been contracted by the Tollway as a Prime consultant? If yes, list date, Contract #, and description of scope for each project(s): __YES __NO

B. Has the DBE firm participated in a Mentor/Protégé Agreement on a Tollway project completed within the last five years? If yes, list the following for each project(s). __YES __NO

<u>Contract #</u>	<u>Protégé Award \$</u>	<u>Mentored by</u>	<u>Area of Assistance</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

C. Is the DBE firm currently participating in a Mentor/Protégé Agreement on a Tollway project? If yes, list the following for each project(s). __YES __NO

<u>Contract #</u>	<u>Protégé Award \$</u>	<u>Mentored by</u>	<u>Area of Assistance</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

D. Has the DBE firm participated in a Mentor/Protégé Agreement on an Illinois Department of Transportation project completed within the last five years? If yes, list the following for each project(s). __YES __NO

<u>PTB No/Item</u>	<u>Protégé Award \$</u>	<u>Mentored by</u>	<u>Area of Assistance</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

E. If the Protégé has been mentored in the same Area of Assistance proposed on this project for a Tollway and/or IDOT project a combined total of more than three times, provide explanation supporting need for additional mentoring.

V. STATEMENT OF COMMITMENT

The purpose of this statement is to confirm a commitment between the Mentor and Protégé, that upon notice of selection from the Illinois Tollway for this PSB Item, a formal Mentor-Protégé Agreement will be prepared in accordance with the current guidelines of the Tollway's Partnership–Mentor/Protégé Program.

Should the Offeror, after contract negotiation, wish to modify the 'Plan to Achieve Diversity Goal', the awarded consultant is requested to submit to the General Manager of Diversity a detailed explanation of the work category changes that were not known at the time of the SOI submittal.

SIGNATURE (Mentor Representative)

SIGNATURE (Protégé Representative)

(Date)

(Date)

NOTICE REGARDING EXHIBIT F
VETERAN-OWNED, SERVICE-DISABLED VETERAN-OWNED
SMALL BUSINESS PARTICIPATION

The Tollway hereby notifies all potential contractors that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, veteran-owned and/or service-disabled veteran-owned small business enterprises will be encouraged to submit a Statement of Interest (SOI) response to this invitation and/or to participate in the advertised Veteran-owned/Service-Disabled Veteran-Owned Business Enterprise (VOSB/SDVOSBE) goal of the work to be performed under the contract as a sub-consultant. **NOTE THAT FAILURE TO PROVIDE A UTILIZATION PLAN AND LETTER OF INTENT OR TO PROVIDE EVIDENCE OF GOOD FAITH EFFORTS TO MEET THE CONTRACT GOAL, IF APPLICABLE, WILL RESULT IN A STATEMENT OF INTEREST BEING DEEMED NON-RESPONSIVE.**

To qualify as an eligible VOSB/SDVOSBE, the firm must be currently certified by the Department of Central Management Services. Registration is available at: <http://www2.illinois.gov/cms/business/sell2/Pages/VeteranownedBusinesses.aspx>.

A current letter of certification and/or No Change Affidavit from the Illinois Department of Central Management Services is requested with your SOI submittal (Certifications are to be included as attachments to Exhibit A – Proposed Key Staff).

You can view/print and download the most current listing of VOSB/SDVOSBE firms at the Illinois Department of Central Management Services website: <http://www.illinois.gov/cms/business/sell2/Pages/VendorSearch.aspx>

To qualify as an eligible VOSB/SDVOSBE, all of the following must be met:

- The firm must be an Illinois business with annual gross sales under \$75 million
- At least 51% owned by one or more qualified service-disabled veterans or qualified veterans living in Illinois
- Provide a commercially useful function
- Provide evidence of a current VOSB/SDVOSBE certification by the Illinois Department of Central Management Services;
- Proposed to provide services identified in the specialty Area on the Letter of Certification.

ILLINOIS TOLLWAY DISCLAIMER STATEMENT

Veteran-Owned and Service-Disabled Veteran-Owned Small Business Enterprise Directory

Firms listed in the Department of Central Management Services VOSB/SDVOSBE Directory have been certified as Veteran-Owned or Service-Disabled Veteran-Owned Small Business Enterprises.

The criteria, standards and procedures by which certification decisions are made can be obtained from the Department of Central Management Services. The contract dollar amounts committed to VOSB/SDVOSBE certified firms on Illinois Tollway contracts may be eligible to be counted toward the fulfillment of VOSB/SDVOSBE contract goals on both construction contracts and professional service awards. A single firm cannot be used to meet both a Disadvantaged Business Enterprise (DBE) and a VOSB/SDVOSBE goal.

This directory is to be used as an “informational source only” and the following must be considered:

- Certification does not mean that a firm is in any way prequalified to provide the products and/or services the firm claims it can provide. “Certification” means that the Department of Central Management Services has determined, on the basis of information provided and the representations therein, that a business is a bona fide VOS/SDVOSBE. The Department of Central Management Services does not, as a result of the listing, make any representation concerning the ability of any listed firm to perform work in the specialty listed;
- The Illinois Tollway does not, through its use of and referral to the Department of Central Management Services VOSB/SDVOSBE directory, make any representation concerning the ability of any listed firm to perform work in the specialty listed.
- The Illinois Tollway in awarding a contract has discretion in determining whether a VOSB/SDVOSBE firms’ listed work categories are eligible to be counted toward the fulfillment of VOSB/SDVOSBE contract goals; and
- Department of Central Management Services disclaims any and all responsibility concerning errors, omissions or misrepresentations which may be contained in its publication. It is the responsibility of all contactors/consultants to:
 - Conduct their own investigation to determine the capability and capacity of the VOSB/SDVOSBE firm(s) to satisfactorily perform the proposed work; and
 - Ensure the VOSB/SDVOSBE has a current VOSB/SDVOSBE certification letter and/or No Change Affidavit.

This registry lists the most current Department of Central Management Services VOSB/SDVOSBE certified firms. If there are any questions concerning this directory, please contact the Department of Central Management Services.

EXHIBIT F - State of Illinois VETERAN-OWNED SMALL BUSINESS PARTICIPATION, UTILIZATION PLAN and LETTER OF INTENT for Professional Services

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

Contract Goal to be Achieved by Vendor: This solicitation includes a specific **Veteran Small Business** participation goal as specified in each Item detail based on the availability of CMS certified veteran-owned and service-disabled veteran-owned small business (VOSB/SDVOSB) vendors to perform or provide the anticipated services required by this solicitation. **The Veteran Small Business participation goal is applicable as specified in each Item detail.** This goal is also applicable to supplemental work within the scope of work provided by the VOSB/SDVOSB vendor. In addition to the other award criteria established for this solicitation, the Agency will award this contract to a Vendor that meets the goal or makes good faith efforts to meet the goal. If Vendor is a CMS certified VOSB/SDVOSB vendor, the entire goal is met and no subconsulting with a CMS certified VOSB/SDVOSB vendor is required; however, **Vendor must submit a Utilization Plan indicating that the goal will be met by self-performance.**

The VOSB goal is separate and distinct from the DBE goal. A single firm may not be utilized to achieve credit toward both VOSB and DBE goals on a single project.

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

At the time of submittal of Statement of Interest, Vendor, or Vendor's proposed Subconsultant must be certified with CMS as a VOSB or SDVOSB.

Failure to complete a Utilization Plan and/or provide Good Faith Effort Documentation shall render the Statement of Interest non-responsive or non-responsible.

Visit <http://www.illinois.gov/cms/business/sell2/Pages/VeteranownedBusinesses.aspx> for complete requirements and to apply for certification in the Veteran Business Program.

1. If applicable where there is more than one prime vendor, the Utilization Plan should include an executed Teaming Agreement specifying the terms and conditions of the relationship between the parties and their relationship and responsibilities to the contract. The Teaming Agreement must clearly evidence that the certified VOSB/SDVOSB vendor will be responsible for a clearly defined portion of the work and that its responsibilities, risks, profits and contributions of capital, and personnel are proportionate to its ownership percentage. It must include specific details related to the parties' contributions of capital, personnel, and equipment and share of the costs of insurance and other items; the scopes to be performed by the certified VOSB/SDVOSB vendor under its supervision; and the commitment of management, supervisory personnel, and operative personnel employed by the certified VOSB/SDVOSB vendor to be dedicated to the performance of the contract. Established Teaming Agreements will only be credited toward Veteran Small Business goal achievements for specific work performed by the certified VOSB/SDVOSB vendor.
2. An agreement between a vendor and a certified VOSB/SDVOSB vendor in which a certified VOSB/SDVOSB vendor promises not to provide subconsulting proposals to other vendors is prohibited. The Agency may request additional information to demonstrate compliance. Vendor agrees to cooperate promptly with the Agency in submitting to interviews, allowing entry to places of business, providing further documentation, and to soliciting the cooperation of a proposed certified VOSB/SDVOSB vendor. Failure to cooperate by Vendor and certified VOSB/SDVOSB vendor may render the Statement of Interest non-responsive or not responsible. **The**

contract will not be finally awarded to Vendor unless Vendor's Utilization Plan is approved.

- 3. Veteran Small Business Certified Vendor Locator References:** Vendors may consult CMS' Veteran Small Business Vendor Directory at www.sell2.illinois.gov/cms/business, as well as the directories of other certifying agencies, but firms **must be certified with CMS as VOSB/SDVOSB vendors at the time of submittal of Statement of Interest.**
- 4. Vendor Assurance:** Vendor shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this contract. Failure by Vendor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Agency deems appropriate. This assurance must be included in each subcontract that Vendor signs with a subconsultant.
- 5. Calculating Certified VOSB/SDVOSB Vendor Participation:** The Utilization Plan documents work anticipated to be performed, or provided by all certified VOSB/SDVOSB vendors and paid for upon satisfactory completion/delivery. Only the value of payments made for the work actually performed by certified VOSB/SDVOSB vendors is counted toward the contract goal. Applicable guidelines for counting payments attributable to contract goals are summarized below:
 - 5.1.** The value of the work actually performed by the certified VOSB/SDVOSB vendor shall be counted towards the goal. The entire amount of that portion of the contract that is performed by the certified VOSB/SDVOSB vendor shall be counted.
 - 5.2.** A vendor shall count the portion of the total dollar value of the Veteran Small Business contract equal to the distinct, clearly defined portion of the work of the contract that the certified VOSB/SDVOSB vendor performs toward the goal. A vendor shall also count the dollar value of work subcontracted to other certified VOSB/SDVOSB vendor. Work performed by the non-certified VOSB/SDVOSB party shall not be counted toward the goal. **Work that a certified VOSB/SDVOSB vendor subcontracts to a non-certified VOSB/SDVOSB vendor will not count towards the goal.**
 - 5.3.** Certified VOSB/SDVOSB vendors who are performing on contract as second tier subconsultants may be counted in meeting the established Veteran Small Business goal for this contract as long as the Prime Vendor can provide documentation indicating the utilization of these vendors.
 - 5.4.** A Vendor shall count towards the goal only expenditures to firms that perform a commercially useful function in the work of the contract.
 - 5.4.1.** A firm is considered to perform a commercially useful function when it is responsible for execution of a distinct element of the work of a contract and carries out its responsibilities by actually performing, managing, and supervising the work involved.
 - 5.4.2.** A certified VOSB/SDVOSB vendor does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction or contract through which funds are passed through in order to obtain certified VOSB/SDVOSB vendor participation. In determining whether a certified VOSB/SDVOSB vendor is such an extra participant, the Agency shall examine similar transactions, particularly those in which certified VOSB/SDVOSB vendors do not participate, and industry practices.
 - 5.5.** A Vendor shall not count towards the goal expenditures that are not direct, necessary and related to the work of the contract. Only the amount of services or goods that are directly attributable to the performance of the contract shall be counted. Ineligible expenditures include general office overhead or other Vendor support activities.

6. **Good Faith Effort Procedures:** Vendor must submit a Utilization Plan and Letters of Intent that meet or exceed the published goal. If Vendor cannot meet the stated goal, Vendor must document and explain within the Utilization Plan the good faith efforts it undertook to meet the goal. Utilization Plans are due at the time of submittal of Statement of Interest. **Vendors will not be permitted to correct goal deficiencies after the Statement of Interest due date.** CMS or the State Agency, as its delegate, will consider the quality, quantity, and intensity of Vendor's efforts.

