

Professional Transportation Bulletin

PTB 184

May 04, 2017

Statements of Interest are due before 12:00 p.m.
on May 25, 2017
Selection Date: July 19, 2017

The logo features the word "Help" in a stylized, blue, 3D font with a yellow outline, followed by an ampersand and the word "INFORMATION" in a yellow, outlined, sans-serif font. The entire logo is set against a yellow background within a blue-bordered square.

**Help &
INFORMATION**

The logo consists of the text "Check this out" in a black, sans-serif font at the top. Below the text is a yellow clock face with a black checkmark in the center. The clock face is surrounded by a circular arrow indicating a cycle. The entire logo is set against a blue background within a blue-bordered square.

Check this out

Illinois Department of Transportation
2300 South Dirksen Parkway, Springfield, Illinois 62764

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: July 19, 2017

The following revisions have been made to this Professional Transportation Bulletin. If you downloaded the bulletin prior to the noted revision date, you should incorporate the revisions or download and use a new copy of the bulletin.

REVISION DATE: There are no revisions as of May 04, 2017.

State Of Illinois Contact Information

Department Of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

The Transportation Bulletin is the official Illinois Procurement Bulletin for the Illinois Department of Transportation as authorized by Section 15-1 of the Illinois Procurement Code, 30 ILCS 500/15-1. It is available on **IDOT's WEBSITE** at <http://www.idot.illinois.gov/index>.

Professional Transportation Bulletin

The Professional Transportation Bulletin Contains information pertaining to the advertisement for offers of interest for professional services for Department of Transportation projects.

Questions concerning this Bulletin should be directed to:

Carrie Kowalski

Consultant Unit Chief

E-mail: DOT.ConsultantServices@illinois.gov Phone: 217-782-6916

Or mailing address:

Bureau of Design and Environment
2300 South Dirksen Parkway
Attn: Consultant Unit
Room 330
Springfield, IL 62764

Regional/District Contact information.

Region 1

District 1

Mr. Anthony Quigley
201 West Center Court
Schaumburg, IL 60196

Region 2

District 2

Mr. Kevin Marchek
819 Depot Avenue
Dixon, IL 61021

District 3

Mr. Kevin Marchek
700 East Norris Drive
P.O. Box 697
Ottawa, IL 61350

Region 3

District 4

Mr. Kensil Garnett
401 Main Street
Peoria, IL 61602

District 5

Mr. Kensil Garnett
Route 133 West
P.O. Box 610
Paris, IL 61944

Region 4

District 6

Mr. Jeffrey South
126 East Ash St.
Springfield, IL 62704

District 7

Mr. Jeffrey South
400 West Wabash
Effingham, IL 62401

Region 5

Mr. Jeffrey Keirn

District 8

1102 Eastport Plaza
Drive
Collinsville, IL 62234

Mr. Jeffrey Keirn

District 9

State Transportation Building
P.O. Box 100
Carbondale, IL 62903

Tentative Schedule For Professional Transportation Bulletins

ACTIVITY	PTB 185	PTB 186	PTB 187	PTB 188	PTB 189	PTB 190
PUBLISH PTB	08-03-17	11-09-17	02-01-18	05-03-18	08-02-18	11-08-18
***STATEMENTS OF INTEREST ARE DUE	08-24-17	11-30-17	02-22-18	05-24-18	08-23-18	11-29-18
SELECTION MEETING	10-18-17	1-24-18	04-18-18	07-18-18	10-17-18	01-23-19

***** STATEMENTS OF INTEREST FOR THE CURRENT PTB MUST BE RECEIVED BETWEEN, Publish Date 05-04-17 & 05-25-17 (12:00 P.M. NOON)**

STATEMENTS OF INTEREST RECEIVED AFTER 12:00 P.M. WILL NOT BE CONSIDERED.

Only SUBMITTALS through EPAS will be considered for Professional Transportation Bulletins.

NOTICE

Proposed Negotiation Meeting information for Items will be available under the Bulletin Tab at the following link: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>



Link for negotiation information

Bulletin

IDOT advertises for professional services four times a year via the Professional Transportation Bulletin (PTB) and makes this schedule public via the PTB Schedule (below). The PTB contains information pertaining to the advertisements for offers of interest for professional engineering, land surveying and architectural services for IDOT projects. On occasion, a special bulletin is necessary. Below you will find the active PTB as well as supplementary information. If wishing to review archived bulletins and press releases please navigate to [Resources](#).

- [PTB 172](#)

To view the most current negotiation meeting information on particular advertised items [please click here](#) . This information has not been finalized and is subject to change. Contact the appropriate District for questions regarding a particular Item.

▶ Tentative PTB Schedule

- **Region 1**
 - **Anthony Quigley**
 - **District 1**
 - **Items 1 - 14**
- **Region 2**
 - **Kevin Marchek**
 - **District 3**
 - **Items 15 - 18**
- **Region 3**
 - **Kensil Garnett**
 - **District 4**
 - **Items 19 - 21**
 - **District 5**
 - **Item 22**
- **Region 5**
 - **Jeffrey Keirn**
 - **District 8**
 - **Items 23 - 31**
 - **District 9**
 - **Items 32 - 34**
- **Bureau of Operations**
 - **Amy Eller**
 - **Items 35 - 38**
- **Bureau of High-Speed & Passenger Rail**
 - **John Oimoen**
 - **Item 39**

Notice

Notice for Statement of Experience and Financial Condition Renewal

May 4, 2017

This is a reminder for currently prequalified consultants whose fiscal year ended **December 31, 2016.**

The Statement of Experience and Financial Condition is due June 30, 2017. Firms have until midnight to submit. Failing to submit the information will result in the firms not being prequalified. Firms will automatically be set to Not-Approved.

EPAS will show, either New SEFC or Renew SEFC along with an Amend option for the SEFC. **DO NOT** use the AMEND to renew an application. Amended applications submitted incorrectly, may result in the firm being not approved.

- New SEFC indicates a complete update is required. All staff, corporate details, financial data and the prequalification categories.
- Renew SEFC indicates Corporate Details and Financial updates are required.
- The EPAS Manual has additional details, see section 7.

<http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Design-and-Environment/EPAS%20Instructions%20Manual.pdf>

Remember:

- Many of the firms department of financial and professional regulation licenses expire April 2017, don't forget to update.
- Insurance certificate is required to be current and up to date.
- Financial data now requires in-house direct costs to be included.
- Don't forget to include the Signed Certificate of Final Indirect Cost (overhead) with your overhead rate calculations. (there is a sample in the EPAS manual, see section 6.3)
- If you are updating the prequalification category questionnaires, remember to delete the outdated projects. Review the description and minimum requirements for time frames for the specific categories. <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Design-and-Environment/Description%20and%20Minimum%20Requirements.pdf>

Prequalification Category Changes:

- The Description and Minimum Requirements for the prequalification categories have been updated, 2-1-17. In general, the revisions were for clarification.
- The Subsurface Geotechnical category now requires a laboratory supervisor to be specified.
- The Airport Construction Inspection category requires a Documentation Certification person, with a current Documentation of Contract Quantities Certificate.

Notice
Statement of Experience and Financial Condition
Financial Submittal for Prequalification
1-1-17

Please be aware that the Bureau of Investigations and Compliance will be requiring each consultant whose fiscal year ends 12/31/16 or later to submit a listing of all in-house direct costs in a format similar to the Direct Costs Check Sheet (BDE 436). The listing should be accompanied by documentation supporting all rates*, including the date the rates were calculated. This will be required annually with submittal of your Indirect Cost Rate. Furthermore, please be advised that no mark-up is allowed on in-house direct costs; therefore the rates should be calculated on actual costs only.

*Excluding mileage, daily vehicle expense, and any travel costs based on State Travel Regulations.

If you have any questions please contact the Financial Review & Investigation Section at DOT.OQCR.Audits@illinois.gov

If you would like to use the Direct Cost Check Sheet for an example, it is located at:

<http://www.idot.illinois.gov/Assets/uploads/files/IDOT-Forms/BDE/BDE%20436.xlsm>

The following page shows how the financial page will now look in EPAS.

NOTICE

Financial Requirements for Prequalification Effective 1-1-17

The Financial Page now requires firms to submit their in-house direct costs/rates. The Financial tab will now include the information as an attachment.

FINANCIAL INFORMATION

The following procedures have been established to insure a fair and uniform evaluation of each consultant's accounting system and self-computation of burden and overhead rates for the latest fiscal year. Only consultants who comply with these procedures and submit accurate information will be considered by the Department for State work. All information received will be held in strictest confidence and will be audited or verified as deemed necessary by the Department. These requirements can be met in one of the four ways as follows:

* Question 1: Have you been audited by another State or Fed Agency for your last fiscal year?

Question 2: Are you a new firm with 6 months fiscal year data?

Question 3: Would you like to be considered **only for occasional small projects** that the Department may elect to negotiate on a per diem or prevailing unit price basis, may substitute their current prevailing rate schedule?

If the preceding 3 questions were left blank or answered 'No' then **ALL** of the following data is required and must reflect the most recent fiscal year. This information must be updated on an annual basis not later than six months after the close of each fiscal year to remain on the prequalified list for professional work.

Question 4: Are you attaching Overhead Rate Data?

In-House Direct Costs/Rates

Firms are to include a listing of all in-house direct costs/rates using a format similar to form BDE 436: Direct Costs Sheet.

Rates* are to be accompanied by supporting documentation calculated on actual costs only.

* Excluding mileage, daily vehicle expense, and any travel costs based on State Travel Regulations.

* Attach in-house direct costs/rates

Cost Accounting Standards Information

* Has firm been awarded \$50 million or more in cumulative federal contracts in this accounting period?

* Has firm been awarded at least one contract exceeding \$50 million in the accounting period?

* Has firm ever been awarded any Federal Contract(s) in this accounting period?

* Are you following the modified CAS standard 9904.401, 9904.402, 9904.405 and 9904.406 as required?

Introduction

STATE OF ILLINOIS
Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

PROFESSIONAL TRANSPORTATION BULLETIN #184
Publish May 04, 2017

This bulletin is the official notice of needed professional services for the Illinois Department of Transportation (IDOT).

This bulletin is sent to each professional consultant on IDOT's prequalified list. A Professional firm who is not prequalified may obtain the necessary information and forms to become prequalified from the INTERNET at: <http://www.dot.gov.il/Doing Business/Consultant Services/Consultant Prequalification>.

This is not an invitation for bids. Firms properly prequalified for any of the projects listed herein may indicate their desire to be considered for selection by submitting a Statement of Interest for the project through the Engineering and Prequalification Agreement System (EPAS).

IDOT shall not discriminate based on race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE Program or the requirements of 49 CFR part 26. IDOT shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts.

STATEMENTS MUST BE RECEIVED BY THE BUREAU OF DESIGN AND ENVIRONMENT, VIA EPAS, PRIOR TO 12:00 P.M. LOCAL TIME, May 25, 2017. STATEMENTS RECEIVED AFTER THIS TIME WILL NOT BE CONSIDERED.

The selection of professional consultants by IDOT is not based on competitive bidding but on the firm's professional qualifications, experience, and expertise of key personnel to be assigned to the project with consideration also given to:

- 1) Ability to complete the work in the time required and the firm's existing workload.
- 2) The firm's proximity to the project, when important.
- 3) Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
- 4) Financial evaluation of the firm and its accounting methods.
- 5) Performance rating for past work done for IDOT, if applicable.

All members of the Consultant Selection Committee will be **unavailable** to discuss specifics of projects listed herein during the two-week period preceding the Selection Committee Meeting.

Departmental procedures ensure that all members of the Consultant Selection Committee are provided with detailed information concerning all Statements of Interest submitted by all consultants. Please do not send letters and/or e-mails expressing your interest in various projects and/or correspondence concerning your firm to members of the Consultant Selection Committee per Illinois Procurement and Ethics (5 ILCS 430/5-50).

Information for Submitting Statements of Interest (SOI)

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 work being done by a consultant, prime or sub must be prequalified in the IDOT prequalification category of work they are performing.**

Prequalified firms may indicate their desire to be considered for selection on any of the projects listed herein by submitting a separate Statement of Interest (SOI) for each project.

All interested firms must submit through the Engineering Prequalification and Agreement System (EPAS). This includes specialty firms, for items in the Professional Transportation Bulletin that do not have prequalification categories, i.e. firms not prequalified in the established prequalification categories; typical items are painting, manual rewrites, steel fabrication inspection, specific testing, etc. These firms must contact DOT.ConsultantServices@illinois.gov to establish an account.

The EPAS instruction manual is located on the IDOT Website under Doing Business, Procurements, (Engineering, Architectural & Professional Services), and then under Prequalification and also under Statement of Interest, : <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

Information to consider when submitting:

- A brief statement of the firm's interest in performing the work. (Should be concise to the point, suggest approximately 2 pages)
- Color graphics/photographs, charts, graphs etc. can be used at your discretion. Make applicable to the requested advertisement.
- **Exhibit A** is used to give a snap shot of the firm's proposed staff as follows:
 - List the required key personnel to match required prequalification categories and any additional personnel requirements designated in the project advertisement. (Include firm name if work is to be completed by Subconsultant)
 - QC/QA personnel must be different individuals than the staffing, which prepared the documents.
 - Attach resumes of all key personnel listed in the SOI. It is recommended that individual resumes should not exceed two pages and must be relevant to the expertise required for the specific project.
 - Designate the estimated time required to complete the project using the personnel presented. A completion date and/or number of months to complete the project should also be provided.
 - Identify proposed subconsultants, item(s) of work they will perform, and the estimated % of work. If a DBE Goal is in the advertisement then list the DBE subconsultant(s), the work they will be performing, and estimated % of the work. All Subconsultants must be prequalified in the area of work they will be performing.
 - Include Mentor Protégé data if participating.

Information for Submitting Statements of Interest (SOI)

- **Exhibit B** is required for Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) EPAS prompts the user to complete form B when it is required.
- Experience of the staff or firm in accomplishing similar types of work should be shown for only the most recent projects and should be concise and relevant to the expertise required for the specific project. If there are several projects with the same work completed, then one summary would be adequate with each location and the project manager noted for each. This information should be shown at the end of the SOI.
- In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.
- The Current Obligation's information is an on line application in EPAS. It must be completed before you submit the Statements of Interest.
- Instructions for completing Disclosure **Forms A** and **B** are included on pages 1 and 2 immediately preceding **Forms A** and **B** Disclosure. The Disclosure Forms are a separate document and one set for each prime is submitted. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.
- The Delinquent Debt is generated in the EPAS system and is submitted as a separate document. Only one document, for prime and subconsultants, with all pertinent data is required. Instructions are included with the Delinquent Debt.
- The Disclosure of Business Operations in Iran is also a separate document. Only one document for each prime is required. Instructions are included at the bottom of the Disclosure of Business Operations in Iran document.
- Exhibit A, Exhibit B (when applicable), the Current Obligations, Disclosures A & B, Delinquent Debt Certification, and Disclosure of Business Operations in Iran are required to be considered.

Note: Actual signatures are required on the documents. Documents without actual signatures will be returned.

PROFESSIONAL TRANSPORTATION BULLETIN
REQUIRED FORMS
FOR
STATEMENT OF INTEREST SUBMITTAL

The information in all forms is required as part of all Statement of Interest submittals. The New EPAS application has the ability to include all the required information. Some forms are attached, some data is entered into EPAS directly to generate the data for the form, and some data is entered directly and replaces the form. There is an EPAS Instruction Manual for your use and can be used when completing the SOI in EPAS.

Please review the EPAS manual instructions for the submittal process.

<http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

- The BDE Current Obligations is completed in EPAS; it is not a separate document.
- The Delinquent Debt is generated in EPAS based on the Statements of Interest applications is required to be completed by prime and subs and attached in the EPAS application.
- The Disclosure forms A & B are submitted via EPAS. The form is required to be completed and attached separately and then attached in the EPAS Application.
- The Disclosure of Business Operations in Iran BDE Form (BDE 2900), the form is required to be completed and attached separately and then attached in the EPAS Application.

Required forms are located at <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index> under the Statement of Interest Tab.

All signatures are required to be actual signatures.

Forms without an actual signature will be returned.

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3.	Cook	Job No. C-91-230-17, Construction Inspection for the Improvement of I-90 at I-290/ Congress Pkwy (Jane Byrne Interchange) EB Mainline – Racine to Congress Parkway
4.	Will	Job. No. C-91-235-17, Construction Inspection of the Improvement of I-80, from IL 53 (Chicago St) to Rowell Ave (Group A Structures), Eastbound
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PTB 184
Description

Item **County**

Region 3/District 4

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- 23. Madison Job No. P-98-009-17, Phase I Engineering services to study adding a lane in each direction along the existing alignment of I-270 from the interchange with Riverview Dr. in Missouri to IL 157 in Illinois
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PTB 184
Description

Item **County**

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- | | | |
|-----|---------|--|
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- | | | |
|-----|---------|---|
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|-----|---------|---|

1. **Job No. D-91-239-17, Various Bridge Inspection & Repair Projects, Various Routes, Various Counties, Region One, District One.**

This project requires **6% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 25, 2017 at 9:30 A.M.** at the Region One, District One Office in **Schaumburg**.

Bridge Inspection services are required to inspect various bridges throughout District One and to prepare reports documenting their condition and deficiencies. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Inspections may include, but are not limited to, the routine NBIS and Fracture Critical reports, vertical clearance measurements, maintenance repair recommendations, impact beam damage evaluations and measurements, cross sections for underwater inspections, deck coring and testing, documentation of structures with known deficiencies, and/or deck infrared thermography.

In addition, work orders may include contract plan preparation to facilitate the repair or rehabilitation of various structures throughout District One, which may or may not also be inspected under this contract. Work may include the performance of bridge load ratings, which again may or may not also be inspected under this contract.

The department will furnish the Consultant with structural plans and previous inspection reports for each bridge to be inspected. The Consultant's work includes all necessary traffic control, railroad flaggers, railroad insurance, access equipment, and any other necessary inspection equipment required to fully inspect these bridges. The Consultant must be familiar with and follow all IDOT safety rules and regulations during the inspection. The Consultant will be required to coordinate each inspection with the appropriate authorities – including the IDOT Bureau of Traffic, various railroads, Coast Guard Districts, lease holders, etc.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	15
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$1,050,000. The completion date for this contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge of managing day to day aspects of the project (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the bridge inspection work (at least one inspector must be an Illinois Bridge Inspection Team Leader).
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer with movable bridge experience). In addition, the staff performing this work must be identified.
- The person who will perform the work in the area of structure load rating (must be an Illinois Licensed Structural Engineer with movable bridge experience). In addition, the staff performing this work must be identified.
- The person(s) who will perform the QC/QA review work of submittals (must be an Illinois Licensed Professional Engineer for all submittals and an Illinois Licensed Structural Engineer for structural plan submittals with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Structures (Moveable)

Structures (Railroad)

Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

2. **Job No. C-91-236-17, IL 132 (Grand Ave) from Munn Rd. to Deerpath Dr., Phase III Project, Lake County, Region One/District One.**

This project may contain Federal Funds.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 03, 2017**, at **8:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection for the improvement of IL 132 (Grand Ave.) from Munn Rd. to Deerpath Dr. The work includes, but is not limited to, roadway widening, resurfacing, traffic signal modernization, shared use path, and pedestrian ramps. The roadway will be widened and resurfaced to accommodate two 12 foot lanes in each direction with a 16 foot landscaped median. A 5 foot sidewalk along the south parkway and an 8 foot multi-use path along the north parkway of IL 132 will be provided. Other work includes earthwork, HMA base course widening, pavement patching, milling of existing HMA surface, placement of polymerized leveling binder and polymerized HMA surface course (Mixture E), combination concrete curb and gutter removal and replacement, sidewalk installation, driveway pavement removal and replacement, drainage structure and storm sewer pipe installation, utility structure adjustments, placement of thermoplastic pavement markings, traffic signal modernization, landscape restoration and all other work necessary to complete the project as shown on the plans and as described herein.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State Specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any subconsultants	30
Proposed DBE use	10
Available work capacity of firm	15
The firms experience in the specific district with required project work	15
Firms understanding/method of accomplishing project requirements	20

The anticipated construction completion date is November 31, 2018 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

3. **Job No. C-91-230-17, I-90 at I-290/Congress Pkwy (Jane Byrne Interchange) EB Mainline – Racine to Congress Parkway, Phase III Project, Cook County, Region One/District One.**

This project may contain Federal Funds.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 04, 2017** at **9:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection for the improvement of I-90 at I-290/Congress Parkway (Jane Byrne Interchange) EB Mainline – Racine to Congress Parkway. The work includes, but is not limited to, the construction of a 3 new concrete retaining walls along I-290, EB mainline at Morgan, Peoria, and Halsted Street in the inbound direction along the south side of the expressway as well as rehabilitation of two existing retaining walls near Racine St and Morgan Street. In addition, the existing I-290 mainline eastbound pavement will be removed and replaced from Racine Street to Congress Parkway at the approach to I-90/94. Lighting, ITS, and all incidental and collateral work necessary to complete the improvement is required.

The following Structures may be included:

- S.N. 016-1728 - [New Retaining Wall I-290 EB mainline, south side, west of Morgan St.]
- S.N. 016-1800 - [New Retaining Wall I-290 EB mainline, south side, east of Peoria St.]
- S.N. 016-1801 - [New Retaining Wall I-290 EB mainline, south side, west of Halsted St.]
- S.N. 016-Z029 - [Old Retaining Wall I-290 EB mainline, south side, east of Morgan St.]
- S.N. 016-Z046 - [Old Retaining Wall I-290 EB mainline, south side, east of Racine St.]

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any Subconsultants	30
Proposed DBE use	5
Available work capacity of firm	10
The firms experience in the specific district with required project work	15
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge & experience in permit procedures with the City of Chicago	10

The anticipated construction completion date is June 30, 2019 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator.
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

4. **Job No. C-91-235-17, I-80: IL 53 (Chicago St) to Rowell Ave (Group A Structures) Eastbound, Phase III Project, Will County, Region One/District One.**

This project may contain Federal Funds.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 03, 2017 at 10:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection for the improvement of I-80 from IL 53 (Chicago St) to Rowell Ave. (Group A Structures) Eastbound. The work includes, but is not limited to, pavement reconstruction between Chicago Street and Rowell Ave. including closing the existing open median and providing pavement for a future third lane. Rehabilitation of the Chicago Street bridge, replacement and widening (including vertical clearance improvements of the bridges carrying I-80 Eastbound over Hickory Creek, BNSF/Gardner Road and WCL/Rowell Avenue as well as I-80 Eastbound and Westbound over Richards Street. Installation of closed median drainage and concrete median barrier wall, bridge painting of the I-80 bridges over Des Plaines River (S.N. 099-0056 EB, 099-0057 WB), all incidental, and collateral work necessary to complete the improvement is required.

The following Structures may be included:

- S.N. 099-0059 - [EB I-80 over Chicago Street]
- S.N. 099-0062 - [EB I-80 over Hickory Creek]
- S.N. 099-0900 - [EB I-80 over Richards Street]
- S.N. 099-0901 - [WB I-80 over Richards Street]
- S.N. 099-0902 - [EB I-80 over Gardner Street / BNSF / UPRR]
- S.N. 099-0904 - [EB Rowell Avenue / WCLRR]

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties requiring the

services of an engineer to complete this project on a timely basis and in accordance with State specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	30
Proposed DBE use	5
Available work capacity of firm	10
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge & experience in bridge construction	5

The anticipated construction completion date is November 30, 2018. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

5. **Job No. P-91-196-17, US 30 over Des Plaines River, Phase I Project, Will County, Region One, District One.**

This project may contain Federal Funds.

This project requires **16% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 21, 2017** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required for all work associated with the preparation of preliminary engineering and environmental studies to improve the two bascule bridges carrying US 30 over the Des Plaines River. The Consultant's work will include data collection, bridge inspections, electrical and mechanical inspections, Bridge Condition Reports, hydraulic and ground survey, traffic counts, crash analysis, geometric studies, location drainage studies, hydraulic reports, estimated construction cost, traffic maintenance analysis, and a project report anticipated to be processed as a Categorical Exclusion, and all other work necessary to complete the project.

Phase I studies for the rehabilitation is expected for the following structures:

- S.N. 099-0101 – US 30 westbound (Cass Avenue) over Des Plaines River
- S.N. 099-0166 – US 30 eastbound (Jefferson Street) over Des Plaines River

The department will furnish the Consultant with available microfilm plans, crash data, traffic data, utility coordination and correspondence, and right-of-way data, as well as archaeological, historical, wetland, and special waste survey coordination.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	20

The completion date for this contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). Location Drainage prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of the electrical work must be an Illinois Licensed Professional Engineer. Electrical prequalification category requirement may be completed by the sub and/or prime consultant.
- The person who will be in charge of the mechanical work must be an Illinois Licensed Professional Engineer. Mechanical prequalification category requirement may be completed by the sub and/or prime consultant.
- The person(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). Hydraulic Reports (Waterways: Complex) prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person(s) who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). Surveys prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer with movable bridge experience). In addition, the staff performing this work must be identified.
- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work with adequate plan review experience).
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; drafting press releases and property owner contact letters, etc.

The prime firm must be prequalified in the following categories to be considered for this project:

Structures (Moveable)

Location/Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

6. **Job No. D-91-233-17, Various Hazardous Waste Assessments, Various Routes, Various Counties, Region One, District One.**

The **Complexity Factor** for this project is **0.035**.

The Consultant selected for this project, and all subconsultants the prime Consultant will be using, are scheduled to attend a negotiation meeting on **July 26, 2017 at 9:00 A.M.** at the Region One, District One office in **Schaumburg**.