The Utilization Plan contains a checklist of actions that CMS or the State Agency, as its delegate, will consider as evidence of Vendor's good faith efforts to meet the goal. Other factors or efforts brought to the attention of CMS or the State Agency, as its delegate, may be relevant in appropriate cases.

- 6.1. In evaluating Vendor's good faith efforts, CMS or the State Agency, as its delegate, may consider whether the ability of other firms submitting Statements of Interest to meet the contract goal suggests that good faith efforts could have resulted in Vendor meeting the goal.
- 6.2. If CMS or the State Agency, as its delegate, determines that Vendor has made good faith efforts to meet the goal, the Agency may award the contract provided that Vendor is otherwise eligible for award.
- 6.3. If CMS or the State Agency, as its delegate, determines that good faith efforts have not been met, the Statement of Interest may be determined to be non-responsive by the Chief Procurement Office.

7. **Contract Compliance:** Compliance with this section is an essential part of the contract. The following administrative procedures and remedies govern Vendor's compliance with the contractual obligations established by the Utilization Plan. After approval of the Plan and award of the contract, the Utilization Plan becomes part of the contract. If Vendor did not succeed in obtaining certified VOSB/SDVOSB vendor participation to achieve the goal and the Utilization Plan was approved and contract awarded based upon a determination of good faith, the total dollar value of certified VOSB/SDVOSB vendor work calculated in the approved Utilization Plan as a percentage of the awarded contract value shall become the contract goal.

- 7.1. The Utilization Plan may not be amended after contract execution without the Agency's prior written approval.
- 7.2. **Vendor may not make changes to its contractual certified VOSB/SDVOSB vendor commitments or substitute certified VOSB/SDVOSB vendors without the prior written approval of the Agency.** Unauthorized changes or substitutions, including performing the work designated for a certified VOSB/SDVOSB vendor with Vendor's own forces, shall be a violation of the utilization plan and a breach of the contract, and shall be cause to terminate the contract, and/or seek other contract remedies or sanctions. The facts supporting the request for changes must not have been known nor reasonably should have been known by the parties prior to entering into the subcontract. Vendor must negotiate with the certified VOSB/SDVOSB vendor to resolve the problem. Where there has been a mistake or disagreement about the scope of work, provided the certified VOSB/SDVOSB vendor can be substituted only where agreement cannot be reached for a reasonable price or schedule for the correct scope of work.
- 7.3. Substitutions of a certified VOSB/SDVOSB vendor may be permitted under the following circumstances:
- 7.3.1. Unavailability after receipt of reasonable notice to proceed;
- 7.3.2. Failure of performance;
- 7.3.3. Financial incapacity;
- 7.3.4. Refusal by the certified VOSB/SDVOSB vendor to honor the proposal;

- 7.3.5. Material mistake of fact or law about the elements of the scope of work of a solicitation where a reasonable price cannot be agreed;
 - 7.3.6. Failure of the certified VOSB/SDVOSB vendor to meet insurance, or licensing requirements;
 - 7.3.7. The certified VOSB/SDVOSB vendor's withdrawal of its Statement of Interest; or
 - 7.3.8. Decertification of the certified VOSB/SDVOSB vendor.
- 7.4.** If it becomes necessary to substitute a certified VOSB/SDVOSB vendor or otherwise change the Utilization Plan, Vendor must notify the Agency in writing of the request to substitute a certified VOSB/SDVOSB vendor or otherwise change the Utilization Plan. The request must state specific reasons for the substitution or change. The Agency will approve or deny a request for substitution or other change in the Utilization Plan within five business days of receipt of the request.
- 7.5.** Where Vendor has established the basis for the substitution to the Agency's satisfaction, it must make good faith efforts to meet the contract goal by substituting a certified VOSB/SDVOSB vendor. Documentation of a replacement certified VOSB/SDVOSB vendor, or of good faith efforts to replace the certified VOSB/SDVOSB vendor, must meet the requirements of the initial Utilization Plan. If the goal cannot be reached and good faith efforts have been made, Vendor may substitute with a non-certified VOSB/SDVOSB vendor or Vendor may perform the work.
- 7.6.** If a Vendor plans to hire a subconsultant for any scope of work that was not previously disclosed in the Utilization Plan, Vendor must obtain the approval of the Agency to modify the Utilization Plan and must make good faith efforts to ensure that certified VOSB/SDVOSB vendors have a fair opportunity to submit a proposal on the new scope of work.
- 7.7.** A new certified VOSB/SDVOSB vendor agreement must be executed and submitted to the Agency within five business days of Vendor's receipt of the Agency's approval for the substitution or other change.
- 7.8.** Vendor shall maintain a record of all relevant data with respect to the utilization of certified VOSB/SDVOSB vendors, including but without limitation, payroll records, invoices, canceled checks and books of account for a period of at least three years after the completion of the contract. Full access to these records shall be granted by Vendor upon 48 hours written demand by the Agency to any duly authorized representative thereof, or to any municipal, state or federal authorities. The Agency shall have the right to obtain from Vendor any additional data reasonably related or necessary to verify any representations by Vendor. After the performance of the final item of work or delivery of material by the certified VOSB/SDVOSB vendor and final payment to the certified VOSB/SDVOSB vendor by Vendor, but not later than 30 calendar days after such payment, Vendor shall submit a statement confirming the final payment and the total payments made to the certified VOSB/SDVOSB vendor under the contract.
- 7.9.** The Agency will periodically review Vendor's compliance with these provisions and the terms of its contract. Without limitation, Vendor's failure to comply with these provisions or its contractual commitments as contained in the Utilization Plan, failure to cooperate in providing information regarding its compliance with these provisions or its Utilization Plan, or provision of false or misleading information or statements concerning compliance, certification status or eligibility of the certified VOSB/SDVOSB vendor, good faith efforts or any other material fact or representation shall constitute a material breach of this contract and entitle the Agency to declare a default, terminate the contract, or exercise those remedies provided for in the contract or at law or in equity.
- 7.10.** The Agency reserves the right to withhold payment to Vendor to enforce these provisions and Vendor's contractual commitments. Final payment shall not be made pursuant to the contract until Vendor submits sufficient documentation demonstrating compliance with its Utilization Plan.

**EXHIBIT F - VOSB UTILIZATION PLAN –
PROFESSIONAL SERVICES**

Click here to enter text. (Vendor) submits the following Utilization Plan as part of our Statement of Interest in accordance with the requirements of the Veteran Small Business Program Status and Participation section of the solicitation for Click here to enter text. , Illinois Procurement Bulletin Reference Number Click here to enter text. . We understand that all subconsultants must be certified with the CMS Veteran Small Business Program at the time of submission of all bids / offers. We understand that compliance with this section is an essential part of this contract and that the Utilization Plan will become a part of the contract, if awarded.

Vendor makes the following assurance and agrees to include the assurance in each agreement, subcontract and/or purchase order with a subcontractor or supplier utilized on this contract: We shall not discriminate on the basis of race, color, national origin, sexual orientation or sex in the performance of this contract. Failure to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy, as the Agency deems appropriate.

Vendor submits the following statement:

- Vendor is a certified VOSB/SDVOSB and plans to fully meet the goal through self-performance.
- Vendor has identified certified VOSB/SDVOSB subcontractor(s) to fully meet the established goal and submits the attached completed Letter(s) of Intent; or
- Vendor has made good faith efforts towards meeting the entire goal, or a portion of the goal, and hereby requests a waiver (complete checklist below).

Vendor's person responsible for compliance:

Name: Click here to enter text.

Title: Click here to enter text.

Telephone: Click here to enter text.

Email: Click here to enter text.

DEMONSTRATION OF GOOD FAITH EFFORTS TO ACHIEVE GOAL AND REQUEST FOR WAIVER

If the Veteran Small Business participation goal was not achieved, the Good Faith Efforts Procedures and Guidelines outlined in Section 6 will be used to evaluate submitted utilization plans. Vendors providing Good Faith Effort documentation and request for waiver must complete and submit the Good Faith Effort Contact Log with the Statement of Interest. Failure to submit Good Faith Effort documentation in its entirety shall render Vendor's Statement of Interest non-responsive or non-responsible and cause it to be rejected or render Vendor ineligible for contract award.

Below is a checklist of actions that will be used to evaluate a Vendor's Demonstration of Good Faith Efforts and Request for Waiver. **Please check the actions which you completed.** If any of the following actions are not completed, please attach a detailed written explanation indicating why such action was not completed. If any other efforts were made to obtain Veteran Small Business participation in addition to the items listed below, attach a detailed description of such efforts.

- Utilize the Sell2Illinois website: www2.illinois.gov/cms/business to identify certified VOSB/SDVOSB vendors within the respective commodity/service codes denoted above and at a minimum email all listed vendors and solicit quotes from all vendors who express an interest via follow-up emails or telephone calls.

- Solicit through all reasonable and available means (e.g., attendance at a vendor conference, advertising and/or written notices) the interest of certified VOSB/SDVOSB vendors that have the capability to perform the work of the contract. Vendor must solicit this interest within sufficient time to allow the certified VOSB/SDVOSB vendors to respond to the solicitation. Vendor must determine with certainty if the certified VOSB/SDVOSB vendors are interested by taking appropriate steps to follow up initial solicitations and encourage them to submit a proposal. Vendor must provide interested certified VOSB/SDVOSB vendors with adequate information about the requirements of the contract in a timely manner to assist them in responding promptly to the solicitation.
- Select portions of the work to be performed by certified VOSB/SDVOSB vendors in order to increase the likelihood that the goal will be achieved. This includes, where appropriate, breaking out project scope to facilitate certified VOSB/SDVOSB vendor participation, even when Vendor might otherwise prefer to perform these work items.
- Make a portion of the work available to certified VOSB/SDVOSB vendors and selecting those portions of the work consistent with their availability, so as to facilitate certified VOSB/SDVOSB vendor participation.
- Negotiate in good faith with interested certified VOSB/SDVOSB vendors. Evidence of such negotiation must include the names, addresses, email addresses, and telephone numbers of certified VOSB/SDVOSB vendors that were considered; a description of the information provided regarding the project scope for the work selected for subconsulting and evidence as to why additional agreements could not be reached for certified VOSB/SDVOSB vendors to perform the work. A Vendor using good business judgment may consider a number of factors in negotiating with certified VOSB/SDVOSB vendors and may take a firm's capabilities into consideration. The fact that there may be some additional costs involved in finding and using certified VOSB/SDVOSB vendors may not be in itself sufficient reason for a Vendor's failure to meet the goal, as long as such costs are reasonable. Vendors are not required to accept higher quotes from certified VOSB/SDVOSB vendors if the price difference is excessive or unreasonable.
- Thoroughly investigate the capabilities of certified VOSB/SDVOSB vendors and not reject them as unqualified without documented reasons. The certified VOSB/SDVOSB vendor's memberships in specific groups, organizations, or associations and political or social affiliations are not legitimate causes for the rejection or non-solicitation of bids and proposals in Vendor's efforts to meet the goal.
- Make efforts to assist interested certified VOSB/SDVOSB vendors in obtaining lines of credit or insurance as required by the Agency.