The department has contracted with the Illinois State Geological Survey (ISGS) to conduct preliminary environmental site assessments (PESA's) of property proposed for highway use. ISGS conducts land-use history investigations; researches federal, state, and local records; conducts field surveys; and determines if the property contains recognized environmental conditions (RECs), de minimis conditions, or no RECs. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

Based on PESA results, districts work with the Environment Section of the Bureau of Design and Environment (BDE) to decide whether additional analyses or other remediation actions are necessary.

Engineering services are required to perform "Preliminary Site Investigations" (PSI's), and when necessary Detailed Site Investigations (DSI's) which are identical to CERCLA RI/FS's. PSI's will entail investigations of sites potentially containing regulated substances. A variety of sites may be investigated (e.g., old, abandoned, or improperly closed dumps, chemical manufacturing sites, metal plating / fabricating sites, dry cleaning/service stations, storage tank sites and buildings, structures containing potential contamination, spills in IDOT yards, and screening for the presence of radionuclides).

Also, provisions for laboratory and field testing including geophysical surveys when needed will be required for a wide variety of regulated substances including but not limited to: soil and water quality parameters including contaminants i.e., PCB's, pesticides, heavy metals, organics and radioactive wastes.

Additional work will include conducting surveys and testing, if applicable, of stored materials, tank contents, and containers to determine whether hazardous waste, special waste, hazardous materials, or other regulated substances are present, conducting environmental compliance audits and developing or maintaining environmental management systems.

The department will furnish the Consultant with the PESA and, as available, Project Reports, field survey data, soil survey data, and plans of the existing and proposed transportation facility. Evaluation, summarization, engineering analysis, and reporting on PSI's, DSI's, laboratory analysis and survey work are included as an important part of this work.

ANTICIPATED WORK SUMMARIES FOR THE VARIOUS TYPES OF POSSIBLE WASTE ASSESSMENTS:

POTENTIAL WASTE SITES INCLUDING UST-LUST SITES

Engineering services are required to perform Preliminary Site Investigations (PSI) and on occasion, Details Site Investigations (RI/FS's and RCRA assessments), plus projects requiring remedial design, which may include underground storage tank (UST) removal, and construction oversight of sites suspected to contain regulated substances, UST and leaking tanks (LUST),

and/or unsecured materials of concern. The PSI's are to include verification of subsurface geologic and hydrologic conditions, identification of chemical contamination and identification of the extent of chemical contamination, when feasible.

PSI investigations include items of work such as work plans, health and safety plans, surface geophysical investigations, trenching, drilling, sampling, chemical analysis, and reporting. Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant.

Following the completion of on-site activities, the firm will compile and evaluate the data and condition of each investigated property. Soil and groundwater analytical results will be compared to the applicable remediation objectives for the maximum allowable concentrations of chemical constituents in uncontaminated soil used as fill material at regulated fill operations (MAC) (35 Illinois Administrative Code (IAC) 1100.605 Subpart F and Title 35 IAC Part 742, Tiered Approach to Corrective Action Objectives (TACO)).

For example, the PSI report will include an estimate of total volume of impacted soil exceeding MAC table and groundwater exceeding TACO remediation objectives. If potentially impacted soil and / or groundwater are encountered, an approach for the management and, if necessary, the off-site disposal of these materials will be presented. Approximate volume estimates and associated cost estimates for transportation and disposal will be developed and presented based on information gathered during the scope of this PSI, as well as measures to reduce potential construction worker exposures to soil exceeding ingestion or inhalation reference concentrations. Recommendations for further investigation will be presented if it is necessary to more accurately define the extent of contamination.

As a task is identified, the department will request the Consultant to prepare an outline of the work phases and technical approach, personnel requirements, detailed cost breakdown, and a schedule that is consistent with the task request. When a task order is awarded for investigation, the Consultant will be fully responsible for the sampling, testing and reporting.

For performance of this work, the Consultant will be required to assign the necessary full-time staff described in its Statement of Interest and, in many cases (except emergency response oversight), to respond with a draft work plan within 15 working days of tasking, conduct field work within ten working days after authority to proceed, prepare the draft report within three months after the authority to proceed, and complete the final report two weeks following IDOT comments. For emergency response oversight, the Consultant will be required to respond within four hours. The DEPARTMENT will typically assign a target final report completion date to each work order. Assuming sufficient lead time has been provided by the district, the DEPARTMENT will normally request submittal of the final report no later than eight to 17 weeks prior to the anticipated letting date.

The Consultant will be required to prepare IEPA LPC-663 forms (Uncontaminated Soil Certification for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation [USFO]). This certification form is used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil is uncontaminated soil and is within a pH range of 6.25 and 9.0, inclusive. The firm's professional engineer or professional geologist will be required, when necessary based on results of the PSI, to stamp and sign the LPC-663 forms.

MISCELLANEOUS SURVEYS AND TESTING

Engineering services to perform environmental surveys and/or testing on an as-needed basis will include assignments such as conducting surveys and testing of stored materials, tank contents, containers, and environmental media (e.g., surface water, soil, air, and groundwater). The work may also include assignments such as reviewing and evaluating existing property-specific information, providing technical expertise on an as-needed basis, corrective actions in order to achieve "No Further Remediation" clearance, and other ad hoc environmental-related tasks within the scope of services normally provided by a hazardous waste Consultant.

EMERGENCY RESPONSE OVERSIGHT

Engineering services are required to perform emergency response oversight. Oversight shall include but not be limited to review of health and safety plans, drilling, sampling, chemical analysis, waste classification, reporting and coordinating the release with the proper authorities (IEPA, IEMA, U.S. EPA, Army Corps of Engineers and/or other State or Federal Agencies). Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant. The Consultant should be prepared to perform any task to minimize the release and cleanup. The goal of these work assignments is to obtain closure for the release from the proper State and Federal Agencies.

ENVIRONMENTAL PLANS FOR DEPARTMENT OPERATIONS FACILITIES

Engineering services may be required to review current department operational facilities on current practices that impact the environment, investigate past practices and make recommendations for mitigation and improvements. Assist with the development of an environmental management system, which will provide a framework for practices, procedures, and processes to manage the Bureau of Operations' Environmental Program.

EXTRANET

To help the Department facilitate review of work plans and PSI reports and project tracking, the Consultant will be required to upload all information regarding each work order and to provide any technical assistance necessary to ISGS in the maintenance of the extranet site hosted by ISGS. Information uploaded shall include but not be limited to draft and final work plans, draft and final PSI reports, budget information, analytical results, site location maps, site photographs, and progress reports.

CONFIDENTIALITY

- (1) Unless otherwise directed by IDOT, the Consultant shall hold all information provided by IDOT and the results of the work performed by the Consultant confidential and shall not disclose the same to any third party except where required by governmental regulatory agencies or as otherwise required by law. Documents shall be marked "Confidential," "Attorney Work Product," "Attorney-Client Privileged," or as directed by IDOT. The confidentiality provisions herein shall survive any termination or expiration of this agreement. The Consultant shall retain the right to disclose necessary information for financial, tax and insurance audits as required, subject to a confidentiality agreement with the auditor. Specific information concerning the work performed will not be disclosed without IDOT's prior approval.
- (2) It is understood that: (i) you will make a reasonable effort to be available upon reasonable advance notice; (ii) you will keep confidential all information obtained, or analyses developed, in connection with this litigation or any related litigations with respect to which we may seek your advice and counsel; (iii) you will use such confidential information solely in connection with your engagement by IDOT; (iv) you will preserve any written materials, including e-mails generated or received by you in connection with this engagement, as such

materials are potentially discoverable in litigation; (v) you will not in the future consult for, or otherwise represent, any other person or entity with an interest adverse to IDOT's interests in or concerning the pending litigation, or the events or occurrences out of which the pending litigation arises; and (vi) you will keep confidential your retention by IDOT, unless and until you are identified in court papers as a testifying expert or we otherwise authorize you to breach this confidentiality.

- (3) It is specifically understood that if you are later designated a testifying expert, all documents that you create may become discoverable, including drafts and notes prepared prior to the time that your opinion or report is finalized.

Therefore, you agree that: (i) you will not prepare any draft opinion or report without our consent (regardless of whether the draft is for internal purposes or to share with others); (ii) you will not share any draft opinion or report, or any notes, with any other person without our consent; (iii) every draft opinion or report will bear the following legend: 'THIS IS A PRELIMINARY DRAFT. IT HAS BEEN PREPARED BASED ON PRELIMINARY INFORMATION AND ASSUMPTIONS. NO ONE MAY RELY ON THIS DRAFT. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'; (iv) all notebooks or individual pages of notes will bear the following legend: 'THESE NOTES ARE INCOMPLETE AND HAVE BEEN PREPARED FOR PERSONAL USE ONLY. NO ONE MAY RELY ON THEM FOR ANY PURPOSES. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'.

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Available work capacity of firm	10
The firm's experience in the specific district with required project work	25
Firm's understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$5,000,000. The completion date for this contract (excluding emergency response oversight) will be 60 months after authorization to proceed.

Statements of Interest must include the following:

1. The location of the office from which the majority of work on this project will be performed and managed.
2. An organization chart showing the Administrative / Managerial Staff of the office and a flow chart of key Technical / Professional Staff, including field and risk assessment staff that will be assigned to this project. Similarly, information of subconsultants' location/ organization should be provided.
3. The name of the laboratory that will be used for this project. The selected firm must have the capability of using either in-house or subcontracted laboratory facilities, which are qualified to work on IEPA sites. The laboratory shall have an approved IEPA quality assurance plan and follow that plan in performing the analyses.
4. A statement of your firm's ability to do the work in-house, or if necessary, what work is to be subcontracted. Indicate item(s) of work, which would be subcontracted, and the proposed subcontractor(s).

5. A description of your mobilization plan to be used upon notification that a work order has been authorized.
6. A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders.

The prime firm must be prequalified in the **Special Services (Hazardous Waste - Advance)** category and be familiar with IDOT contracts.

The chosen firm will have a wide range of experience and sufficient breadth and depth to adroitly handle anything in the special waste/hazardous waste field. The firm will have expert staff to minimize the start-up learning curve for work under this PTB. Previous experience and knowledge on IDOT projects is not necessarily required. Some work will involve experience equivalent to the Special Services, Hazardous Waste-Simple prequalification category.

Firms will be evaluated on their ability to comprehend the scope of work, as evidenced by their statements of interest and prequalification packages, the quality and experience of their assigned staff; team organization, management and responsiveness; and management and data quality assurances as evidenced by laboratory procedures. The mobilization plan in the SOI will provide sufficient detail to demonstrate understanding of the process.

Additionally, the firm must comply with the following:

- Use laboratory facilities that are accredited by the IEPA under 35 Illinois Administrative Code 186.
- Use appropriately licensed and certified equipment and appropriately licensed and registered subconsultants.

Statements of Interest, including resumes of key people to be used on the project, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

7. **Job No. C-91-228-17, Various Construction Inspection Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 04, 2017 at 10:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist resident engineers/technicians on various construction projects throughout the District One area. Four (4) to Eight (8) engineers and /or engineering technicians are anticipated to be required during the 2017, 2018 and 2019 [if applicable] construction seasons. Typical assignments would include, but are not limited to, general construction inspection, project finalization, and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, and bridge painting and providing general assistance as a member of a field crew. Survey/layout services may be required. The Consultant will furnish a Project Manager and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

This work may be in either English or metric units.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The personnel shall have a good working knowledge of Department Specifications for Road and Bridge Construction, the Department Construction Manual and documentation and in inspection procedures.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	25
Proposed Staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	15
The firms experience in the specific district with required project work	15
Firms understanding/method of accomplishing project requirements	15

The completion date for this contract will be 18 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- Project Manager

- Inspectors (Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities is desired)
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

8. **Job No. P-91-240-17, Various Phase I Engineering for Drainage Studies and Hydraulic Reports, Various Routes, Various Counties, Region One/District One.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 25, 2017 at 10:30 A.M.** at the Region One/District One Office in Schaumburg.

Phase I engineering services are required for preparing Drainage Studies and Hydraulic Reports for various locations in District One. Typically, the studies and report will be completed in conjunction with Project Reports completed by others. All documentation and the supporting computations are to be presented in the study/report format as appropriate. Preparation of Location Drainage Studies shall be in accordance with the District requirements. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with historical highway plans, aerial mosaic, ground surveys, hydraulic stream surveys, contour mapping, flood insurance studies, floodplain maps, pavement flooding incident reports, and information about known drainage problems, if available.

The Consultant's work includes, but is not limited to, data collection, field verifications, roadway survey, stream survey, survey note reductions/plotting, drainage investigations, determination of drainage patterns, storm sewer cleaning/televising, drainage system evaluation and design, presentation/coordination with local agencies, bridge scour evaluation, development of Waterway Information Tables, hydrologic/hydraulic analyses, Hydraulic Reports for waterways and pump stations.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	15
Proposed Staffing from Prime and any subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The firms experience in the specific district with required project work	10
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge of common District Hydrologic and Hydraulic practices, experience with State & Local drainage practices, study methods, and familiarity with Federal, State & Local regulatory agency practices.	10

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 60 months after the authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Reports and Hydraulic Reports (must be an Illinois Licensed Professional Engineer with a minimum of five (5) years' experience dealing with highway related drainage problems).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

The use of hydraulic and hydrologic computer programs currently accepted by the Division of Highways is also required to perform drainage assignments. Resumes of drainage engineers must state hydraulic and hydrologic modeling experience for the last 5 years.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Studies (Location Drainage)

Hydraulic Reports (Waterways: Complex)

Hydraulic Reports (Pump Stations)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

9. **Job No. C-91-237-17, IL 120: Over US 41 (Skokie Hwy), Old Skokie Rd, UP RR, CP RR Ramps, Greenleaf Ave, & US 41 to Knight Ave, Phase III Project, Lake County, Region One/District One.**

This project may contain Federal Funds.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 03, 2017 at 9:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection for the improvement of IL 120: Over US 41 (Skokie Hwy), Old Skokie Rd, UP RR, CP RR Ramps, Greenleaf Ave, & US 41 to Knight Ave. The project consists of 2 contracts (Contract 60X39 and Contract 60X40), constructed concurrently, and will require close coordination of the maintenance of traffic plans and construction sequencing of the other contract. The work includes, but is not limited to, rehabilitation of 10 various bridge structures along IL 120 in the cities of Waukegan and Park City, and the Village of Gurnee in Lake County Illinois. The projects include the removal and replacement of the deck and rehabilitation of the superstructures and substructures of the bridges. The bridge abutment back-walls will be removed and replaced, wing-walls will be repaired, the existing rocker bearings will be replaced with elastomeric bearings and diaphragms will be added to the bridge framing units. The projects also include cleaning and painting of the girders; removal and replacement of approach slabs, slope walls, bridge drainage systems, ripraps and other incidental work required to complete the projects. The Maintenance of Traffic (MOT) during construction will utilize temporary crossovers, temporary ramps, and temporary pavements which will be converted into permanent shoulders, all incidental and collateral work necessary to complete the improvement is required.

The following Structures may be included:

- S.N. 049-0125 - [Westbound IL 120 over Greenleaf Ave.]
- S.N. 049-0126 - [Eastbound IL 120 over Greenleaf Ave.]
- S.N. 049-0129 - [Westbound IL 120 over CPRR ramps]
- S.N. 049-0130 - [Eastbound IL 120 over CPRR ramps]
- S.N. 049-0049 - [Westbound IL 120 over CPRR]
- S.N. 049-0048 - [Eastbound IL 120 over CPRR]
- S.N. 049-0050 - [Westbound & Eastbound IL 120 over US 41]
- S.N. 049-0051 - [Westbound & Eastbound IL 120 over UPRR & Old Skokie Rd.]

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison

Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any subconsultants	30
Proposed DBE use	5
Available work capacity of firm	10
The firms experience in the specific district with required project work	20
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge and experience in bridge construction	5

The anticipated construction completion date is October 31, 2019. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred)
- The Assistant Engineer
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified)
- The Survey Chief

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

10. **Job No. D-91-226-17, Phase II Various Projects, Various Routes, Various Counties, Region One, District One.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 25, 2107** at **1:00 P.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for plan preparation, plan review, and surveying on various projects in District One. Work is expected to include contract plan preparation, plan review and surveying for various projects. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Work Orders may include the preparation of contract plans for various projects involving roadway, bridge improvements, drainage improvement plans, preparation of miscellaneous roadway plans and structure details (TS&L plans, structure plans), review of plans by consultants and local agency consultants for roadway and bridge reconstruction projects, obtaining pavement composition cores for resurfacing projects and geotechnical borings for structure designs, creation and/or maintenance of Phase II project websites for the District and providing supplemental field and bridge deck surveying for various projects.

The department will furnish the Consultant with available microfilm, pavement patching survey, bridge repair notes, and other available information.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any subconsultants	30
Proximity of firm to project location	2
Proposed DBE use	8
Available work capacity of firm	10
The firms experience in the specific district with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost of these projects may range from \$200,000 to \$3,000,000. The estimated engineering fee for this project is \$1,500,000. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Project Engineer, the individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The surveying prequalification may be completed by the Prime and/or Sub.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)

Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

11. **Job No. P-91-238-17, Phase I Various Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **17% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 25, 2017 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required for the preparation of various preliminary engineering and environmental studies throughout the One. The work may include new Phase I studies for intersections, small highway segments, bridges, and/or assisting the department in completing on-going Phase I studies and tasks. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant and/or their subconsultants on the project are prohibited from managing contracts where either party is the prime consultant or a subconsultant. The selected firm and/or their subconsultant may not manage another firm if the relationship was reversed during another phase of work.

The department will furnish the Consultant with any relevant and available information such as accident data, existing and projected traffic data, utility coordination, and right-of-way data, as well as archaeological, historical, wetland, and special waste survey coordination.

The Consultant will be expected to perform work similar to an IDOT Project Manager/Squad Leader and Staff, and report to the Consultant Studies Unit Head. The Consultant's work may include data collection, preparation of base maps and mosaics, geometric studies, safety studies including accident analysis, capacity analysis including intersection design studies, route as well as stream surveys, project reports anticipated to be processed as Categorical Exclusions, bridge inspections and condition reports, drainage studies including Hydraulic Reports, cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks. The Consultant will be expected to perform work in the district office as needed. The Consultant may also be required to assist the district in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other consultants.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	20

The cumulative cost of construction of these projects is anticipated to be in excess of \$20,000,000. The estimated engineering fee for this project is \$1,800,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer)
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the work documents (must be an Illinois Licensed Professional Engineer)
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform the work in the area of preparing structural concepts (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified. The Highway Structures Complex Category may be completed by Prime and/or sub.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). Location Drainage prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). Hydraulic Reports (Waterways: Complex) prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person(s) who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). Surveys prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; drafting press releases and property owner contact letters, etc.

The prime firm must be prequalified in the **Location/Design Studies (Reconstruction/Major Rehabilitation)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

12. **Job No. C-91-234-17, Various Quality Assurance for Aggregate/HMA/PCC and Other Material Inspection Projects, Various Routes, Various Counties, Region One, District One.**

This project requires **35% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 26, 2017 at 10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase III engineering services are required to perform the quality assurance responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC) construction, Aggregate Gradation Control System (AGCS), Recycled Asphalt Paving (RAP) testing, Recycled Asphalt Shingles (RAS) testing, pipe, precast and prestressed inspections. Services and responsibilities include structural steel and miscellaneous materials inspection at various sources or jobsites. Independent Assurance sampling and testing for the department for both HMA and PCC according to Federal guidelines at both plants and jobsites. The department may have a need for a project manager to handle certain parts or full time tasks such as staff management of Independent Assurance efforts, RAS testing program, a geographical area for Mixtures Control Unit, evaluation and reporting of Pay Factors for End Result Projects, special laboratory testing, and evaluation of mix designs and new products, etc. The Project Manager may require appropriate training and experience for the tasks, which they are assigned. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

Additional services and responsibilities may include a Materials Certification Technician and Technical Office Staff to support District One's Bureau of Materials Office Staff. Work may include assisting the Quality Assurance Manager and Material Certification technicians in reviewing and finalizing various material inspection requirements, tracking and helping solve material deficiencies issues, processing various technical test results and monitoring project status and other duties as assigned.

The department will furnish the Consultant with daily assignments to various construction jobsites, bituminous or concrete plants, quarry field offices, District Lab facilities and pre-stressed and precast facilities and various producers and suppliers of structural steel and miscellaneous materials.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants, on the same project or on material coming from the same plant is prohibited. At the negotiation meeting, the prime Consultant and subconsultants(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant will maintain records and submit documentation of QC and QA activities required by the construction contract, *Manual for Fabrication of Precast Prestressed Concrete Products*, any applicable Materials Policy Memorandums and appropriate contract special provisions and plan notes or details.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	22
Proposed Staffing from Prime and any Subconsultants	16
Available work capacity of firm	18
The firms experience in the specific district with required project work	20
Firms understanding/method of accomplishing project requirements	10
Project specific criteria: Knowledge, Experience, and access to specialized materials testing equipment including IFIT, DCT, Hamburg Wheel, Asphalt Analyzer, and Mitscan.	14

The estimated engineering fee for this project is \$1,500,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer who will assume duties as Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer)
- The person(s) who will be in charge of QA Lab and Field Testing
- QC/QA Level 1, Level 2 and Level 3 (HMA and PCC) Certified Testing Technicians
- ACI Grade 1 and PCI Level 1 and Level 2 Certified Testing Technicians
- The Materials QA Technician
- Structural Steel and Miscellaneous Materials Source Inspector
- Materials Certification Technician (must possess a current IDOT Construction Documentation certificate. Current proof of recent IDOT documentation experience within the last 5 years is required. **Include the Documentation Certificate Number for IDOT Class**)
- Technical Office Staff

The Certificates of completion for required training courses must be included in the Statement of Interest for the staff presented.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Quality Assurance: HMA & Aggregate)

Special Services (Quality Assurance: PCC & Aggregate)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

13. **Job No. D-91-231-17, Various Land Survey Projects, Various Routes, Various Counties, Region One / District One**

This project requires **24% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 24, 2017 at 10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for various surveying projects throughout District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with alignment data, title reports, existing right-of-way plats, and proposed right-of-way requirements as each work order is negotiated.

The Consultant's work includes field and office resources to prepare statutory plats of highway, legal descriptions, and field staking of the same in accordance with the Department's Land Acquisition Manual and District One procedures. Some GIS and database work might also be required. They must also have a QA/QC plan to review internal work as well as assigned IDOT projects.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	20
Proposed Staffing from Prime and any subconsultants	15
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The firms experience in the specific district with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor.)
- The person who will perform the QA/QC review work of all work order submittal documents (must be an Illinois Licensed Professional Land Surveyor.)

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

14. **Job No. C-91-232-17, I-90 at I-290/Congress Pkwy (Jane Byrne Interchange) – Bridge EB (E of Des Plaines) & I-290 EB Bridge Over I-90/94 Phase III Project, Cook County, Region One/District One.**

This project may contain Federal Funds.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 04, 2017 at 8:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection for the improvement of I-90 at I-290/Congress Pkwy (Jane Byrne Interchange) Bridge EB (East of Des Plaines) & I-290 EB Bridge Over I-90/94. The work includes, but is not limited to, the construction of a new concrete retaining wall (S.N. 016-1829) along the south side of Congress Parkway inbound, west of Canal Street and the removal, replacement and reconstruction of a new bridge structure (S.N. 016-1704) over I-90/94 with a change in the roadway and bridge profile to increase vertical clearance over I-90/94. The Congress Parkway Viaduct (S.N. 016-0461) involves the rehabilitation of the existing viaduct from I-90/94 to the west edge of the existing Post Office building in the inbound direction, bridge deck patching and repairs, deck replacement and superstructure replacement of the specified bridge unit. Lighting, ITS work, and drainage, all incidental and collateral work necessary to complete the improvement is required.

The following Structures may be included:

- S.N. 016-1704 - [I-290 over I-90/94]
- S.N. 016-0461 - [Congress Pkwy Viaduct Inbound]
- S.N. 016-1829 - [New Retaining Wall]

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub-consultants, on the same project or on material coming from the same plant is prohibited. At the negotiation meeting, the prime Consultant and subconsultants(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties requiring the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any subconsultants	30
Proposed DBE use	5
Available work capacity of firm	10
The firms experience in the specific district with required project work	15
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge and experience in permit procedures with the City of Chicago	10

The anticipated construction completion date is June 30, 2019 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified)
- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

15. Job No. P-93-031-17, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Three.

This project requires **20% DBE** participation or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 26, 2017 at 10:00 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and/or II engineering is required for various projects throughout District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I engineering studies, if required, may consist of the preparation of various Phase I preliminary engineering and environmental studies and may include conducting route surveys, land surveys, hydraulic analysis, geometric studies, environmental studies, preparing project reports and reviewing geotechnical reports. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, crash analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report.

Phase II work, if required, may consist of conducting route surveys, mobile LiDAR surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L drawings, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The Consultant may be requested to obtain LiDAR data for projects selected by the department using a mobile LiDAR scanner.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects.

The department will furnish the Consultant with any relevant available information such as as-built plans, field notes, traffic data, crash data, agency coordination, right-of-way data, aerial photos, boring logs, and other information.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any subconsultants	30
Proximity of firm to project location	10
The firms experience in the specific district with required project work	30
Firms understanding/method of accomplishing project requirements	20

It is anticipated this contract will include approximately 3 to 15 different projects with estimated construction costs ranging up to \$10,000,000. The engineering services required may consist of only a portion of the total engineering work on a certain project. The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Professional Engineer).
- The person(s) who will perform the duties of Project Engineer, that individual in charge who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Professional Engineer).
- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and the persons responsible for all environmental disciplines including socio-economics/community impacts, ecology, noise and water quality, public Involvement, and technical writing. Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)

Special Studies (Safety)

Location Design Studies (Rehabilitation)

Structures (Highway: Typical)

The prime consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented in your most recently approved Statement of Experience and Financial Condition or your firm may use a single subconsulting firm that is prequalified in **Environmental Reports (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial Condition.