EXHIBIT F - Letter of Intent

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

Project Name: _____ Project/Solicitation Number: _____

Name of Prime Vendor: _____ VOSB Compliance Contact: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____ Fax: _____ Email: _____

Name of Certified VOSB Vendor: _____

Address: _____ VOSB Compliance Contact: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____ Fax: _____ Email: _____

Type of agreement: Services

Anticipated start date of the Certified VOSB Vendor: _____

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

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

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

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

Vendor (Company Name and D/B/A):

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

Signature

Signature

Print Name: _____

Print Name: _____

Title: _____

Title: _____

Date: _____

Date: _____



ILLINOIS TOLLWAY
STANDARD BUSINESS TERMS AND CONDITIONS

ILLINOIS TOLLWAY CONTRACT NO.: _____

CONTRACTOR NAME: _____

1. PAYMENT TERMS AND CONDITIONS:

- 1.1 Late Payment: Payments, including late payment charges, will be paid in accordance with the State Prompt Payment Act and rules when applicable. 30 ILCS 540; 74 Ill. Adm. Code 900. This shall be Vendor's sole remedy for late payments by the State. Payment terms contained on Vendor's invoices shall have no force and effect.
1.2 Minority Contractor Initiative: Any Vendor awarded a contract under Section 20-10, 20-15, 20-25 or 20-30 of the Illinois Procurement Code (30 ILCS 500) of \$1,000 or more is required to pay a fee of \$15. The Comptroller shall deduct the fee from the first check issued to the Vendor under the contract and deposit the fee in the Comptroller's Administrative Fund. 15 ILCS 405/23.9.
1.3 Expenses: The State will not pay for supplies provided or services rendered, including related expenses, incurred prior to the execution of this contract by the Parties even if the effective date of the contract is prior to execution.
1.4 Prevailing Wage: As a condition of receiving payment Vendor must (i) be in compliance with the contract, (ii) pay its employees prevailing wages when required by law, (iii) pay its suppliers and subcontractors according to the terms of their respective contracts, and (iv) provide lien waivers to the State upon request. Examples of prevailing wage categories include public works, printing, janitorial, window washing, building and grounds services, site technician services, natural resource services, security guard and food services. The prevailing wages are revised by the Department of Labor and are available on the Department's official website, which shall be deemed proper notification of any rate changes under this subsection. Vendor is responsible for contacting the Illinois Department of Labor to ensure understanding of prevailing wage requirements at 217-782-6206 or (http://www.state.il.us/agency/idol/index.htm).
1.5 Federal Funding: This contract may be partially or totally funded with Federal funds. If federal funds are expected to be used, then the percentage of the good/service paid using Federal funds and the total Federal funds expected to be used will be provided in the award notice.
1.6 Invoicing: By submitting an invoice, Vendor certifies that the supplies or services provided meet all requirements of the contract, and the amount billed and expenses incurred are as allowed in the contract. Invoices for supplies purchased, services performed and expenses incurred through June 30 of any year must be submitted to the State no later than July 31 of that year; otherwise Vendor may have to seek payment through the Illinois Court of Claims. 30 ILCS 105/25. All invoices are subject to statutory offset. 30 ILCS 210.

Vendor(s) are required to attest to the standards set forth in this contract and must include the following statement on every one of their invoices delivered to the Tollway pursuant to statute 605 ILCS 10/16.1.

This statement must be imprinted on the invoice or an attachment attesting to the following statement:

Invoice# _____ Invoice Date _____

"The Seller, _____ (insert vendor name) hereby certifies that the goods, merchandise and wares shipped in accordance with the attached delivery invoice have met all the required standards set forth in the purchasing contract".

Authorized Representative

If the Vendor does not comply with attesting to the statute 605 ILCS 10/16.1 this will cause delay in payment.

All invoices must include original order date to ensure accurate and timely payment processing.

1.6.1 Vendor shall not bill for any taxes unless accompanied by proof that the State is subject to the tax. If necessary, Vendor may request the applicable Agency/University state tax exemption number and federal tax exemption information.

1.6.2 Vendor shall invoice at the completion of the contract unless invoicing is tied in the contract to milestones, deliverables, or other invoicing requirements agreed to in the contract.

2. **ASSIGNMENT:** This contract may not be assigned, transferred in whole or in part by Vendor without the prior written consent of the State.
3. **SUBCONTRACTING:** For purposes of this section, subcontractors are those specifically hired to perform all or part of the work covered by the contract. Vendor must receive prior written approval before use of any subcontractors in the performance of this contract. Vendor shall describe, in an attachment if not already provided, the names and addresses of all authorized subcontractors to be utilized by Vendor in the performance of this contract, together with a description of the work to be performed by the subcontractor and the anticipated amount of money that each subcontractor is expected to receive pursuant to this contract. If required, Vendor shall provide a copy of any subcontracts within 15 days after execution of this contract. Vendor shall notify the State of any additional or substitute subcontractors hired during the term of this contract. If required, Vendor shall provide to the State a copy of all such subcontracts within 15 days after execution of the subcontract. All subcontracts must include the same certifications that Vendor must make as a condition of this contract. Vendor shall include in each subcontract the subcontractor certifications as shown on the Standard Subcontractor Certification form available from the State. If at any time during the term of the Contract, Vendor adds or changes any subcontractors, Vendor must promptly notify, by written amendment to the Contract, the State Purchasing Officer or the Chief Procurement Officer of the names and addresses and the expected amount of money that each new or replaced subcontractor will receive pursuant to the Contract.
4. **AUDIT/RETENTION OF RECORDS:** Vendor and its subcontractors shall maintain books and records relating to the performance of the contract or subcontract and necessary to support amounts charged to the State pursuant the contract or subcontract. Books and records, including information stored in databases or other computer systems, shall be maintained by the Vendor for a period of three years from the later of the date of final payment under the contract or completion of the contract, and by the subcontractor for a period of three years from the later of final payment under the term or completion of the subcontract. If federal funds are used to pay contract costs, the Vendor and its subcontractors must retain its records for five years. Books and records required to be maintained under this section shall be available for review or audit by representatives of: the procuring Agency/University, the Auditor General, the Executive Inspector General, the Chief Procurement Officer, State of Illinois internal auditors or other governmental entities with monitoring authority, upon reasonable notice and during normal business hours. Vendor and its subcontractors shall cooperate fully with any such audit and with any investigation conducted by any of these entities. Failure to maintain books and

records required by this section shall establish a presumption in favor of the State for the recovery of any funds paid by the State under the contract for which adequate books and records are not available to support the purported disbursement. The Vendor or subcontractors shall not impose a charge for audit or examination of the Vendor's books and records. 30 ILCS 500/20-65.

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

representatives, subcontractors or agents. Neither Party shall be liable for incidental, special, consequential or punitive damages.

11. **INSURANCE:** Vendor shall, at all time during the term and any renewals maintain and provide a Certificate of Insurance naming the State as additional insured for all required bonds and insurance. Certificates may not be modified or canceled until at least 30 days' notice has been provided to the State. Vendor shall provide: (a) General Commercial Liability occurrence form in amount of \$1,000,000 per occurrence (Combined Single Limit Bodily Injury and Property Damage) and \$2,000,000 Annual Aggregate; (b) Auto Liability, including Hired Auto and Non-owned Auto, (Combined Single Limit Bodily Injury and Property Damage) in amount of \$1,000,000 per occurrence; and (c) Worker's Compensation Insurance in amount required by law. Insurance shall not limit Vendor's obligation to indemnify, defend, or settle any claims.
12. **INDEPENDENT CONTRACTOR:** Vendor shall act as an independent contractor and not an agent or employee of, or joint venture with the State. All payments by the State shall be made on that basis.
13. **SOLICITATION AND EMPLOYMENT:** Vendor shall not employ any person employed by the State during the term of this contract to perform any work under this contract. Vendor shall give notice immediately to the Agency's director if Vendor solicits or intends to solicit State employees to perform any work under this contract.
14. **COMPLIANCE WITH THE LAW:** The Vendor, its employees, agents, and subcontractors shall comply with all applicable federal, state, and local laws, rules, ordinances, regulations, orders, federal circulars and all license and permit requirements in the performance of this contract. Vendor shall be in compliance with applicable tax requirements and shall be current in payment of such taxes. Vendor shall obtain at its own expense, all licenses and permissions necessary for the performance of this contract.
15. **BACKGROUND CHECK:** Whenever the State deems it reasonably necessary for security reasons, the State may conduct, at its expense, criminal and driver history background checks of Vendor's and subcontractors officers, employees or agents. Vendor or subcontractor shall reassign immediately any such individual who, in the opinion of the State, does not pass the background check.
16. **APPLICABLE LAW:** This contract shall be construed in accordance with and is subject to the laws and rules of the State of Illinois. The Department of Human Rights' Equal Opportunity requirements (44 Ill. Adm. Code 750) are incorporated by reference. Any claim against the State arising out of this contract must be filed exclusively with the Illinois Court of Claims. 705 ILCS 505/1. The State shall not enter into binding arbitration to resolve any contract dispute. The State of Illinois does not waive sovereign immunity by entering into this contract. The official text of cited statutes is incorporated by reference. An unofficial version can be viewed at www.ilga.gov/legislation/ilcs/ilcs.asp.
17. **ANTI-TRUST ASSIGNMENT:** If Vendor does not pursue any claim or cause of action it has arising under federal or state antitrust laws relating to the subject matter of the contract, then upon request of the Illinois Attorney General, Vendor shall assign to the State rights, title and interest in and to the claim or cause of action.
18. **CONTRACTUAL AUTHORITY:** The Agency that signs for the State of Illinois shall be the only State entity responsible for performance and payment under the contract. When the Chief Procurement Officer or authorized designee signs in addition to an Agency, they do so as approving officer and shall have no liability to Vendor. When the Chief Procurement Officer or authorized designee, or State Purchasing Officer signs a master contract on behalf of State agencies, only the Agency that places an order with the Vendor shall have any liability to Vendor for that order.
19. **NOTICES:** Notices and other communications provided for herein shall be given in writing by registered or certified mail, return receipt requested, by receipted hand delivery, by courier (UPS, Federal Express or other

similar and reliable carrier), by e-mail, or by fax showing the date and time of successful receipt. Notices shall be sent to the individuals who signed the contract using the contact information following the signatures. Each such notice shall be deemed to have been provided at the time it is actually received. By giving notice, either Party may change the contact information.

- 20. MODIFICATIONS AND SURVIVAL:** Amendments, modifications and waivers must be in writing and signed by authorized representatives of the Parties. Any provision of this contract officially declared void, unenforceable, or against public policy, shall be ignored and the remaining provisions shall be interpreted, as far as possible, to give effect to the Parties' intent. All provisions that by their nature would be expected to survive, shall survive termination. In the event of a conflict between the State's and the Vendor's terms, conditions and attachments, the State's terms, conditions and attachments shall prevail.
- 21. PERFORMANCE RECORD / SUSPENSION:** Upon request of the State, Vendor shall meet to discuss performance or provide contract performance updates to help ensure proper performance of the contract. The State may consider Vendor's performance under this contract and compliance with law and rule to determine whether to continue the contract, suspend Vendor from doing future business with the State for a specified period of time, or to determine whether Vendor can be considered responsible on specific future contract opportunities.
- 22. FREEDOM OF INFORMATION ACT:** This contract and all related public records maintained by, provided to or required to be provided to the State are subject to the Illinois Freedom of Information Act (FOIA) (50 ILCS 140) notwithstanding any provision to the contrary that may be found in this contract.
- 23. SCHEDULE OF WORK:** Any work performed on State premises shall be done during the hours designated by the State and performed in a manner that does not interfere with the State and its personnel.
- 24. WARRANTIES FOR SUPPLIES AND SERVICES:**
 - 24.1 Vendor warrants that the supplies furnished under this contract will: (a) conform to the standards, specifications, drawing, samples or descriptions furnished by the State or furnished by the Vendor and agreed to by the State, including but not limited to all specifications attached as exhibits hereto; (b) be merchantable, of good quality and workmanship, and free from defects for a period of twelve months or longer if so specified in writing, and fit and sufficient for the intended use; (c) comply with all federal and state laws, regulations and ordinances pertaining to the manufacturing, packing, labeling, sale and delivery of the supplies; (d) be of good title and be free and clear of all liens and encumbrances and; (e) not infringe any patent, copyright or other intellectual property rights of any third party. Vendor agrees to reimburse the State for any losses, costs, damages or expenses, including without limitations, reasonable attorney's fees and expenses, arising from failure of the supplies to meet such warranties.
 - 24.2 Vendor shall insure that all manufacturers' warranties are transferred to the State and shall provide a copy of the warranty. These warranties shall be in addition to all other warranties, express, implied or statutory, and shall survive the State's payment, acceptance, inspection or failure to inspect the supplies.
 - 24.3 Vendor warrants that all services will be performed to meet the requirements of the contract in an efficient and effective manner by trained and competent personnel. Vendor shall monitor performances of each individual and shall reassign immediately any individual who is not performing in accordance with the contract, who is disruptive or not respectful of others in the workplace, or who in any way violates the contract or State policies.

25. REPORTING, STATUS AND MONITORING SPECIFICATIONS:

- 25.1 Vendor shall immediately notify the State of any event that may have a material impact on Vendor's ability to perform the contract.
- 25.2 By August 31 of each year, Vendor shall report to the Agency or University the number of qualified veterans and certain ex-offenders hired during Vendor's last completed fiscal year. Vendor may be entitled to employment tax credit for hiring individuals in those groups. 35 ILCS 5/216, 5/217.

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

27. SUPPLEMENTAL PROVISIONS

27.1 TOLLWAY SUPPLEMENTAL PROVISIONS

27.1.1 Agents and Employees:

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

27.1.2 Publicity:

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

27.1.3 Third Party Beneficiaries:

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

27.1.4 Successors In Interest:

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

27.1.5 Venue:

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

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

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

27.1.5.3 The Tollway is not currently an appropriated agency.

27.2 Report of a Change in Circumstances: The Contractor agrees to report to the TOLLWAY as soon as practically possible, but no later than 21 days following any change in facts or circumstances that might impact the CONTRACTOR's ability to satisfy its legal or contractual responsibilities and obligations under this contract. Required reports include, but are not limited to changes in the CONTRACTOR's Certification/Disclosure Forms, the CONTRACTOR's IDOT pre-qualification, or any certification or licensing required for this project. Additionally, (CONTRACTOR/VENDOR) agrees to report to the Tollway within the above timeframe any arrests, indictments, convictions or other matters involving the CONTRACTOR, or any of its principals, that might occur while this contract is in effect. This reporting requirement does not apply to common offenses, including but not limited to minor traffic/vehicle offenses.

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

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

27.3 VENDOR SUPPLEMENTAL PROVISIONS

Vendor Supplemental Provisions:

STATE OF ILLINOIS
SOLICITATION AND CONTRACT TERMS AND CONDITIONS EXCEPTIONS

ATTACHMENT CC

_____ agrees with the terms and conditions set forth in the State of Illinois Invitation for Bid, including the standard terms and conditions, the Agency/University supplemental provisions, certifications, and disclosures, with the following exceptions:

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

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

Agreed:	Agreed:
By:	By:
Signed:	Signed:
Position:	Position:
Date:	Date:



**Subcontractor Information/Delinquent Debt Review
Contractor/Consultant
Sub Contractor/Consultant
FEIN**

Date: _____

Project Number: _____

Project Name: _____

DELINQUENT DEBT REVIEW

**CONTRACTOR/
CONSULTANT**

Sub Contractor/Consultant Disclosure.

Will you be using any sub-consultants/contractors? Yes No

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

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

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

Contractor/Consultant: _____

Federal Employment Identification Number (FEIN) _____

E-Mail: _____

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

<u>Sub-Contractor(s)</u>	<u>Sub-Contractor FEIN</u>	<u>Address</u>	<u>General Type of Work</u>	<u>Anticipated Amount to be Paid (to extent known)</u>

Signature: _____

Date: _____

Printed Name: _____

PART IV: REPRESENTATIONS AND INSTRUCTIONS

4.1 SELECTION CRITERIA

Members of the Consultant Selection Committee will not be available to discuss specifics of projects listed in this PSB between the date of the submittal and the Selection Committee meeting. Please do not send letters or e-mails expressing interest in specific projects to members of the Consultant Selection Committee.

Selection of professional consultants by the Tollway is based on the firm's professional qualifications, related experience, expertise, and availability of key personnel to be assigned to the project. SOIs will be evaluated based on the following criteria:

- Related experience and technical competence of the personnel and experience of the firms and/or Subconsultants proposed. See these Item descriptions for further detail:
 1.4.1.5.3, II Relevant Project Experience Consulting Engineer Services
 1.4.2.5.3, II Relevant Project Experience Traffic Engineer Services
- Familiarity of the firm and any proposed subconsultants with the work described in the Item. Particular attention will be given to appropriate cost saving measures and innovative ideas that will benefit the Tollway.
- Ability to complete the work in the time required and the firm's existing workload.
- Commitment and availability of Key Personnel.
- Proposed method of accomplishing the project's objectives.

Consideration will also be given to the quality and scope of DBE (Reference Section 2.4 for definition of "DBE"), VOSB/SDVOSBE and Mentor Protégé proposals.

Include performance ratings for past work done for the Tollway, IDOT, or any other government agencies or public bodies, if applicable.

4.2 SCHEDULE FOR CONSULTANT SELECTION

The Tollway anticipates selecting consultants based on this estimated schedule:

Task	Date Due
Complete Statements of Interest (SOIs) are due no later than 4:30:00 pm CT on this date, including all required Attachments/Exhibits as specified in this PSB.	February 29, 2016
Shortlist Selection	Week of March 21, 2016
Shortlisted Consultants Notified for Oral Presentations (if required)	Week of March 21, 2016
Shortlisted Consultants' Oral Presentations	Week of March 28, 2016
Consultant Selection	Week of March 28 2016
Notify Consultants of Selection	Week of March 28, 2016
Final Proposal/Agreement Due from Selected Consultant	June 03, 2016

Board Approval – a copy of the subcontract agreement, if required, within fifteen (15) days after execution (generally the Notice to Proceed date) of the contract if selected, or after execution of the subcontract, whichever is later, must be submitted to the State Purchasing Officer (SPO) through the General Manager of Engineering at: 2700 Ogden Ave., Downers Grove, IL 60515	June 23, 2016
Notice to Proceed	July 29, 2016

4.3 GUIDELINES FOR SUBMITTING STATEMENTS OF INTEREST (SOI)

4.3.1 Required Format for Submitting Statements of Interest

The firm acting as the prime must be prequalified in all of the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. Any consultant, prime or sub must be prequalified by IDOT in the category of work they are performing or as stated in the item description, unless the subconsultant is being mentored in the Mentor-Protégé Program. All pre-qualifications must be obtained no later than the final date established for the receipt of Statements of Interest for any items offered.

4.3.2 All Exhibits submitted for this PSB must be current. Exhibits from previous PSBs will not be accepted.

4.3.3 Prequalified firms may indicate their desire to be considered for selection on any of the projects listed within this PSB by submitting a separate SOI for each project.

4.3.4 Each SOI must be submitted using the following basic format:

COVER SHEET

Include Full Legal Firm Name, PSB Number, Item Number, and **all** known sub-consultants (Full Legal Firm Names).

TABLE OF CONTENTS

Include Section Number and Page Numbers

OFFEROR COMMITMENT and SIGNATURE

Include the Offeror Commitment and Signature pages following the Table of Contents. These pages are shown in PART III, 3.1, and are available on the Tollway website and through this link: <http://www.illinoistollway.com/doing-business/construction-engineering/professional-services-bulletin>

Section 1. Executive Summary (limit to 10 pages)

- A. Legal Name of firm, address, telephone number, e-mail address and contact person.
- B. List all known subconsultants, the work the firm(s) will be performing and a contact person for each. Identify any DBEs (Reference Section 2.4 for definitions. Include Mentor Protégé data if applicable.
- C. Name of Project Manager.
- D. Name of Project Engineer.
- E. Project Understanding.
- F. Project Approach (include brief statement of firm's unique qualifications and experience, approach to the project's specific challenges such as maintenance of traffic, environmental constraints, budget constraints, schedule constraints, design challenges, etc.).

G. Statement that firm will meet or exceed the DBE goal and VOSB/SDVOSB goal as applicable for the item. Include the proposed percentage of work to be completed by proposed DBE and VOSB/SDVOSB firms (Percentages shall match those submitted with SOI Team Spreadsheet).

Section 2. Organization Chart

Include names and titles for all Key Project Personnel

Section 3. Personnel:

Exhibit A: Proposed Staff

Please include Exhibit A as part of Section 3 and complete as follows:

A. Include resumes for Key Project Personnel proposed for the project (Prime firm and subconsultants for those specific positions identified in the PSB item description). Resumes for each individual should not exceed two (2) pages and should include only relevant experience for the specific Item.

B. List the Key Project Personnel to match the required prequalification categories and any additional personnel requirements designated in the Bulletin Items. (Include firm name if work is to be completed by a subconsultant.) Refer to these sections for the full list of required Key Personnel for each item:

1.4.1.5.3, I - Project Team Matrix and Staffing Plan

1.4.2.5.3, I - Project Team Matrix and Staffing Plan

C. QC/QA personnel must be different individuals than staff preparing the documents.

Construction Management Services require the names and resumes of Certified Record Documentation Reviewers and Inspectors that will be assigned to the project. Specific requirements are explained in the Phase III Items.

Section 4. Availability of Key Project Personnel Form

Exhibit D.

Firms must show the percentage of time that identified Key Project Personnel will be available to work on the project described in each Item. We request a Word document saved in .pdf format to be completed with the relevant information.

Section 5. Relevant Project Experience

Include a minimum of three (3) **relevant** projects of equal or greater complexity accomplished within the past five (5) years, demonstrating the firm's experience in the type of work required for this project. The use of photos is highly discouraged. Color graphics and photographs may be sent with the e-mail files with the understanding that email size is not to exceed **7MB**. Relevant Project Experience is described in more detail in these paragraphs:

1.4.1.5.3, II - Relevant Project Experience Consulting Engineer Services

1.4.2.5.3, II - Relevant Project Experience Traffic Engineer Services

Section 6. Exhibit B:

Projects involving Location/Design Studies and Environmental Reports require completion of this Exhibit.

Section 7. Exhibit C:

Current Obligations of Work (This form must be submitted as a separate pdf document. See instructions for electronic submittals.)

Attachments:

If proposing a mentor-protégé arrangement, attach the required Exhibit E: Partnership-Mentor/Protégé Program

If the item includes a Veteran Goal, attach the required Exhibit F: Veteran Small Business Participation and Utilization Plan

4.4 SUBMITTAL INSTRUCTIONS

Please carefully read the instructions below **BEFORE** submitting your Statements of Interest.

4.4.1 General Instructions

- It is CRITICAL that submittal instructions be followed. All Forms, ESPECIALLY the SOI Team spreadsheet (SOITEAM.xls), must be submitted per the instructions provided. Failure to do so may result in an incomplete submittal resulting in your firm being disqualified. For further information on accessing the Tollway Website, PSB and Exhibits, please refer to the Table of Contents.
- All Statements of Interest to be submitted through the email system must use Adobe Acrobat 5.0 version or greater.
- Scanned images, color graphics, and photographs which are converted to Adobe Portable Document Files (PDF) can be very large. Therefore, we are discouraging the use of color graphics, photographs and company logo images in the SOI submittal. The Word and/or Excel documents available on the Tollway website are labeled as follows:

Exhibit A.doc	Submit with SOI
Exhibit B.doc	Submit with SOI, if required
Exhibit C.doc	Submit as WL.pdf
Exhibit D.doc	Submit with SOI
Offeror Commitment and Signature	Submit with SOI
Forms A or Forms B Disclosures	Submit as DS.pdf
Illinois Tollway Standard Business Terms and Conditions	Submit with Forms A or Forms B Disclosures
SOITEAM Spreadsheet.xls	Submit as SOITEAM.xls
Exhibit E. Partnership-Mentor/Protégé Program	Submit with SOI
Exhibit F. VOSB/SDVOSBE Utilization Plan and Letter of Intent	Submit with SOI

- Complete the Word documents and then convert them to Adobe .pdf for the submittal.
- Do not send zipped files. They will be rejected and cause your submittal to be disqualified.
- The size limitation on incoming emails is **7MB**. If you exceed this limit, you must separate the contents into multiple emails. Identify the number of emails being sent (i.e. 1 of 3) in the subject line. Please do not submit part of an Item in one email and another part in the next email. Only those Item submittals that exceed 7MB should be submitted in more than one email.

4.4.2 Naming and Labeling Instructions

- All electronic submittals must be addressed to SOIPSB.16-2@getipass.com. You will receive an e-mail delivery receipt confirmation if submitted correctly.
- The Tollway requires electronic submittals for the Professional Services Bulletin's Statements of Interest via the established PSB mail box. All respondents must utilize a unique 2 to 6 character SOI Firm Name Code assigned by the Tollway.
- To determine the designated SOI Firm Name Code go to the Tollway's website under Doing Business>Construction and Engineering - see Joint Resources and click on the link to the Professional Services Bulletin page. The current SOI Firm Name Code List will be posted under the "Required Forms" section. If your firm is not included on the list, or your firm name has changed, please contact Terri Smith at (630) 241-6800, extension 3311, for an assigned SOI Firm Name Code. See Part II, paragraph 2.5, for additional contacts.
- When submitting "Partnership Mentor/Protégé" Team files, please use the Prime's 2-6 character SOI Firm Name Code.
- When submitting "Team" files please, use the **new** SOI Firm Name Code assigned by the Tollway to the Team. The SOI Firm Code Name is exclusive to the electronic submittal – meaning it does not establish the name of the Team.
- All electronic submittals of your firm's emails subject lines MUST read: **SOIPSB16-2, SOI FIRM NAME CODE, ITEM (#'s)**. Any variation excluding SOIPSB16-2 from the subject line will result in your firm's submittal(s) being directed to a "SPAM FOLDER" which will automatically delete the email.