Statements of Interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

16. **Job No. C-93-084-17, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Three.**

This project requires **22% DBE** participation or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 2, 2017 at 10:30 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for construction inspection, PCC/HMA quality assurance inspection, and prestress/precast quality assurance inspection.

Phase III engineering services are required for the inspection, supervision, construction layout, field material testing (all field material testing will be completed with IDOT equipment) and field inspection for roadway rehabilitation throughout District 3. The various types of jobs are anticipated to consist of route and seal, patching, traffic signals, landscaping, milling and resurfacing, bridge repair and replacement, concrete pavement, and pavement marking. Laboratory testing of materials will not be required.

The Consultant will be asked to furnish Four (4) to Twenty (20) inspectors on various projects. The Consultant is expected to perform onsite inspection, engineering layout, and verification of contractor staking, maintain documentation, submit pay estimates, change orders, and any other duties required to complete these projects on a timely basis and in accordance with the State Specifications and guidelines. The inspectors should be knowledgeable in the use of the department's documentation tracking system (ICORS).

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their sub consultants on the sample project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and sub-consultant(s) will disclose all current relationships with contractors.

In addition, the consultant may be asked to provide Aggregate, Concrete and/or Hot Mix Asphalt (HMA) testers to perform various testing in the District 3 Laboratories in Ottawa, Pontiac, and/or Kankakee. The inspector(s) will be responsible for doing various aggregate, concrete and/or HMA testing at the direction of the IDOT Laboratory Supervisor. All testing will be performed on IDOT equipment.

The Consultant may also be asked to provide on-site QA inspectors for Illinois and out-of state pre-stressed and pre-cast producers on an as-needed basis within the jurisdiction of District 3. All testing will be performed on IDOT equipment.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	15
Proposed Staffing from Prime and any subconsultants	30
Proximity of firm to project location	5

Rating Description--continued	Weighted %
Proposed DBE use	5
The firms experience in the specific district with required project work	30
Firms understanding/method of accomplishing project requirements	15

The completion date for this contract will be 60 months after authorization to proceed

Key personnel listed on **Exhibit A** for this project must include:

- The Construction Inspectors. (4 - 20 individuals to perform on-site inspection, survey and QA inspection). A current IDOT Construction Documentation Certification and experience and a workable knowledge in the area of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC) and soils training are required.
- The Materials Lab Inspectors. (1 to 4 individuals to perform aggregate, concrete, soils and/or HMA testing at the Ottawa, Pontiac, and/or Kankakee lab). Inspectors must have completed the following classes:
 - IDOT 3 day mixture aggregate technician or 5 day aggregate technician course
 - IDOT HMA Level I course
 - IDOT PCC Level I course
- The Pre-stressed/Pre-cast QA inspectors. (1 to 2 individuals to perform QA inspection at District 3 jurisdiction producer sites). Inspectors must have completed or be registered for the following training courses:
 - IDOT 3-day mixture aggregate technician or 5-day Aggregate Technician Course
 - ACI Concrete Field Testing Technician – Grade I.
 - PCI level I & II - Quality Control Personnel Certification Program.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

17. **Job No. P-93-032-17, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Three**

This project requires **20% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 26, 2017** at **1:30 P.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and/or II engineering is required for various projects throughout District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I engineering studies, if required, may consist of the preparation of various Phase I preliminary engineering and environmental studies and may include conducting route surveys, land surveys, hydraulic analysis, geometric studies, environmental studies, preparing project reports and reviewing geotechnical reports. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, crash analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report.

Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L drawings, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects.

The department will furnish the Consultant with any relevant available information such as as-built plans, field notes, traffic data, crash data, agency coordination, right-of-way data, aerial photos, boring logs, and other information.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any subconsultants	30
Proximity of firm to project location	10
The firms experience in the specific district with required project work	30
Firms understanding/method of accomplishing project requirements	20

It is anticipated this contract will include approximately 3 to 15 different projects with estimated construction costs ranging up to \$10,000,000. The estimated engineering fee for this project is \$500,000. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Professional Engineer).
- The person(s) who will perform the duties of Project Engineer, that individual in charge who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Professional Engineer).
- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and the persons responsible for all environmental disciplines including socio-economics/community impacts, ecology, noise and water quality, public Involvement, and technical writing. Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Special Studies (Safety)
Location Design Studies (Rehabilitation)
Structures (Highway: Typical)

The prime Consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented in your most recently approved Statement of Experience and Financial Condition or your firm may use a single subconsulting firm that is prequalified in **Environmental Reports (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial Condition.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

18. **Job No. P-93-030-17, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Three**

This project requires 20% DBE participation or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 26, 2017 at 8:30 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and/or II engineering is required for various projects throughout District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I engineering studies, if required, for the preparation of various Phase I preliminary engineering and environmental studies may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, environmental studies, value engineering review, preparing project reports and reviewing geotechnical reports. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, crash analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report.

Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L drawings, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

Value engineering work may consist of conducting project investigation and analysis including evaluating alternative designs to verify the cost versus benefit of proposed work developed during preliminary engineering.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects.

The department will furnish the Consultant with any relevant available information such as as-built plans, field notes, traffic data, crash data, agency coordination, right-of-way data, aerial photos, boring logs, and other information.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any subconsultants	30
Proximity of firm to project location	10
The firms experience in the specific district with required project work	30
Firms understanding/method of accomplishing project requirements	20

It is anticipated this contract will include approximately 3 to 15 different projects with estimated construction costs ranging up to \$10,000,000. The estimated engineering fee for this project is \$500,000. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Professional Engineer).
- The person(s) who will perform the duties of Project Engineer, that individual in charge who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Professional Engineer).
- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and the persons responsible for all environmental disciplines including socio-economics/community impacts, ecology, noise and water quality, public involvement, and technical writing. Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.
- The person who will perform the value engineering tasks must have previous VE experience meeting FHWA approval and/or National Highway Institute Certification.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)

Special Studies (Safety)

Location Design Studies (Rehabilitation)

Structures (Highway: Typical)

The prime Consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented in your most recently approved Statement of Experience and Financial Condition or

your firm may use a single subconsulting firm that is prequalified in **Environmental Reports (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial Condition.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS)

19. **Job No. P-94-014-17/D-94-072-15, I-74/IL-29 Structure (Murray Baker Bridge) over the Illinois River, Phase I/II Engineering Services, Peoria & Tazewell Counties, Region Three/District Four.**

This project may contain Federal Funds.

This project requires **5% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 02, 2017** at **10:30 A.M.** at the Region Three/District Four Office in Peoria.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a categorical exclusion) and final contract plans, specifications, and cost estimates for the rehabilitation of Structure No. 090-0001 (Murray Baker Bridge), which carries I-74/IL 29 over the Illinois River.

The Phase I work may consist of inspection of the existing structure; conducting route and land surveys; preparing a Bridge Condition Report (BCR); preparing a Type, Size, and Location (TS&L) plan; and preparing exhibits for public involvement. The work may also include scour analysis, data collection, cost estimates, and other work and exhibits necessary to complete the Phase I study.

The Phase II work may consist of inspection of the existing structure, conducting route and land surveys, preparing structure plans, preparing traffic control details, preparing highway lighting and electrical plans, reviewing shop drawings, and other work necessary to complete the Phase II final contract plans, special provisions, and estimates.

The department will furnish the Consultant with any existing structure plans, structure inspection reports, traffic data, agency coordination, existing right-of-way plans, boring logs, and other information.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weight %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	15
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience in the specific district with required project work	5
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Firm's experience with working on deck replacements of major structures and steel repairs for truss structures	20

The estimated construction cost for this project is \$35,000,000. The completion date for this contract will be 24 months after authorization to proceed. The Phase I is expected to be

completed in 12 months and the Phase II expected to be completed in 12 months. A planned Supplement for Phase II will be done near the completion of Phase I.

Key personnel listed on **Exhibits A and B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Structural Engineer, that individual who is directly involved in the analysis and development of the contract structural documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform scour analysis (must be an Illinois Licensed Professional Engineer and include their experience with complex pier scour analysis). The required hydraulics category may be completed by the prime and/or sub.
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). Survey category may be completed by Prime and/or Sub.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies: (Reconstruction/Major Rehabilitation)

Highways: (Freeways)

Structures: (Major River Bridges)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

20. **Job No. C-94-064-17, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four.**

This project requires **22% DBE** participation or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using is scheduled to attend a negotiation meeting on **July 21, 2017 at 10:00 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, material testing, certification, documentation, and field inspection for roadway rehabilitation projects throughout District Four, with an emphasis on the districts western and northern counties of McDonough, Henderson, Warren, Mercer, Knox, Fulton, Stark, Putnam, and Marshall. The various types of jobs to be staffed by Consultants will be, but are not limited to, route and seal, patching, traffic signals, landscaping, milling and resurfacing, bridge construction/repairs and pavement marking. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors. The Consultant and their subconsultant(s) will be prohibited from doing any work for contractors on any project the department has assigned them, including but not limited to Construction Staking.

The Consultant will be asked to furnish approved personnel to assist a District Resident Engineer/Technician on various projects. The Consultant will be required to perform on-site inspection, verification of contractor staking, maintain documentation, and any other duties that would be required by the Resident Engineer/Technician to complete these projects on a timely basis and in accordance with the State Specifications and Guidelines.

The Consultant may be required to furnish a laptop computer equal to the latest type used by Region Three/District Four for each project. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer.

The Consultant may be asked to do inspection of embankment/subgrade compaction with a nuclear density gauge and the associated field laboratory tests.

The Consultant may be asked to assist in the determination or verification of final earthwork quantities on various projects. This work could include topographic surveys, plotting of cross-sections and calculations of quantities using either average end area method or digital terrain modeling.

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

The Consultant may also be asked to continue the implementation of an existing Independent Weight Check program within the District. If necessary, the Consultant will be trained on how to manage the program and informed as to what correspondence will be required.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weight %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	10
Available work capacity of firm	15
The Firms experience in the specific district with required project work	20
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee is \$1,000,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer who will assume all duties as Project Manager for all aspects of the work (an Illinois Licensed Professional Engineer is preferred).
- The Construction Inspector(s) (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities**).

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

21. **Job No. C-94-065-17, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four**

This project requires **22% DBE** participation or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the Prime Consultant will be using are scheduled to attend a negotiation meeting on **July 21, 2017 at 11:00 A.M.** at the District Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, material testing, certification, documentation, and field inspection for roadway rehabilitation projects throughout District Four with an emphasis on the districts western and northern counties of McDonough, Henderson, Warren, Mercer, Knox, Fulton, Stark, Putnam, and Marshall. The various types of jobs to be staffed by Consultants will be, but are not limited to, route and seal, patching, traffic signals, landscaping, milling and resurfacing, bridge construction/repairs and pavement marking. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors. The Consultant and their subconsultant(s) will be prohibited from doing any work for contractors on any project the department has assigned them, including but not limited to Construction Staking.

The Consultant will be asked to furnish approved personnel to assist a District Resident Engineer/Technician on various projects. The Consultant will be required to perform on-site inspection, verification of contractor staking, maintain documentation, and any other duties that would be required by the Resident Engineer/Technician to complete these projects on a timely basis and in accordance with the State Specifications and Guidelines.

The Consultant may be required to furnish a laptop computer equal to the latest type used by Region Three/District Four for each project. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer.

The Consultant may be asked to do inspection of embankment/subgrade compaction with a nuclear density gauge and the associated field laboratory tests.

The Consultant may be asked to assist in the determination or verification of final earthwork quantities on various projects. This work could include topographic surveys, plotting of cross-sections and calculations of quantities using either average end area method or digital terrain modeling.

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

The Consultant may also be asked to continue the implementation of an existing Independent Weight Check program within the District. If necessary, the Consultant will be trained on how to manage the program and informed as to what correspondence will be required.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weight %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	10
Available work capacity of firm	15
The Firms experience in the specific district with required project work	20
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$1,000,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Engineer who will assume all duties as Project Manager for all aspects of the work (an Illinois Licensed Professional Engineer is preferred).
- The Construction Inspector(s) (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

22. **Job No. C-95-036-17, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Five.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The Complexity Factor for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **August 1, 2017 at 10:00 A.M.** at the Region Three, District Five Office in **Paris**.

Phase III engineering services are required to provide construction inspection services for construction projects throughout District 5. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant will be required to furnish adequate qualified staff as approved by the district to assist in performing the required inspection, layout, and other duties to allow the timely completion of projects in accordance with state specifications. Projects requiring staffing may include, but not limited to, District wide patching and resurfacing contracts, or specific bridge projects, resurfacing, or urban rehabilitation projects. The Consultant will be required to assist in performing on-site inspections, layout including design changes, provide construction layout when not provided for in the contract plans, prepare records, maintain documentation, and provide general assistance as member of a field crew.