4.4.3 Instructions for Submitting the SOI Team Spreadsheet

- The Tollway requires an electronic submittal of the Statements of Interest, and a SOI Team spreadsheet (SOI Team: Prime and subconsultant PSB 16-2) that captures critical information used in the Selection Process. The instructions are as follows:
 - Vendors must obtain the SOI Team spreadsheet from the Tollway Website: Prime and subconsultant PSB 16-2 Spreadsheet.
 - The SOI Team Spreadsheet includes a separate worksheet for each Item advertised in the PSB. Vendors are required to complete the worksheet for each Item, completing all columns shown for the Prime Consultant, and for every subconsultant that is being proposed. **Do not enter “TBD” or enter a range of percentages, and do not leave blank cells.**
 - For each subconsultant, the Prime’s full legal firm name must be entered in the first column. The worksheet is to be completed for each Item for which your firm is submitting a SOI; all other worksheets may be deleted before submitting to the Tollway.
 - The SOI Team Spreadsheet format cannot be altered – it contains imbedded formulas; do not cut and/or copy, link or paste any information. All information must be typed - not copied in. DO NOT ADD, or DELETE columns, or reformat the sheets or any setting in the cell (font/type). DO NOT MODIFY THE COLUMNS, ROWS AND/OR ANY CELLS. DO NOT skip rows when entering information; there should be no blanks between information. DO NOT write-protect your submissions; DO save your file with your cursor in cell **B3** and as an Excel 2010 file before submitting.
 - The SOI Team Spreadsheet is to be submitted only ONCE per Offeror / Team as a single Spreadsheet containing worksheets for only those item(s) for which a SOI has been submitted. **Do NOT send your spreadsheet as a .pdf file – it MUST be in the Excel format as provided.**
 - NOTE: If a firm is submitting as a prime and also as a Team lead for one or more teams, a separate SOITEAM Spreadsheet must be submitted for each. DO NOT combine SOITEAM Spreadsheets for unique offers / entities.

4.4.4 Instructions for Electronic Submittal

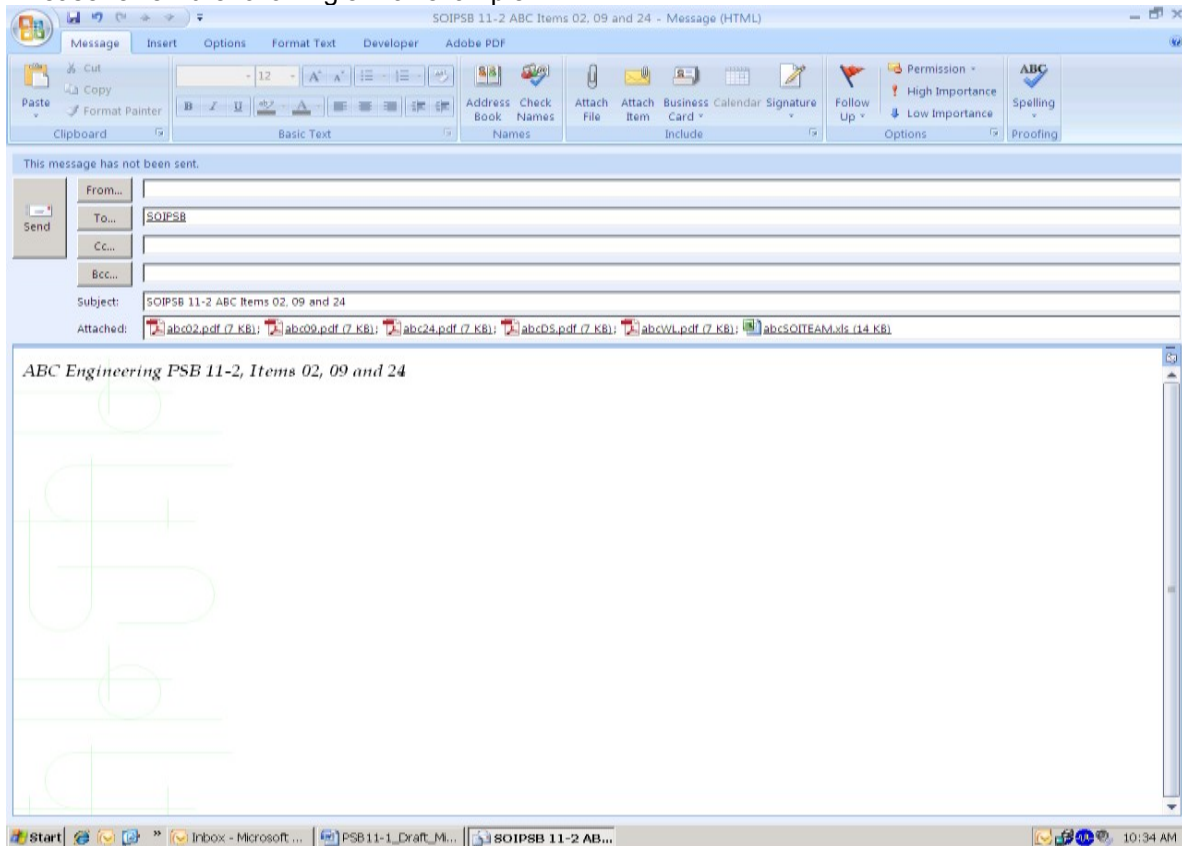
It is important that your email be prepared according to the following instructions. (Note: Engineering is used for example purposes only.)

- The first line of your email shall indicate your Firm / Team Name, PSB and Item Number(s) on which your firm is submitting. If submitting more than one email due to size, only reference the item numbers included with the email.
- The body of the email submittal must list the name and phone number of your firm’s contact person.
- Each attachment must be labeled as indicated below:
 - For each Item on which you are submitting, use your 2-6 character SOI Firm Name Code (this example = abc), immediately followed by the 2-digit Item Number (i.e., 01 through 99). (Example: abc02.pdf)
 - For your firm’s Disclosure Forms (Forms A or Forms B) use your 2-6 character SOI Firm Name Code, followed by DS. (Example: abcDS.pdf). If your firm is registered on the IPG, include your IPG registration number in the body of your email.
 - Disclosures submitted on behalf of a Teaming Agreement should use the unique 2-6 character SOI Firm Name Code for each individual Team firm name followed by DS_TM. (Example: abcDS_TM.pdf, defDS_TM.pdf and ghiDS_TM.pdf). If the firms are registered on the IPG, include your IPG registration number in the body of your email. NOTE: Firms previously assigned a JV code name may be allowed to use this designation for historical consistency, but should confirm with the Tollway.
 - For your firm’s Current Obligations (Exhibit C), use your 2-6 character SOI Firm Name Code, followed by WL (Example: abcWL.pdf). Exhibit C submitted on behalf of a Teaming Agreement should use the unique 2-6 character SOI Team Name Code (Example: abc_TMWL.pdf).
 - For your firm’s SOITEAM Spreadsheet, use your 2-6 character SOI Firm Name Code, followed by SOITEAM.xls. (For Teams, the subject line of each should utilize the Teaming Agreement Name code assigned by the Tollway. The Team lead will submit on behalf of the

participating partners and identify the partner with a (TM) following their firm name in the work sheet.) (Example: abc_TMSOITEAM.xls)

- **DO NOT CONVERT THE SOITEAM SPREADSHEET INTO pdf.**
- Signatures must be scanned, then cut/copied and pasted into the appropriate signature blocks. The files (with the exception of SOITEAM Spreadsheet) must then be converted to a PDF.

*Please review the following e-mail example:



*This example is an illustration of the use of "SOI Firm Name Code's" and file names. Please follow the Electronic Submittal Instructions regarding e-mail size limitations.

- Detail Descriptions of Attachments for electronic submittal:
 - abc02, abc09 and abc24 are the Statements of Interest for the submitted Items and must include Exhibit A within the submittal. Following Exhibit A, include resumes of key project personnel listed in Exhibit A. If Exhibit B is required, include next, followed by resumes of individuals listed on page 2 of Exhibit B.
 - abcDS is the Disclosure Forms. One copy of the Disclosure Forms is required (unless you are submitting as a Team – if a Team, include a DS for each Team member and name as abcDS_TM.pdf). The word file "Certification Disclosure Forms.doc" includes all certification forms, the Disclosure of Business Operations in Iran and the Delinquent Debt Form. If your firm is registered on the IPG, include your IPG registration number in your email.
 - abcWL is the Current Obligation Form (Exhibit C). One copy of the Current Obligations Form is required per Offeror / Team. The instructions shown on page one should not be included in your submittal.
 - abcSOITEAM.xls is the "SOI Team Prime and subconsultant PSB 16-2" Spreadsheet. Since the Spreadsheet contains a worksheet for each ITEM only one copy of the SOITEAM.xls file is required per unique Offeror / Team.

4.5 DISCLOSURES AND CERTIFICATIONS

4.5.1 Instructions for Submitting Disclosures

The submittal shall contain either FORMS A or FORMS B. Offers submitted without FORMS A or FORMS B shall be deemed non-responsive. FORMS A section contains eight forms and shall be returned by Offerors that are not registered in the Illinois Procurement Gateway (IPG).

FORMS B contains three forms and shall be returned by Offerors that have a current, approved IPG registration number.

Forms A Section

Complete this section if you **are not using** an Illinois Procurement Gateway (IPG) Registration #

<http://www.illinoistollway.com/doing-business/construction-engineering/consultant-contract-forms>

1. Business and Directory Information
2. Illinois Department of Human Rights Public Contracts Number
3. Authorized to Do Business in Illinois
4. Standard Certifications
5. State Board of Elections
6. Disclosure of Business Operations in Iran
7. Financial Disclosures and Conflicts of Interest
8. Taxpayer Identification Number
9. Signature

Forms B Section

Complete this section only if you **are using** an IPG Registration #

<http://www.illinoistollway.com/doing-business/construction-engineering/consultant-contract-forms>

1. Certification of Illinois Procurement Gateway Registration #
2. Certification Timely to this Solicitation
3. Replacement Certification to IPG Certification #6
4. Disclosures of Lobbyist or Agent
5. Disclosure of Current and Pending Contracts
6. Signature

For Veteran Small Business Utilization Plan go to:

<http://www.illinoistollway.com/doing-business/construction-engineering/professional-services-bulletin>

4.5.2 Instructions for Submitting Certifications

Submit the Illinois Tollway Standard Business Terms and Conditions (see Part III, 3.3) with your Forms A or Forms B Disclosures. This document is also available on the Tollway website.

4.6 SUBMITTING A PROTEST

Vendors may submit a written protest to the Protest Review Office following the requirements of the Standard Procurement Rules. 44 ILL. ADMIN. CODE 1.5550, 4.5550, 6.420, & 8.150. For protests related to specifications, the Protest Review Office must physically receive the protest no later than 14 days after the solicitation or related addendum was posted to the Bulletin. For protests related to rejection of individual bids or awards, the protest must be received by close of business no later than 14 days after the protesting party knows or should have known of the facts giving rise to the protest. The Protest Review Office information is as follows:

Chief Procurement Office
Attn: Protest Review Office
401 S. Spring Street
Suite 515 Stratton Office Building
Springfield, IL 62706

Phone: (217) 558-3724
Facsimile: (217) 558-1399
Illinois Relay: (800) 526-0844

4.7 USEFUL LINKS FOR PSB 16-2

The Illinois Tollway - <http://www.illinoistollway.com/homepage>

Professional Service Bulletin - <http://www.illinoistollway.com/doing-business/construction-engineering/professional-services-bulletin>

Consultant Contract Forms (required forms for submittal) - <http://www.illinoistollway.com/doing-business/construction-engineering/consultant-contract-forms>

Consultant Invoicing Forms - <http://www.illinoistollway.com/doing-business/construction-engineering/consultant-invoicing-forms>

Mentor Protégé Program - <http://www.illinoistollway.com/doing-business/diversity-programs/mentor-protégé-partnership-program>

Public Act 097-0895 - <http://www.ilga.gov/legislation/publicacts/97/097-0895.htm>

Illinois Procurement Bulletin - <http://www.purchase.state.il.us>

Illinois Procurement Gateway Frequently Asked Questions - <http://www2.illinois.gov/cpo/Pages/IPGFAQs.aspx>

Chief Procurement Office/Procurement Gateway – Vendor Registration - <https://ipg.vendorreg.com/>

State Board of Elections - <http://www.elections.state.il.us/BusinessRegistration/BerepSearchByBusiness.aspx>.

Illinois Department of Central Management Services – Travel Reimbursement Schedule - <http://www2.illinois.gov/cms/Employees/travel/Pages/TravelReimbursement.aspx> -

National Institute of Standard Technology - <http://patapsco.nist.gov/amrl/home/index.asp>
<http://www.nist.gov/>

Illinois Department of Transportation - <http://www.idot.illinois.gov/doing-business/quick-links>

City of Chicago Certification of Compliance - <https://chicago.mwdbe.com/FrontEnd/VendorSearchPublic.asp?TN=Chicago>

Illinois Department of Transportation Manual of Test Procedures for Materials - <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Memorandums-&-Letters/Highways/Materials/Concrete/6-08.1minimumprivatelabrequirements.pdf>

4.8 ILLINOIS PROCUREMENT BULLETIN (IPB) NOTICE

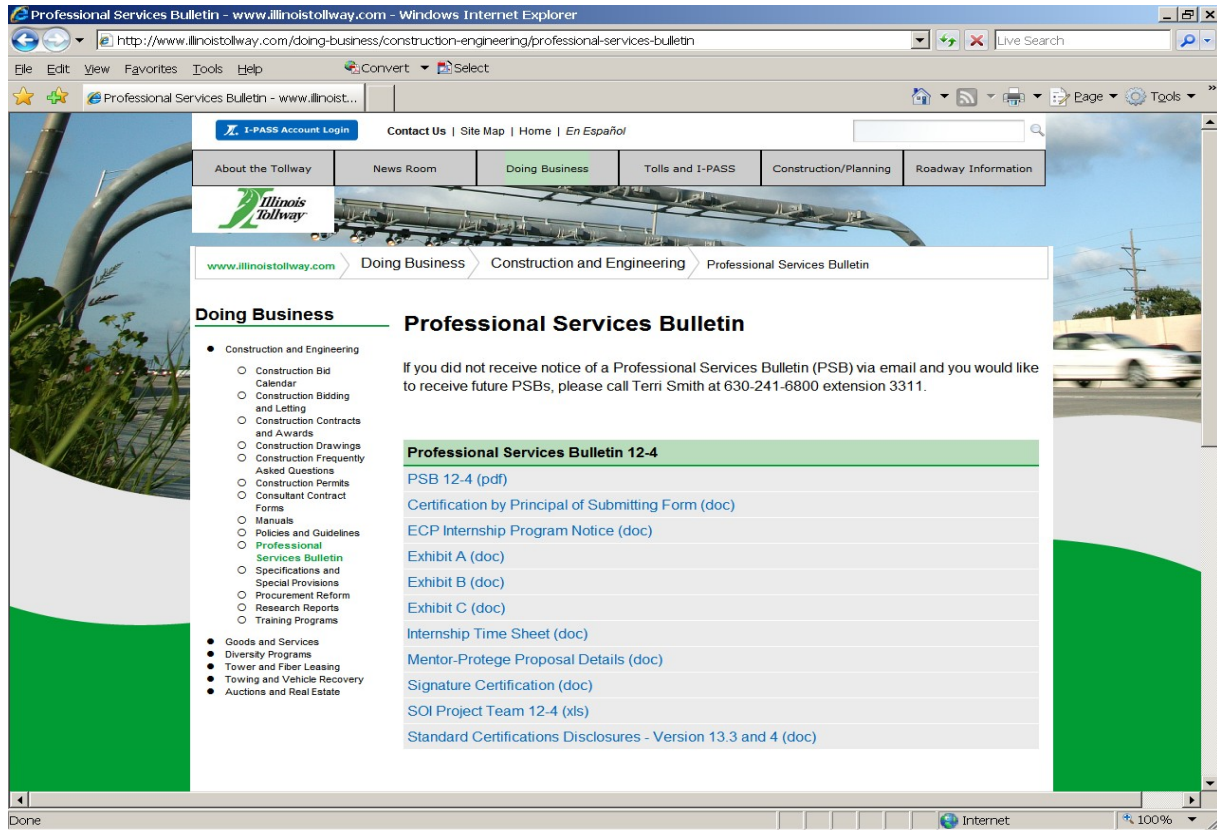
To register in the Illinois Procurement Bulletin, please follow these instructions:

- Go to <http://www.purchase.state.il.us>
- Please direct questions regarding the registration process or the use of the IPB to email address: webmaster@purchase.state.il.us or the Procurement Help desk at (217) 299-0634.

4.9 INFORMATION ON ACCESSING TOLLWAY WEBSITE

- Go to www.illinoistollway.com

- Click “Doing Business”
- From drop down menu, choose “Construction and Engineering”
- Middle of page click “Professional Services Bulletin”



4.10 FUTURE PROFESSIONAL SERVICES BULLETIN NOTIFICATIONS

To receive notification from the Illinois Tollway that a Professional Services Bulletin has been posted, please submit the following information:

PLEASE DO NOT SUBMIT WITH YOUR STATEMENT OF INTEREST

**If previously submitted, only resubmit if information has changed.
To unsubscribe from the PSB Notification list send an email to
terri.smith@getipass.com**

Submit to: Ms. Terri Smith, Document Control Manager
terri.smith@getipass.com

Include the following information:

Please add this contact to receive notification from the Illinois Tollway that a Professional Services Bulletin has been posted:

Name of firm _____

E-mail address _____

Contact person (corresponding with e-mail) _____

4.11 SELF-PERFORMANCE

The Tollway requires the Prime consultant or Team to perform no less than 40% of the work, meaning the Prime / Team cannot subcontract more than 60% of the project work. The scope of work to be performed by the Prime / each Team member and its subcontractors must be clearly defined and leave no room for interpretation in the Statement of Interest.

4.12 PSB 16-2 COMPLIANCE MATRIX

This table lists the “must / shall / required” statements that MUST be addressed in your proposal. Failure to comply shall cause your offer to be rejected as non-responsive.

Exchanges with Offerors after Offer Submission

- A. Discussions may be held with Offerors to clarify certain aspects of their offers.
 - a. Discussions are limited exchanges between the Tollway and Offerors that may occur during the responsiveness determination.
 - b. These exchanges shall not provide an opportunity for the Offeror to revise its offer, but may address:
 - i. Deficiencies
 - ii. Errors
 - iii. Omissions
 - c. Responses are due to the Tollway on the common due date established by the Tollway when discussions are initiated. Offeror responses that are not received timely shall result in the offer being considered nonresponsive.
- B. Certain requirements are not open for discussion and, if not met, shall render the offer nonresponsive:
 - a. Late submissions, including omission of any of the four (4) required documents as stated in the PSB:
 - i. Statement of Interest (SOI)
 - ii. Disclosures (DS)
 - iii. Exhibit C – Current Obligations (WL)
 - iv. SOITEAM Spreadsheet
 - b. Omission of State of Illinois requirements
 - c. Inability to meet eligibility requirements as stated in 44 Ill. Admin. Code 625.70, Confirmation of Eligibility.

PSB Reference	Must / Shall / Requirement
Applicable to both Item 1 and Item 2	
PART I, 1.1 Contact Information	SOI email submittals must be received by February 29, 2016, 4:30:00 P.M. CT. Any emails or partial submittals received after that time shall be considered late and your submittal will be deemed non-responsive.
PART II, 2.4 Disadvantaged Business Enterprise (DBE) Participation	To qualify as an eligible DBE, the firm must be currently certified by one of the following agencies currently participating in the Illinois Unified Certification Program (IL UCP), or in the County of Cook, Illinois M/WBE Program or in the Small Business Administration SBA 8(a) Program. A DBE is considered to have current certification if the firm is listed in the directory database of the pertinent certifying agency: <ul style="list-style-type: none"> <input type="checkbox"/> IL UCP - Illinois Department of Transportation (IDOT) <input type="checkbox"/> IL UCP - Chicago Transit Authority (CTA) <input type="checkbox"/> IL UCP - PACE <input type="checkbox"/> IL UCP - METRA <input type="checkbox"/> IL UCP - City of Chicago <input type="checkbox"/> Cook County <input type="checkbox"/> Small Business Administration SBA 8(a) Each DBE firm utilized must be listed in a certifying agency’s database at the time of SOI submission to be considered acceptable. Please provide proof of certification (example: letter) with your SOI submittal (Certifications are to be included as attachments to Exhibit A – Proposed Key Staff).
PART II, 2.6 State of Illinois Veteran Small Business Participation and Utilization Plan	Vendor must submit a Utilization Plan and Letter of Intent with its SOI.

PART II, 2.11 Clarification of Quality Control/Quality Assurance Requirements	<p>The Quality Control/Quality Assurance personnel on Exhibit A shall not be the same personnel preparing the data.</p> <p>b) QC/QA personnel must be different individuals than those preparing the documents.</p>
PART II, 2.12 Consultant Contract Forms	<p>Selected consultants should be prepared to execute the appropriate Agreement template. Any exceptions shall be noted in the consultant's Statement of Interest.</p>
PART III, 3.1 Offeror Commitment and Signature	<p>Include the Offeror Commitment and Signature pages in each Statement of Interest following the Table of Contents.</p> <p>Offeror must mark each blank below as appropriate; mark N/A when a section is not applicable to the PSB Item offered. Offeror understands that failure to meet all requirements is cause for disqualification.</p> <p>3. Submission of all Documentation Required in PSB 16-2: Offeror is submitting with its SOI any and all documents required in PSB 16-2. Exhibits from previous Professional Services Bulletins will not be accepted. Offeror understands that incomplete or missing documentation will render the offer non-responsive.</p> <p>9. Exhibit D: Availability of Key Project Personnel: The Offeror provided with its SOI, Exhibit D, which must include Key personnel as identified in the item detail, for both Prime and subconsultants.</p> <p>14. Illinois Board of Elections Registration: The Offeror understands that Primes MUST be registered with the Illinois Board of Elections prior to the submittal of the offer (Statement of Interest), and has enclosed a copy of the registration certificate with the Certification/ Disclosure forms.</p>
PART III, 3.2 Demonstrated Experience / Prequalification	<p>Each Statement of Interest submitted for Items 1 and 2 must include a Demonstrated Experience / Prequalification form.</p>
PART III, 3.3 Exhibits	<p>The following Exhibits shall be submitted in accordance with PSB submittal instructions in PART IV, and are available on the Tollway website.</p> <ul style="list-style-type: none"> • Exhibit A: Proposed Staff <ul style="list-style-type: none"> ○ Required - Submit with SOI • Exhibit B: Environmental Questionnaire <ul style="list-style-type: none"> ○ If required by the item, submit with SOI • Instructions for Completing Exhibit C • Exhibit C: Current Obligations <ul style="list-style-type: none"> ○ Required - Submit as a separate pdf document • Exhibit D: Availability of Key Project Personnel <ul style="list-style-type: none"> ○ Required - Submit with SOI • Exhibit E: Partnership- Mentor/Protégé Program <ul style="list-style-type: none"> ○ If proposing a mentor-protégé arrangement, this Exhibit is required. Submit with SOI • Exhibit F: Veteran Small Business Participation and Utilization Plan <ul style="list-style-type: none"> ○ If the item includes a Veteran Goal, this Exhibit is required - Submit with SOI • Illinois Tollway Standard Business Terms and Conditions <ul style="list-style-type: none"> ○ Required - Submit with Forms A or Forms B • SOITEAM Spreadsheet <ul style="list-style-type: none"> ○ Required - Submit as a separate Excel file