The department will furnish the Consultant with a Resident Engineer/Technician to direct the Contractor and to direct/coordinate the activities of the Consultant's staff. The department will also furnish the construction plans and specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors. The Consultant and their subconsultant(s) will be prohibited from doing any work for contractors on any project the department has assigned them, including but not limited to Construction Staking.

The Consultant may be asked to provide a Liaison Resident Engineer to work directly with IDOT's Resident Engineer/Technician. The Consultant may also be asked to furnish a documentation technician(s) and laptop computer(s) equal to the latest type used by District 5. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer(s).

The Consultant's personnel will be required to provide a vehicle for their use on construction sites and for traveling between projects, material plants, and weigh scales. The Consultant must also provide their own inspection equipment, testing equipment, layout equipment, cell phones, and any other equipment deemed necessary to complete the work. The duration of time spent at a single location may vary as a function of work assignment needs.

The Consultant's personnel must have a good working knowledge of the department's specifications, the department's Construction Manual, Project Procedures Guide, and documentation and inspection procedures.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	25
Proposed Staffing from Prime and any subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The firms experience in the specific district with required project work	15
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$500,000. This contract is scheduled for the 2017 through the 2020 construction seasons. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- Materials Inspector/Tester – Must have experience and a working knowledge in the area of Hot Mixed Asphalt (HMA), Portland Cement Concrete (PCC), and Soils testing are highly desirable. All personnel performing materials field testing for PCC, HMA, and Soils testing **must possess the most up-to-date certifications.**
- The Documentation Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)
- ICORS Bookkeeper (The person must be experienced and proficient with ICORS and willing to be a full-time bookkeeper in the field office if the need arises).
- Construction Inspector (Personnel must have the level of training necessary as outlined in the department's "Project Procedures Guide")

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

23. Job No. P-98-009-17; FAI 270 from Riverview Dr. in Missouri to IL 157 in Illinois Phase I Project, Madison County and St. Louis County, MO; Region Five/District Eight.

This project may contain Federal Funds.

This project requires **18% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 21, 2017 at 9:00 A.M.** at the Region Five/District Eight Office in **Collinsville**.

This project will entail studying a lane addition in each direction along the existing alignment of I-270 from the interchange with Riverview Drive in Missouri to IL 157 in Illinois.

Phase I engineering services are required for all work associated with the preparation of the preliminary engineering, environmental studies, Bridge Condition Reports via the Department's NBIS inspection reports, pump station hydraulic report, and Location Drainage Study. Key planning tools may include, but are not limited to stakeholder outreach based on Context Sensitive Solutions (CSS) Policy, Traffic Demand modeling, interchange design study (IDS), the potential of an Access Justification Report (AJR) or modifying an existing AJR, traffic management plan (TMP), route surveys with potential for mobile LiDAR and all other work necessary to complete Phase I and obtain Design Approval.

As part of the traffic management plan, the Consultant may be required to perform an impact analysis using a computer simulation program, such as QUEWZ, TSIS-CORSIM, quick zone, or other modeling programs. The estimated project length is approximately 9.7 miles. It is anticipated this project will be processed environmentally as a Categorical Exclusion. However, there is a potential of an Environmental Assessment (EA) report being required.

Major structures anticipated to be included in this project may include the following:

- S.N. 060-0345 - I-270 over Chain of Rocks Canal
- S.N. 060-0038 & 060-0039 - IL 3 Interchange
- S.N. 060-0040 & 060-0041 - I-270 over St. Thomas Rd. and Norfolk Southern Railroad
- S.N. 060-0042 & 060-0043 - IL 203 and Alton-Edwardsville Rd. Interchange over Kansas City Southern & Terminal Railroad Association
- S.N. 060-0044 & 060-0045 - I-270 over Engineer's Rd. and Alton-Southern Railroad
- S.N. 060-0046 & 060-0047 - IL 111 Interchange.

The department will furnish the Consultant with any available as-built plans, microfilm plans, traffic data, crash statistics, roadway, surveys, structural inspection notes, existing right of way plans, aerial photos, and other information deemed applicable to the Consultant's work.

The Consultant's Statement of Interest will be rated base on:

Rating Description	Weighted %
Past Performance in Project Categories	20
Proposed Staffing from Prime and any subconsultants	20

Rating Description – continued	Weighted %
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firms experience in the specific district with required project work	15
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Railroad Experience	5

The estimated construction cost for this project is \$215,000,000. The completion date for this contract will be 36 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer.)
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Structural Engineer, that individual in charge who is directly involved in the development of the contract structural documents (must be an Illinois Licensed Professional Engineer). Structures Highway (Advanced:Typical) prequalification category may be completed by Prime and/or Sub.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois).
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). Surveying prequalification category requirement may be completed by Prime and/or Sub.
- The person who will perform/supervise the work in the area of location drainage calculations and preparation of the Drainage Reports (must be an Illinois Licensed Professional Engineer). Hydraulic Reports: Location Drainage category may be completed by Prime and/or Sub.
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, socio-economic/community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

The prime firm must be prequalified in the **Location/Design Studies (Reconstruction/Major Rehabilitation)** category to be considered for this project.

The prime Consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all the environmental work using staff that has been presented and approved in your most recent Statement of Experience and Financial Condition or your firm may use a single subconsulting firm that is prequalified in **Environmental Reports (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented and approved in their most recent Statement of Experience and Financial Condition.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

24. Job No. P-98-079-17, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.

This project requires **18% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 24, 2017 at 1:30 P.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or Phase II engineering services are required for various projects throughout the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I work, if required, may consist of conducting surveys, utility coordination, hydraulic survey/analysis, conducting geometric studies and reviews, preparing Type, Size and Location (TS&L) plans, preparing Bridge Condition Reports, geotechnical studies which include preparing Structure Geotechnical Reports, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, crash analysis, development of alternative alignments, environmental studies and coordination, infrared testing of bridge decks and other related work and exhibits necessary to produce the Project Report, as necessary. This work could include amending and/or updating existing Project Reports.

Projects may include public involvement. Public involvement may include coordinating and leading informational meetings and public hearings, preparing exhibits for meetings and hearings, Context Sensitive Solutions (CSS) duties and evaluating and incorporating comments from those meetings into a report.

Phase II work, if required, may consist of geometric studies, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

All work prepared by the Consultant must be compatible with department software and readily duplicated on department hardware. All files produced during the course of this contract are the property of the department and must be provided in the appropriate electronic format for the department's files and for possible future use.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, crash statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, location design reports, and other information deemed applicable to the Consultants work.

The Consultant's Statement of Interest will be weighted on:

Rating Description	Weight (%)
Past Performance in Project Categories	25
Proposed Staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE Use	5

Rating Description -- Continued	Weight (%)
Available work capacity of firm	10
The firms experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$750,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The Geotechnical Services (SGR) prequalification category(s) may be completed by the Prime and/or Sub.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The Statements of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's' key personnel listed in the SOI. Do not include more than 10 relevant projects.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads & Streets)

Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

25. **Job No. P-98-070-17, Various Land Surveying Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires **24% DBE** participation, or if the contract goal is not met, documented evidence of good faith.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 21, 2017 at 9:00 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Land surveying services are required for various projects in District Eight. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or Metric units.

The Consultant's work is anticipated to consist of performing land surveying services for Land Acquisition projects. This may include land surveying to reference the highway centerline to public land lines, to locate boundaries, for record research, preparation and recording of monument records, preparation of legal descriptions, preparation of Freeway Orders, preparation of various plats and maps including: Statutory Plat of Highways, existing right of way survey plats or maps, centerline plats, corridor protection maps and excess right of way parcel plats. The Consultant's work may include right of way staking. The work performed shall comply with the Department's Land Acquisition Manual and with District Eight's standards, guidelines, and procedures.

The Consultant's work may include performing route surveys, hydraulic surveys, topographic surveys, horizontal and vertical control surveys for highway design projects in District Eight. The work performed must comply with the Department's and District's standards and guidelines.

The Consultant's work may also include performing Land Survey Project Management at the District Eight Office in Collinsville. The Consultant's work as a Land Survey – Project Manager may include the management and review of right of way survey projects prepared by other Consultants for the department.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

The department will provide alignment data, title commitments, former construction plans, existing right of way information, and proposed right of way requirements for each project, when available.

The Consultant's Statement of Interest will be rated on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$400,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of the project manager for all aspects of the work documents must be a licensed Illinois Professional Land Surveyor.
- The person who will be in direct supervision and control of the land survey work must be a licensed Illinois Professional Land Surveyor.
- The person who will perform the QC/QA review work of all milestone submittal documents must be a licensed Illinois Professional Land Surveyor with adequate experience.
- The person who the firm plans to assign in the District Eight Office as the Land Survey Project Manager (must be an Illinois Licensed Professional Land Surveyor). This person must be experienced in the use of Microstation and the preparation of Plat of Highways and legal descriptions for District Eight.

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

26. Job No. P-98-007-17, I-64 under IL 111 in Washington Park in St. Clair County, Region Five/District Eight.

This project may contain Federal Funds.

This project requires **19% DBE** participation or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 25, 2017 at 10:00 A.M.** at the Region Five/District 8 offices in Collinsville.

Phase I services are required to perform preliminary engineering and environmental studies associated with the replacement of the structure carrying IL 111 over I-64, 1.3 miles west of I-255 in Washington Park. This project is anticipated to require a full structure replacement and interchange reconstruction, with a profile increase to improve the vertical clearance.

Phase I engineering services are required to complete a Project Report including a detailed environmental summary. Specific tasks include, but are not limited to, data collection, mosaics, route survey (IDOT will provide aerial mapping to supplement route survey), land surveys, environmental coordination and analysis associated with a categorical exclusion type project, location drainage study, geometric studies, preliminary plan, profile, and cross section work, crash analysis, traffic management plan, Intersection Design Study, public involvement associated with a Context Sensitive Solutions project, Bridge Condition Report, Access Justification Report, and all other work necessary to produce a Project Report for Design Approval.

The following structure, S.N. 082-0166 (IL 111 over I-64), is included in this project.

The department will furnish the Consultant with available as-built plans, microfilm plans, existing and projected 20-year traffic data, field notes, crash statistics, agency coordination, existing right-of-way plans as available, utility coordination and correspondence; and archaeological, historical, biological surveys as well as hazardous waste coordination, and any other available information.

The Consultant's Statement of Interest will be rated on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$22,000,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology. Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.
- The person(s) who will be in charge of surveys (must be an Illinois Licensed Land Surveyor).

Statements of interest must also provide a brief outline of proposed procedures to be used to accomplish the project objectives stated.

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than 10 applicable projects.

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies – Reconstruction/Major Rehabilitation

Structures – (Highway: Typical)

Special Services (Surveying)

The prime Consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented in your most recently approved Statement of Experience and Financial Condition or your firm may use a single subconsulting firm prequalified in **Environmental Reports (Environmental Assessment)** to perform all of the environmental work. The subconsultant's

staff must be the same as presented in their most recently approved Statement of Experience and Financial Condition.

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

27. **Job No. C-98-048-17, Various Construction Inspection Projects, Various Routes, Various Counties, Region 5/District 8.**

This project requires **22% DBE** participation or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants who the prime Consultant will be using are scheduled to attend a negotiation meeting **August 03, 2017 at 10:00 A. M.** at the Region 5/District 8 office in **Collinsville**.

Phase III engineering services are required for construction inspection, supervision, engineering layout, material testing, and record maintenance throughout District 8. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will furnish the Consultant with the construction plans and specifications.

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. The Resident Engineer will direct/coordinate the activities of the Consultant staff. The Consultant may be required to furnish a liaison Resident Engineer to work directly with the IDOT Resident Engineer and provide staff to perform the engineering services required for these projects or provide staff to supplement the department's staff. The Consultant's work force shall be adequate to allow completion of these projects in a timely manner and in accordance with the Department's Standard Specifications for Road and Bridge Construction. The Consultant may be required to furnish all of the construction supervision, engineering layout, on-site inspection, maintenance of records and documentation, and perform other duties as directed by the engineer.

The Consultant will provide tools of the trade. The Consultant will perform on-site inspection and provide construction layout as directed by the engineer. The Consultant will also maintain records and documentation and perform any other duties as directed by the engineer to complete this project on a timely basis in accordance with the Department's Standard Specifications for Road and Bridge Construction.

The Consultant may be required to furnish a laptop computer equal to the latest type used by Region 5/District 8 for each project. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer.

It is anticipated one or more persons from the Consultant will be required to conduct his/her work at construction job sites located within the boundaries of District 8 between 3 to 5 days per week. The Consultant may be required to conduct his/her work at the materials laboratory located at the District 8 Office, 3 to 5 days per week.