PART III, 3.3 Exhibits, Exhibit A	The personnel named in Exhibit A must also be listed on Exhibit D: Availability of Key Project Personnel. (Applies to both Items 1 and 2.)
PART III, 3.3 Exhibits, Exhibit F	<p>To qualify as an eligible VOSB/SDVOSBE, the firm must be currently certified by the Department of Central Management Services.</p> <p>If Vendor is a CMS certified VOSB/SDVOSB vendor, the entire goal is met and no subconsulting with a CMS certified VOSB/SDVOSB vendor is required; however, Vendor must submit a Utilization Plan with its SOI indicating that the goal will be met by self-performance.</p> <p>The Utilization Plan must demonstrate that Vendor has either: (1) met the entire contract goal; (2) made good faith efforts towards meeting the entire goal; or (3) made good faith efforts towards meeting a portion of the goal.</p> <p>At the time of submittal of Statement of Interest, Vendor, or Vendor's proposed Subconsultant, must be certified with CMS as a VOSB or SDVOSB.</p> <p>Failure to complete a Utilization Plan and/or provide Good Faith Effort Documentation shall render the Statement of Interest non-responsive or non-responsible.</p> <p>3. ...firms must be certified with CMS as VOSB/SDVOSB vendors at the time of submittal of Statement of Interest.</p> <p>6. Good Faith Effort Procedures: Vendor must submit a Utilization Plan and Letters of Intent that meet or exceed the published goal.</p> <p>Vendors providing Good Faith Effort documentation and request for waiver must complete and submit the Good Faith Effort Contact Log with the Statement of Interest. Failure to submit Good Faith Effort documentation in its entirety shall render Vendor's Statement of Interest non-responsive or non-responsible and cause it to be rejected or render Vendor ineligible for contract award.</p>
PART III, 3.3 Exhibits, Exhibit F – Letter of Intent	<p>The Prime Vendor is required to submit a separate, signed Letter of Intent (LOI) from each VOSB certified vendor.</p> <p>LOIs must be submitted with the Statement of Interest and must be signed by both parties.</p>
PART IV, 4.3.1 Required Format for Submitting Statements of Interest	<p>The firm acting as the prime must be prequalified in all of the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. <u>Any consultant, prime or sub must be prequalified by IDOT in the category of work they are performing or as stated in the item description, unless the subconsultant is being mentored in the Mentor-Protégé Program.</u> All pre- qualifications must be obtained no later than the final date established for the receipt of Statements of Interest for any items offered.</p>
PART IV, 4.3.2	All Exhibits submitted for this PSB must be current. Exhibits from previous PSBs will not be accepted.
PART IV, 4.3.4	<p>Each SOI must be submitted using the following basic format:</p> <p><u>COVER SHEET</u></p> <p>Include Full Legal Firm Name, PSB Number, Item Number, and all known sub-consultants (Full Legal Firm Names).</p>

TABLE OF CONTENTS

Include Section Number and Page Numbers

OFFEROR COMMITMENT and SIGNATURE

Include the Offeror Commitment and Signature pages following the Table of Contents. These pages are shown in PART III, 3.1, and are available on the Tollway website and through this link: <http://www.illinoistollway.com/doing-business/construction-engineering/professional-services-bulletin>

Section 1. Executive Summary (limit to 10 pages)

- A. Legal Name of firm, address, telephone number, e-mail address and contact person.
- B. List all known subconsultants, the work the firm(s) will be performing and a contact person for each. Identify any DBEs (Reference **Section 2.8 for definition of DBE**) and VOSB/SDVOSBEs. Include Mentor Protégé data if applicable.
- C. Name of Project Manager.
- D. Name of Project Engineer.
- E. Project Understanding.
- F. Project Approach (include brief statement of firm's unique qualifications and experience, approach to the project's specific challenges such as maintenance of traffic, environmental constraints, budget constraints, schedule constraints, design challenges, etc.).
- G. Statement that firm will meet or exceed the DBE goal and VOSB/SDBOSBE goal as applicable for the item. Include the proposed percentage of work to be completed by proposed DBE and VOSB/SDVOSB firms (Percentages shall match those submitted with SOI Team Spreadsheet).

Section 2. Organization Chart

Include names and titles for all Key Project Personnel

Section 3. Personnel:

Exhibit A: Proposed Staff

Please include Exhibit A as part of Section 3 and complete as follows:

- A. Include resumes for Key Project Personnel proposed for the project (Prime firm and subconsultants for those specific positions identified in the PSB item description). Resumes for each individual should not exceed two (2) pages and should include only relevant experience for the specific Item.
- B. List the Key Project Personnel to match the required prequalification categories and any additional personnel requirements designated in the Bulletin Items. (Include firm name if work is to be completed by a subconsultant.) Refer to these sections for the full list of required Key Personnel for each item:
 - 1.4.1.5.3, I - Project Team Matrix and Staffing Plan
 - 1.4.2.5.3, I - Project Team Matrix and Staffing Plan

	<p>C. QC/QA personnel must be different individuals than staff preparing the documents.</p> <p>Construction Management Services require the names and resumes of Certified Record Documentation Reviewers and Inspectors that will be assigned to the project. Specific requirements are explained in the Phase III Items.</p> <p><u>Section 4. Availability of Key Project Personnel Form</u></p> <p><u>Exhibit D.</u> Firms must show the percentage of time that identified Key Project Personnel will be available to work on the project described in each Item. We request a Word document saved in .pdf format to be completed with the relevant information.</p> <p><u>Section 5. Relevant Project Experience</u> Include a minimum of three (3) relevant projects of equal or greater complexity accomplished within the past five (5) years, demonstrating the firm's experience in the type of work required for this project. The use of photos is highly discouraged. Color graphics and photographs may be sent with the e-mail files with the understanding that email size is not to exceed 7MB. Relevant Project Experience is described in more detail in these paragraphs: 1.4.1.5.3, II - Relevant Project Experience Consulting Engineer Services 1.4.2.5.3, II - Relevant Project Experience Traffic Engineer Services</p> <p><u>Section 6. Exhibit B:</u> Projects involving Location/Design Studies and Environmental Reports require completion of this Exhibit.</p> <p><u>Section 7. Exhibit C:</u> Current Obligations of Work (This form must be submitted as a separate pdf document. See instructions for electronic submittals.)</p> <p><u>Attachments:</u> If proposing a mentor-protégé arrangement, attach the required Exhibit E: Partnership- Mentor/Protégé Program If the item includes a Veteran Goal, attach the required Exhibit F: Veteran Small Business Participation and Utilization Plan</p>
PART IV, 4.4.1 General Instructions	All Forms, ESPECIALLY the SOI Team spreadsheet (SOITEAM.xls), must be submitted per the instructions provided.
PART IV, 4.4.2 Naming and Labeling Instructions	<p>All electronic submittals must be addressed to SOIPSB.16-2@getipass.com.</p> <p>The Tollway requires electronic submittals for the Professional Services Bulletin's Statements of Interest via the established PSB mail box. All respondents must utilize a unique 2 to 6 character SOI Firm Name Code assigned by the Tollway.</p> <p>All electronic submittals of your firm's emails subject lines MUST read: SOIPSB16-2, SOI FIRM NAME CODE, ITEM (#'s).</p>

<p>PART IV, 4.4.3 Instructions for Submitting the SOI Team Spreadsheet</p>	<p>Vendors must obtain the SOI Team spreadsheet from the Tollway Website: Prime and subconsultant PSB 16-2 Spreadsheet.</p> <p>Vendors are required to complete the worksheet for each Item, completing all columns shown for the Prime Consultant, and for every subconsultant that is being proposed. Do not enter “TBD” or enter a range of percentages, and do not leave blank cells.</p> <p>For each subconsultant, the Prime’s full legal firm name must be entered in the first column.</p> <p>Do NOT send your spreadsheet as a .pdf file – it MUST be in the Excel format as provided.</p> <p>NOTE: If a firm is submitting as a prime and also as a team lead for one or more teams, a separate SOITEAM Spreadsheet must be submitted for each. DO NOT combine SOITEAM Spreadsheets for unique offers / entities.</p>
<p>PART IV, 4.4.4 Instructions for Electronic Submittal</p>	<p>The first line of your email shall indicate your Firm / Team Name, PSB and Item Number(s) on which your firm is submitting.</p> <p>Each attachment must be labeled as indicated below:</p> <ul style="list-style-type: none"> o For each Item on which you are submitting, use your 2-6 character SOI Firm Name Code (this example = abc), immediately followed by the 2-digit Item Number (i.e., 01 through 99). (Example: abc02.pdf) o For your firm’s Disclosure Forms use your 2-6 character SOI Firm Name Code, followed by DS. (Example: abcDS.pdf). If your firm is registered on the IPG, include your IPG registration number in the body of your email. o Disclosures submitted on behalf of a Teaming Agreement should use the unique 2-6 character SOI Firm Name Code for each individual Team firm name followed by DS_TM. (Example: abcDS_TM.pdf, defDS_TM.pdf and ghiDS_TM.pdf). If the firms are registered on the IPG, include your IPG registration number in the body of your email. NOTE: Firms previously assigned a JV code name may be allowed to use this designation for historical consistency, but should confirm with the Tollway. o For your firm’s Current Obligations (Exhibit C), use your 2-6 character SOI Firm Name Code, followed by WL (Example: abcWL.pdf). Exhibit C submitted on behalf of a Teaming Agreement should use the unique 2-6 character SOI Team Name Code (Example: abc_TMWL.pdf). o For your firm’s SOITEAM Spreadsheet, use your 2-6 character SOI Firm Name Code, followed by SOITEAM.xls. (For Teams, the subject line of each should utilize the Teaming Agreement Name code assigned by the Tollway. The Team lead will submit on behalf of the participating partners and identify the partner with a (TM) following their firm name in the work sheet.) (Example: abc_TMSOITEAM.xls) <p>Signatures must be scanned, then cut/copied and pasted into the appropriate signature blocks. The files (with the exception of SOITEAM) must then be converted to a PDF.</p> <p>abc02, abc09 and abc24 are the Statements of Interest for the submitted Items and must include Exhibit A within the submittal. Following Exhibit A, include resumes of key project personnel listed in Exhibit A. If Exhibit B is required, include next, followed by resumes of individuals listed on page 2 of Exhibit B.</p>

	<p>abcDS is the Disclosure Forms. One copy of the Disclosure Forms is required (unless you are submitting as a Team – if a Team, include a DS for each Team member and name as abcDS_TM.pdf).</p> <p>abcWL is the Current Obligation Form (Exhibit C). One copy of the Current Obligations Form is required per Offeror / Team.</p> <p>abcSOITEAM.xls is the “SOI Team Prime and subconsultant PSB 16-2” Spreadsheet. Since the Spreadsheet contains a worksheet for each ITEM only one copy of the SOITEAM.xls file is required per unique Offeror / Team.</p>
<p>PART IV, 4.5 Disclosures and Certifications, 4.5.1 Instructions for Submitting Disclosures</p>	<p>The submittal shall contain either FORMS A or FORMS B. Offers submitted without FORMS A or FORMS B shall be deemed non-responsive. FORMS A section contains eight forms and shall be returned by Offerors that are <u>not</u> registered in the Illinois Procurement Gateway (IPG).</p> <p>FORMS B contains three forms and shall be returned by Offerors that <u>have</u> a current approved IPG registration number.</p> <p>Submit the Illinois Tollway Standard Business Terms and Conditions (see Part III, 3.3) with your Forms A or Forms B Disclosures. This document is also available on the Tollway website.</p>
<i>Applicable to Item 1</i>	
<p>PART I, 1.4 Professional Services Bulletin No. 16-2 Item Detail, Item 1, 1.4.1.2 Contract Provisions and Prequalifications</p>	<p><u>SUB-CONSULTANT SERVICES:</u> If a firm requires a subconsultant to meet the requirements of an area requiring pre-qualifications as indicated below, the firm fulfilling this pre-qualification requirement must be identified in the Statement of Interest (SOI).</p> <p><u>PRE-QUALIFICATIONS:</u> To be considered for this project, firms must be pre-qualified by the Illinois Department of Transportation (IDOT) in:</p> <p>Highways: Freeways; Roads and Streets Structures: Highway Simple; Highway Typical; Highway Advanced Typical; Highway Complex; Railroad Bridges; Major Bridges; Special Studies: Location Drainage; Signal Coordination and Timing (SCAT); Safety; Feasibility; Traffic Special Plans: Traffic Signals; Lighting- Typical Lighting and Complex Lighting; and Pumping Stations Location/Design Studies: Rehabilitation; Reconstruction/Major Rehabilitation; New Construction/Major Reconstruction Hydraulic Reports: Waterway - Typical; Waterway - Complex; and Pump Station Geotechnical Services: Subsurface Explorations; General Geotechnical Services; Structure Geotechnical Reports (SGR); Complex Geotechnical/Major Foundations Environmental Reports: Environmental Assessment (EA); Environmental Impact Statements (EIS) Special Transportation Studies: Mass Transit; Railway Engineering Special Services: Surveying; Aerial Mapping and LiDAR; Electrical Engineering; Mechanical; Sanitary; Architecture; Landscape Architecture; Hazardous Waste: Simple, Hazardous Waste: Advanced; Asbestos Abatement Surveys; Construction Inspection; Quality Assurance Testing; Subsurface Utility Engineering</p>