Qualified QC/QA engineers and inspectors may be required at the site of the Material Section and/or Construction Section as requested by the department, as well as, at off-site plants and locations at all times when required by the Contractor's operations so adequate sampling for inspection and testing can be performed in a timely manner on each contract item to determine acceptance of the work in compliance with the contract plans and specifications and the standard practices of the department.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's statement of interest will be rated on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	10
Available work capacity of firm	15
The firm's experience in the specific district with required project work	15
Firm's understanding/method of accomplishing project requirements	15

The estimated construction cost of these projects may range from \$500,000 to \$5,000,000. The Consultant must complete and submit final measurements, calculations, and contract record documentation to the Department no later than six (6) weeks after completion of each project as required. All records, including one set of prints showing recorded changes from the contract plans, will be submitted to the Resident Engineer and become the property of the department.

The estimated engineering fee for this project is \$500,000. The various projects are scheduled for construction during the 2017 through 2021 construction seasons. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The Liaison Resident Engineer, the person responsible for supervising the Consultant's staff inspection, testing, and documentation of the project, including compiling and maintaining construction survey books, performing computations, completing field reports, generating progress and final estimates, engineering layout, maintaining records and other duties as directed.
- The Materials Coordinator, the person must have current certification for Hot Mix Asphalt - Level 1 Technician (CET 029) and /or Portland Cement Concrete (CET 030) as needed for materials being inspected. Include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)
- Concrete/Bituminous Proportioning Technicians must have specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- Nuclear density inspectors, include evidence of appropriate QC/QA density training.

- The Survey Chief.

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered for this project.

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

28. **Job No. P-98-078-17/D-98-078-17, Phase I and/or II work for Various Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **August 2, 2017 at 10:30 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or II engineering services are required for various projects in District Eight. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, and hydraulic analyses, geometric studies, preparing TS&L plans, preparing Bridge Condition Reports, and preparing Project Reports (Categorical Exclusion projects only). This work will include data collection, cost estimates, traffic management analysis, accident analysis, infrared testing of bridge decks, Bridge Condition Reports and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, hydraulic analyses, geometric studies, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of bridge repair, bridge rehabilitation, and/or bridge replacement and resurfacing type projects, including interstate resurfacing.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs and other information deemed applicable to the Consultant's work.

The Consultant's work may also include QC/QA plan reviews of pre-final contract plans, developed by others, with an emphasis on constructability.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Available work capacity of firm	15
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$750,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). The required hydraulic prequalification category may be completed by prime and/or sub.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The Surveying prequalification category may be completed by prime and/or sub.
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The required geotechnical prequalification category may be completed by prime and/or sub.
- The person who will perform the Computer Aided Drafting must have 3-5 years' experience using Microstation and Geopak in a Civil Drafting environment, proficient in evaluating and editing tin models and a working knowledge of Excel and Word.
- The person who will perform/supervise the pre-final contract plan reviews of plans developed by others (resume must indicate a background with adequate plan review experience with an emphasis on constructability).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Structures (Highway: Typical)
Location/Design Studies (Reconstruction/Major Rehabilitation)

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

29. **Job No. D-98-085-17, Various Utility Coordination Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires **20% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **July 25, 2017 at 10:30 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I & II engineering services are required for utility coordination projects throughout District 8. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss scope and negotiate. The Consultant, authorization to proceed, shall commence work within 10 calendar days. The Consultant may be required to conduct work in the District 8 office supplementing district staff.

These services may consist of coordination with the utility companies whose facilities are affected by the highway projects and are expected to include, but is not limited to the following tasks:

- Review IDOT's construction plans for areas of utility conflict where adjustments/relocations are needed.
- Provide a copy of IDOT's construction plans to the utility companies accompanied with an information letter and coordinate with utility companies to assist in plan preparation.
- Verify and record the horizontal location of each aerial and underground utility facility within the proposed construction limits. Also, verify and record the vertical location of each underground utility requiring lowering or relocation due to the improvement.
- Review plans and estimates furnished by the utility company for the most economical method of relocating the utilities.
- Check plans and estimates of cost from the utility company and coordinate with the utility company for revisions if needed.
- Forward a copy of the reviewed and accepted plans and estimates of cost to the district. A copy of the plans and estimates are required minimum of 5 months prior to the job letting.
- Provide to the District a completed "Status of Utilities to be Adjusted" sheet with the estimated dates of completion for each utility. This document is to be provided to the District a minimum of 14 days prior to the Plans, Special Provisions, & Estimates (PS & E) date for the letting for the improvement.
- Check plans, estimates and other data provided by the utility required for preparing a reimbursable utility adjustment, if needed.
- If the utility adjustment is constructing on ROW, then a permit is required, the permit is prepared by the department. The utility company is responsible for obtaining the permit from the department. The Consultant will be responsible for the review of the proposed adjustment to insure the adjustment does not conflict with IDOT's proposed improvement.
- The Consultant may be asked to review and inspect utility permits as part of the daily operation of the department.

- Monitor and inspect any utility adjustments in the field to assure the adjustments are in accordance with the approved adjustment plan and when necessary, coordinate with the utility to identify and correct problems as they occur.
- Field check adjustments and verify the adjustments do not conflict with the proposed improvement.
- Schedule and coordinate the adjustments to be completed before the contractor is to start construction (10 days after the execution of the contract).
- Records should be kept of manpower, equipment, and materials used on reimbursable utility relocations.
- Review for accuracy all bills submitted by the utility companies for reimbursement. Work with the utilities to obtain a bill reflecting appropriate charges and submit the bill with your recommendations to department for payment.
- It will be required to attend field checks and preconstruction meetings for each section. Also, once the utility companies have received the plans and start submitting proposals, biweekly meetings may be required to discuss the job status.

The department will furnish the Consultant with any available final plans, as-built plans, microfilm plans, field notes, existing right-of-way plans, boring logs and other information.

The Consultant will be required to prepare the utility coordination portion of these plans using Microstation and Geopak software that is utilized by the Department and capable of translating to the Department's system in accordance with "CADD Roadway Drafting Reference Guide" and current Electrical Data Transfer Standards. Complete files, design and Geopak, will be required and the existing information will be furnished in this format if available.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	5
Available work capacity of firm	5
The firm's experience in the specific district with required project work	30
Firm's understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$400,000. The completion date for this contract will be 60 months after authorization to proceed.

The key personnel listed on **Exhibit A** for this contract must include:

- The person who will assume the duties of Project Manager for all the aspects of work, (must be an Illinois licensed professional engineer)
- The person who will assume the duties of Project Coordinator directly involved in the management of each work order project, (must be an Illinois licensed professional engineer.)

The prime firm must be prequalified in the **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest must include satisfactory experience demonstrated in the activities required for this work by the firm and its staff presented in their Statement of Interest.

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

30. **Job No. P-98-080-17, Various Land Surveying Projects, Various Routes, Various Counties, Region 5/District Eight.**

This project requires **24% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 21, 2017 at 10:30 A.M.** at the Region 5/District Eight Office in **Collinsville**.

Land surveying services are required for various projects in District Eight. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or Metric units.

The Consultant's work is anticipated to consist of performing land surveying services for Land Acquisition projects. This may include land surveying to reference the highway centerline to public land lines, land surveying to locate boundaries, record research, preparation and recording of monument records, preparation of legal descriptions, preparation of Freeway Orders, preparation of various plats and maps including: Statutory Plat of Highways, existing right of way survey plats or maps, centerline plats, corridor protection maps and excess right of way parcel plats. The Consultant's work may include right of way staking. The work performed shall comply with the Department's Land Acquisition Manual and with District Eight's standards, guidelines, and procedures.

The Consultant's work may include performing route surveys, hydraulic surveys, topographic survey, and horizontal and vertical control surveys for highway design projects in District Eight. The work performed must comply with the Department's and District's standards and guidelines.

The department will provide alignment data, title commitments, former construction plans, existing right of way information, and proposed right of way requirements for each project, when available.

The Consultant's Statement of Interest will be rated on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of the project manager for all aspects of the work documents must be a licensed Illinois Professional Land Surveyor.

- The person who will be in direct supervision and control of the land survey work must be a licensed Illinois Professional Land Surveyor.
- The person who will perform the QC/QA review work of all milestone submittal documents must be a licensed Illinois Professional Land Surveyor with adequate experience.

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

31. **Job No. P-98-091-17, Various Land Surveying Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires **24% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 21, 2017 at 1:30 P.M.** at the Region Five District/Eight Office in **Collinsville**.

Land surveying services are required for various projects in District Eight. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or Metric units.

The Consultant's work is anticipated to consist of performing land surveying services for Land Acquisition projects. This may include land surveying to reference the highway centerline to public land lines, land surveying to locate boundaries, record research, preparation and recording of monument records, preparation of legal descriptions, preparation of Freeway Orders, preparation of various plats and maps including: Statutory Plat of Highways, existing right of way survey plats or maps, centerline plats, corridor protection maps and excess right of way parcel plats. The Consultant's work may include right of way staking. The work performed shall comply with the Department's Land Acquisition Manual and with District Eight's standards, guidelines, and procedures.

The Consultant's work may include performing route surveys, hydraulic surveys, topographic survey, and horizontal and vertical control surveys for highway design projects in District Eight. The work performed must comply with the Department's and District's standards and guidelines.

The department will provide alignment data, title commitments, former construction plans, existing right of way information, and proposed right of way requirements for each project, when available.

The Consultant's Statement of Interest will be rated on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
The firm's experience in the specific district with required project work	20
Firm's understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of the project manager for all aspects of the work documents must be a licensed Illinois Professional Land Surveyor.

- The person who will be in direct supervision and control of the land survey work must be a licensed Illinois Professional Land Surveyor.
- The person who will perform the QC/QA review work of all milestone submittal documents must be a licensed Illinois Professional Land Surveyor with adequate experience.

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

32. **Job No. R-99-010-17 Various Surveys, Various Routes, Various Counties, and Survey Project Management, Region Five/District Nine**

This project requires **24% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using is scheduled to attend a negotiation meeting on **July 21, 2017 at 9:00 A.M.** at the Region Five/District Nine Office in **Carbondale**.

Phase I/II surveying services are required for various design and land acquisition projects throughout District Nine. Work Orders under the blanket agreement will be negotiated and authorized on an as-needed basis.

The department will provide any existing plans, R.O.W. documents, or other pertinent data required for the completion of individual projects.

The Consultant Project Manager (PM) will supervise, manage, and direct field crew and office personnel in the completion of survey work. The PM and their staff will be expected to perform work similar to an IDOT Chief of Surveys and/or Plats & Plans Supervisor. The PM and their staff will be expected to perform the work in the district offices. The PM will sign plats prepared under supervision, as well as, in-house time keeping records.

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The firm's experience in the specific district with required project work	25
Firm's understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$100,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor.)
- The person who will be in charge of Surveys (must be an Illinois Licensed Professional Land Surveyor)
- The person who will be in charge of Quality Control (must be an Illinois Licensed Professional Land Surveyor).

The prime firms must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

33. Job No. D-99-047-17, Various Phase I and/or Phase II Projects, Various Routes, Various Counties, Region Five/District Nine.

This project requires **20% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend the scope of services meeting on **July 26, 2017 at 10:00 A.M.** at the Region Five/District Nine Office in **Carbondale**.

Phase I and /or Phase II engineering services are required for various projects throughout the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, location/drainage studies, geometric studies, Bridge Condition Reports, Hydraulic Reports, Structure Geotechnical Reports, Type, Size and Location (TS&L) plans, Intersection Design Studies (IDSs), and Project Reports (categorical exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, geometric studies, traffic studies, drainage studies, geotechnical analysis, subsurface exploration and laboratory testing, and all other related work required to produce the necessary Phase I documents and reports. Work may also include analysis of different types of equipment, software and communication devices needed to implement an Automated Traffic Signal Performance Measures System.

Phase II work, if required, may consist of conducting land surveys, structure plans, roadway plans, drainage, geometric plans, geotechnical analysis, subsurface exploration and laboratory testing, traffic staging plans, temporary and permanent erosion control plans, plats and legal descriptions for Right-of-Way acquisition, and any other related work required to complete plans, specifications and estimates as necessary. Work may also include plan preparation for an Automated Traffic Signal Performance Measures System.

The various proposed projects may consist of simple patching and resurfacing, Interstate patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, traffic signal improvements and/or new roadway projects.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, a preferred Automated Traffic Signal Performance Measures system study, and other information. If needed a completed study recommending a preferred Automated Traffic Signal Performance Measures system will be provided.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	25
Proposed Staffing from Prime and any Subconsultants	25
Proximity to firm to project location	5
Proposed DBE use	5

Rating Description –Continued	Weighted %
Available work capacity of firm	5
The firms experience in the specific district with required project work	25
Firms understanding/method of accomplishing project requirements	10

The Consultant’s work may consist of either complete projects or a portion of the total engineering required for a certain project. The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibits A** and **B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of land and route surveys (must be an Illinois Licensed Professional Land Surveyor). The surveying prequalification category may be completed by Prime and/or subconsultant.
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The required geotechnical prequalification category may be completed by Prime and/or subconsultant.
- The person who will perform the Computer Aided Drafting must have 3-5 years’ experience using MicroStation and Geopak in a Civil Drafting environment, proficient in evaluating and editing tin models and a working knowledge of Excel and Word.
- The person who will perform/supervise the pre-final contract plan reviews of plans developed by others (resume must indicate a background with adequate plan review experience with an emphasis on constructability).
- A person who understands state-of-the-art of modern traffic signal systems, including knowledge of traffic signal hardware, traffic control equipment, vehicle detectors, traffic signal control strategy, and communication equipment (resume must indicate a

background that has adequate experience). The traffic signals category may be completed by Prime and/or Sub.