	<p>If the Offeror is not prequalified in all of the categories listed above, the Tollway will allow a Prime consultant to meet the prequalifications through a subconsultant. The Offeror must clearly identify each category in which it is not prequalified, and identify the its subconsultant who is prequalified in that category.</p>
<p>PART I, Professional Services Bulletin No. 16-2 Item Detail, Item 1, 1.4.1.5.3, I - Project Team Matrix and Staffing Plan</p>	<p>In addition to Section 4.3 GUIDELINES FOR SUBMITTING STATEMENTS OF INTEREST (SOI) REFERENCE SECTION of this PSB, all exhibits shall include:</p> <p>The Offeror shall submit a project team matrix that clearly illustrates the key personnel of the organizational structure proposed to accomplish the management, technical, and administrative services required. The Offeror shall identify the Project Principal, the Project Manager, the Deputy Project Managers (DPM), and the key technical staff of the team. The firm employing each of these key personnel must be identified.</p> <p><u>Project Manager (PM)</u></p> <p>The Offeror shall identify and provide detailed relevant information concerning the PM to be assigned to this project for the duration of the Agreement. The successful Offeror shall not be able to substitute individuals for the PM or DPM positions without the Tollway's express written approval. The Offeror should address all measures it intends to take to ensure continuity for these and all other key staff positions. The PM shall be an Illinois Licensed Professional Engineer or hold a similar license in another state and be capable of obtaining a license in Illinois within six (6) months.</p> <p><u>Project Principal</u></p> <p>The Offeror shall identify and provide detailed relevant information concerning the Project Principal to be assigned to this project for the duration of the Agreement. They shall oversee the Project Manager and shall report to the Chief Engineer.</p> <p><u>Key Personnel</u></p> <p>The Offeror shall identify and provide relevant information concerning the Offeror's other project management and key technical personnel including the proposed Deputy Project Managers. These individuals can be the employees of any firm on the team. Key personnel must include, but not be limited to:</p> <ul style="list-style-type: none"> A. Design Project Managers <i>Must be Illinois Licensed Professional Engineer.</i> B. Construction Project Managers <i>Must be Illinois Licensed Professional Engineer.</i> C. Roadway Engineer <i>Must be Illinois Licensed Professional Engineer.</i> D. Drainage Engineer <i>Must be Illinois Licensed Professional Engineer.</i> E. Electrical Engineer <i>Must be Illinois Licensed Professional Engineer.</i> F. Mechanical Engineer <i>Must be Illinois Licensed Professional Engineer.</i> G. Structural Engineer <i>Must be an Illinois Licensed Structural Engineer.</i>

	<p>H. Environmental Specialist <i>Must be knowledgeable in the applicable permitting and Resource Agency regulations.</i></p> <p>I. Urban Planner <i>Must have a minimum of ten years of experience in transportation planning and community relations.</i></p> <p>J. Architect <i>Must be an Illinois Licensed Architect.</i></p> <p>K. Landscape Architect <i>Must be an Illinois Licensed Landscape Architect.</i></p> <p>L. Information Technology (IT) Professionals <i>Preferred to be</i></p> <ul style="list-style-type: none"> • <i>Professional Electrical or Computer Engineer, who is a an Illinois Licensed Professional Engineer, with five (5) years of ITS design experience,</i> • <i>Communications Design Engineer, who has minimum 4 years of training and experience in fiber optic (single mode (SM) and multi-mode (MM)) data communications, local and wide area network design, fundamentals of digital communication packet switching and routing, wireless communication technologies (radio, cellular, wifi, bluetooth, etc.) and has experience specifying communication equipment and writing communication system testing procedures.</i> <p>M. Intelligent Transportation System (ITS) Professionals <i>Preferred to be</i></p> <ul style="list-style-type: none"> • <i>Certified Professional Traffic Operations Engineer (P.T.O.E),</i> • <i>Professional Electrical or Computer Engineer, who is a an Illinois Licensed Professional Engineer, with five (5) years of ITS design experience,</i> • <i>Communications Design Engineer, who has minimum 4 years of training and experience in fiber optic (single mode (SM) and multi-mode (MM)) data communications, local and wide area network design, fundamentals of digital communication packet switching and routing, wireless communication technologies (radio, cellular, wifi, blue tooth, etc.) and has experience specifying communication equipment and writing communication system testing procedures.</i> <p>N. Leadership in Energy and Environmental Design (LEED) Professional</p>
<p>PART I, Professional Services Bulletin No. 16-2 Item Detail, Item 1, 1.4.1.5.3, II - Relevant Project Experience Consulting Engineer Services</p>	<p><u>Project Management and Coordination Experience</u> The Offeror must describe its experience in providing project management and coordination services similar to the services required and described in 1.4.1.5.4 ANTICIPATED SCOPE OF SERVICES: <i>CONSULTANT ENGINEER SERVICES.</i></p> <p><u>Cost Estimating Experience</u> The Offeror must describe its experience in providing cost estimating services similar to the services required and described in 1.4.1.5.4 ANTICIPATED SCOPE OF SERVICES: <i>CONSULTANT ENGINEER SERVICES</i> for a minimum of five (5) projects.</p>
<p><u>Applicable to Item 2</u></p>	
<p>PART I, Professional Services Bulletin No. 16-2 Item Detail, Item</p>	<p><u>SUB-CONSULTANT SERVICES:</u> If a firm requires a subconsultant to meet the requirements of an area requiring pre-qualifications as</p>

<p>2, 1.4.2.2 Contract Provisions and Prequalifications</p>	<p>indicated below, the firm fulfilling this pre-qualification requirement must be identified in the Statement of Interest (SOI).</p> <p>PRE-QUALIFICATIONS: To be considered for this project, firms must be pre-qualified by the Illinois Department of Transportation (IDOT) in:</p> <p>Highways: Freeways; Roads and Streets</p> <p>Special Studies: Traffic; Signal Coordination and Timing (SCAT); Safety; and Feasibility</p> <p>Special Plans: Traffic Signals; and Lighting- Typical Lighting and Complex Lighting</p> <p>Location/Design Studies: Rehabilitation; Reconstruction/Major Rehabilitation; New Construction/Major Reconstruction</p> <p>Special Transportation Studies: Mass Transit; Railway Engineering</p> <p>If the Offeror is not prequalified in all of the categories listed above, the Tollway will allow a Prime consultant to meet the prequalifications for through a subconsultant. The Offeror must clearly identify each category in which it is not prequalified, and identify its subconsultant who is prequalified in that category.</p>
<p>PART I, Professional Services Bulletin No. 16-2 Item Detail, Item 2, 1.4.2.5.3, I – Guidelines for Submitting Statements of Interest</p>	<p>In addition to Section 4.3 GUIDELINES FOR SUBMITTING STATEMENTS OF INTEREST (SOI) of this PSB, all Statements of Interest shall include:</p> <p>1.4.2.5.3, I- <u>Project Team Matrix and Staffing Plan</u> The Offeror shall submit a project team matrix which clearly illustrates the key personnel of the organizational structure. The Offeror shall identify the Senior Project Manager and the Senior Vice President.</p> <p><u>Senior Project Manager (SPM)</u> The Offeror shall identify and provide detailed relevant information concerning the SPM to be assigned to this project for the duration of the Agreement.</p> <p><u>Senior Vice President (SVP)</u> The Offeror shall identify and provide detailed relevant information concerning the SVP to be assigned to this project for the duration of the Agreement.</p> <p><u>Key Personnel</u> The Offeror shall identify and provide relevant information concerning the Offeror's other project management and key technical personnel. (These individuals can be the employees of any firm on the team.) Key personnel must include, but not be limited to:</p> <p>A. Traffic Engineer <i>Must be Illinois Licensed Professional Engineers.</i></p> <p>B. Urban Planner <i>Must have a minimum of ten years of experience in transportation planning and community relations</i></p> <p>C. Information Technology (IT) Professionals <i>Preferred to be</i></p> <ul style="list-style-type: none"> • <i>Professional Electrical or Computer Engineer, who is a an Illinois Licensed Professional Engineer, with five (5) years of ITS design experience,</i> • <i>Communications Design Engineer, who has minimum 4 years of training and experience in fiber optic (single mode</i>

	<p>(SM) and multi-mode (MM)) data communications, local and wide area network design, fundamentals of digital communication packet switching and routing, wireless communication technologies (radio, cellular, wifi, blue tooth, etc.) and has experience specifying communication equipment and writing communication system testing procedures.</p> <p>D. Intelligent Transportation System (ITS) Professionals Preferred to be</p> <ul style="list-style-type: none"> • Certified Professional Traffic Operations Engineer (P.T.O.E), • Professional Electrical or Computer Engineer, who is a an Illinois Licensed Professional Engineer, with five (5) years of ITS design experience, • Communications Design Engineer, who has minimum 4 years of training and experience in fiber optic (single mode (SM) and multi-mode (MM)) data communications, local and wide area network design, fundamentals of digital communication packet switching and routing, wireless communication technologies (radio, cellular, wifi, blue tooth, etc.) and has experience specifying communication equipment and writing communication system testing procedures. <p>E. Geographical Information System (GIS) Professionals</p> <p>The Offeror should also provide information relative to the capabilities and resources of its lead Illinois office, any Illinois branch offices, and a listing of Illinois office personnel by discipline that would be assigned to this project that have not been identified above.</p>
<p>PART I, Professional Services Bulletin No. 16-2 Item Detail, Item 2, 1.4.2.5.3, II - Relevant Project Experience Traffic Engineer Services</p>	<p><u>Project Management and Coordination Experience</u></p> <p>The Offeror must describe its experience in providing project management and coordination services similar to the services required and described in Section 1.4.2.5.4 ANTICIPATED SCOPE OF SERVICES: <i>TRAFFIC ENGINEER SERVICES</i>.</p>
<p>Applicable to Teaming Agreements</p>	
<p>PART II, 2.7 Teaming Agreement</p>	<p>Team offers shall comply with the same requirements set forth for individual offers, including but not limited to the submittal (under the Team's SOI code name) of the Statement of Interest, SOI Team Spreadsheet, Exhibits, and Disclosures.</p> <p>Team members must clearly be identified with the Statement of Interest submittal, and Team Lead shall be considered the Prime Consultant upon selection</p> <p>The Tollway requires the Team to perform no less than 40% of the work, meaning the Team cannot subcontract more than 60% of the project work. The scope of work to be performed by each Team member and its subcontractors must be clearly defined and leave no room for interpretation in the Statement of Interest.</p> <p>Note: When entering data into the SOITEAM.xls spreadsheet the following must be followed:</p> <ul style="list-style-type: none"> • Remove / delete the spreadsheet tabs for those items which your Team is not submitting. • Submit one (1) SOITEAM.xls spreadsheet per Team (i.e. if you enter into more than one Team (different participants) you will need to submit a separate SOITEAM.xls spreadsheet for each. Note: not for each item but for each separate, unique Team). • When saving the SOITEAM.xls spreadsheet for submittal to the

	<p>Tollway place the cursor in cell B3.</p> <ul style="list-style-type: none">• Do not change formatting.• Do not change tab colors.• Do NOT cut and paste information.• When entering Yes or No responses, responses are to be Yes or No not Y or N• Ensure you enter the SOI information under the tab / item # you submitted your SOI for.• Example: Don't enter information into the tab for item 1 / for item 8.• When submitting the offer or submitting information to the Tollway, ensure you use the correct Team Code name as provided by the Tollway. Only the Team Lead should submit PSB e-mails.• Outstanding work obligations, and certification and disclosure forms shall be submitted by the Team Lead on behalf of each of the Team members.
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