The prime firm must be prequalified in the following categories to be considered for this project.

Highways (Freeways)

Structures (Highway: Typical)

Location/Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

34. Job No. D-99-036-17, Phase I/Phase II work for Various Projects, Various Routes, Various Counties, Region Five/District Nine

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 25, 2017 at 10:00 A.M.** at the Region Five/District Nine office in **Carbondale**.

Phase I and/or II engineering services are required for the preparation of Phase I Project Reports, Bridge Condition Reports, Hydraulic Reports, TS&L's, Structure Geotechnical Reports and the preparation of preliminary and final contract plans for roadway projects and replacement, rehabilitation or repair of various structures within the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I engineering services the Consultant's work may include, but is not limited to, data collection, Bridge Condition Reports, Hydraulic Reports, Structure Reports, Structure Geotechnical Reports, type, size and location drawings, ground and hydraulic surveys, cost estimates, right of way information, environmental consequences and related work necessary to produce Project Reports for bridge or roadway projects.

Phase II work may include preparation of pre-final and final construction plans for bridge or roadway projects.

The department will furnish traffic data, accident statistics, existing right-of-way plans, foundation borings where required, available as-built construction plans, one benchmark at each existing structure and a staked centerline of existing roadway.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	25
Proposed Staffing from Prime and any subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The firms experience in the specific district with required project work	25
Firms understanding/method of accomplishing project requirements	10

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The estimated engineering fee for this project is \$1,200,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). Location drainage and/or Hydraulics prequalification category requirements may be completed by Sub and/or Prime
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). Surveying prequalification category requirement may be completed by Sub and/or Prime.

The prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)

Structures (Highway: Typical)

Highways (Roads and Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

35. Job No. D-60-033-18, Various Statewide Sign Structure Inspection Projects, Various Routes, Various Counties, Statewide, Bureau of Operations.

This project requires **17% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 25, 2017 at 10:00 A.M.** at the Central Bureau of Operations office in **Springfield**.

Engineering services are anticipated to consist of planning, organizing and performing detailed structural inspections on simple aluminum span trusses, aluminum cantilever trusses, Vierendeel type steel span trusses, Vierendeel type steel cantilever trusses and bridge mounted sign structures. The number of overhead sign structures to be inspected is approximately 240. The detail structural inspection shall include rating of all components, evaluation of conditions and preparation of an inspection report including a prioritized summary of repairs. The use of ultra-sonic testing equipment to spot check the wall thickness of end supports for aluminum trusses and the chords for Vierendeel steel trusses will be required. Precise GPS coordinates of the structures will be required. Work Orders, by district, under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant shall provide all manpower, equipment, vehicles, materials, and the appropriate traffic control for each structure to satisfactorily complete the work. The work shall be done in accordance with the Sign Structure Inspection Manual, the Manual on Uniform Traffic Control Devices, Inspection and Maintenance of Ancillary Highway Structures (FHWA-NHI-130087), and any department policies or procedures governing the work. Except when otherwise permitted by the Engineer, trusses shall be inspected by mounting them from the shoulder. This will require shoulder closure in accordance with Highway Standards 212-701101-04 or 212-701106-02 and as directed by the Engineer. Freeway lane closures for truss inspection shall be kept to a minimum and will only be permitted by the Engineer on a case by case basis where roadway geometry, traffic and other conditions dictate.

The inspector should have basic knowledge of sign truss nomenclature, experience in structural inspection, and be able to read and interpret shop drawings, be physically able to work at heights, operate an automatic camera and other specialized testing equipment. The Consultant should have a licensed Structural Engineer who has the expertise in welding and weld details on sign structures and is capable of making recommendations on structural repairs.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	30
Proposed Staffing from Prime and any subconsultants	15
Proximity of firm to project location	8
Proposed DBE use	2
Available work capacity of firm	10
The firms experience in the specific district with required project work	15
Firms understanding/method of accomplishing project requirements	20

The estimated engineering fee for this project is \$350,000. The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Professional Engineer.). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

36. Job No. D-60-034-18, District 1 Sign and Tower Structure Inspections, Various Projects, Various Routes, Various Counties, Bureau of Operations.

This project requires **17% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The Complexity Factor for this project is **0.035**.

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 25, 2017 at 1:00 P.M.** at the Harry R. Hanley Building Central Office, Central Bureau of Operations in **Springfield**.

Engineering services are required for the inspection of sign and tower structures and for the collection of data and the development of reports. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

Except when otherwise permitted by the Engineer, trusses shall be inspected by mounting them from the shoulder. This will require shoulder closure in accordance with District 1 Detail TC-17 and as directed by the Engineer. The appropriate traffic control shall be provided for each High Mast Lighting Tower to be inspected. Freeway lane closures for truss inspection shall be kept to a minimum and will only be permitted by the Engineer on a case by case basis where roadway geometry, traffic and other conditions dictate. The Consultant shall request and gain approval from the Illinois Department of Transportation's Expressway Traffic Operations Engineer at www.idotlcs.com twenty-four (24) hours in advance of all daily lane, ramp and shoulder closures and one week in advance of all permanent and weekend closures on all Freeways and/or Expressways in District One. This advance notification is calculated based on workweek of Monday through Friday and shall not include weekends or Holidays. Shoulder closures or partial ramp closures (per TC-17) will not be permitted on weekdays (Monday thru Friday) from 5:00 a.m. to 9:00 a.m. and from 3:00 p.m. to 7:00 p.m. Lane closures are normally not permitted during the day. Exact hours will be determined by the Expressway Traffic Operations Engineer.

Overhead Sign Structures Inspections

Overhead Sign Structures Phase 1, Data Collection is expected to consist of performing a detailed structural inspection of all components of an overhead sign structure.

- The department will typically provide:
 - List of overhead sign structures to be inspected complete with structure inventory number and location.
 - List of district contacts.
 - Sample copy of inspection reports, if needed.
 - Copy of the Illinois Highway Design Standards for Traffic Control, if needed.

The Consultants work is expected to consist of:

- Proposed inspection schedule.
- Progress report effective the 1st of the month, submitted by the 10th with written narratives to discuss work completed the past month and work expected the following month.
- Trained manpower, equipment, vehicles, and materials to complete the detailed inspections and necessary nondestructive testing.

- The appropriate traffic control for each structure is to be inspected.
- Computerized database, compatible with the department's computer programs, for each structure inspected.
- Photographs of typical deteriorated overhead sign structure components.
- Draft copy of a completed overhead sign structure inspection report.
- The necessary equipment to systematically spot check the wall thickness of suspected deteriorated supports.

Overhead Sign Structures Phase 2 – Data Analysis is expected to consist of using the data collected for each overhead sign structure inspected. The Consultant is required to complete the inspection report form, rating all components of the overhead sign structure and evaluating the overall condition of the structure. Also, using the data collected the Consultant is expected to provide a comprehensive report. The report shall prioritize the inspected structures for repair. Two (2) copies of the report, in hard copy and in electronic media, including digital pictures in JPG format, shall be submitted.

All data collected and used in the analysis of the overhead sign structures and a copy of the computer database developed will be given to the department.

High Mast Lighting Tower

High Mast Tower Lighting Phase 1 Data Collection is expected to consist of performing a detailed structural inspection of all components of a High Mast Lighting Tower including foundation. The inspection shall be based on and in accordance with Federal Highway Administration (FHWA NHI 05-036) Guidelines on the Inspection and Maintenance of Ancillary Highway Structures. Inventory data shall be collected which includes date of installation, manufacturer, installation contractor, plate thickness, number of anchor rods, anchor rods diameter, rodent screen/grout pad, tower material, tower coating, type of tower splices, Distance between bottom of leveling nut and top of foundation, light fixtures, camera and miscellaneous attachments etc. Location information and GPS in Latitude and Longitude (decimal degrees) shall be collected in the specified format, and non-destructive tests performed, per listed requirements.

The department will typically provide:

- List of High Mast Lighting Tower to be inspected complete with Tower inventory number and location.
- List of district contacts.
- Sample copy of inspection reports.
- Copy of the Illinois Highway Design Standards for Traffic Control, if needed.
- Templates in electronic form

The Consultants work is expected to consist of:

- Proposed inspection schedule. Work and access must be coordinated with IDOT Electrical Maintenance Contractor.
- A Structural analysis by Structural Engineer and all reports shall be stamped with his/her license.

- A Professional Engineer registered in the State of Illinois who has taken the NHI/FHWA course “Inspection and Maintenance of Ancillary Highway Structures” with five years’ experience to conduct the inspections.
- Progress report effective the 1st of the month, submitted by the 10th with written narratives to discuss work completed the past month and work expected the following month.
- Manpower, equipment, vehicles, and materials to complete the detailed inspections.
- The necessary equipment to spot check the wall thickness and measure each flat side on the tower 2” above base plate and one at 12” from base plate.
- The necessary equipment to perform ultrasonic testing, and conduct an ultrasonic test of all anchor rods.
- A test of suspected welds and deteriorated welds with dye penetrant.
- The appropriate traffic control per IDOT Traffic Control specifications for each High Mast Lighting Tower to be inspected.
- Excel database, on a Windows based platform or as approved by the Engineer, for all Towers inspected. To facilitate reporting and prioritization of repairs. Database shall be developed that will allow printed reports that prioritize needed repairs and /or maintenance. File folders with all hard copy of the forms filled out, completed records and documentation for each tower with photographs stamped by a structural Engineer. Including a PDF file of each lighting tower, with the location and tower decal number submitted on a CD.
- Digital photographs of deteriorated High Mast Lighting Tower components; Identified by tower location and decal number shall be linked / tagged to the database.
- Draft copy of a completed High Mast Lighting Tower inspection report.
- A handheld mapping grade GPS device shall be used for the data collection. GPS coordinates of High Mast Lighting Tower, datum to be used shall be North American 1983. Prior to the collection of data, the contractor shall provide a sample data collection of at least six data points of known locations to be reviewed and verified by the Engineer to be accurate within 3 feet. The receiver shall support differential correction and data shall have minimum sub-meter accuracy after post processing. The device may also utilize Differential GPS to obtain the specified accuracy. Upon verification, data collection can begin.

GPS receivers integrated into cellular communication devices, recreational and automotive GPS devices are not acceptable. The GPS shall be the product of an established major GPS manufacturer having been in the business for a minimum of 6 years. The manufacturer and model of the GPS device shall be identified as well as any software used on the device and in post processing.

Using the data collected for each High Mast Lighting Tower inspected the consultant shall complete the inspection report form, rating all components and evaluating the overall condition of the High Mast Lighting Tower. The rating shall show reliability as good, fair, poor, and critical as specified under FHWA.

Using the data collected, a comprehensive report shall be prepared. The report shall prioritize the inspected High Mast Lighting Tower for repair. Two (2) copies of the report, in hard copy and in electronic media, shall be submitted with the templates provided by IDOT with all fields filled out and completed for each tower.

- All data collected and used in the analysis of the High Mast Lighting Tower and a copy of the computer database developed will be given to the department.

- The GPS shall be included in the report and shall be provided separately in an electronic format that shall be compatible with MS Excel. Latitude and Longitude shall be in decimal degrees with a minimum of 6 decimal places.
- The report shall provide recommendations for repair; time-frame and priority rating of the repair for each component any critical repairs required must be clearly identified.
- A summary report/letter shall be provided with required maintenance recommendations for all High Mast Lighting Tower inspection and analysis.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	30
Proposed Staffing from Prime and any subconsultants	15
Proximity of firm to project location	8
Proposed DBE use	2
Available work capacity of firm	10
The firms experience in the specific district with required project work	15
Firms understanding/method of accomplishing project requirements	20

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 12 months after authorization to proceed.

Key personnel listed on **Exhibit A** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

37. **Job No. D-60-031-18, Traffic Signal Coordination and Timing (SCAT), Various Projects, Various Routes, Various Counties, Districts Two, Three, Four, and Five, Bureau of Operations.**

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants, the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 26, 2017 at 1:00 P.M.** at the Central Bureau of Operations office in **Springfield**.

Engineering services are required to ensure signal optimization is achieved at various isolated traffic signal and traffic signal system locations within Districts 2, 3, 4, and 5. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant's work is anticipated to include accomplishment of one or more of the following tasks for each selected location:

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.
- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

The department will furnish manuals, plans, and any other available information.

The Consultant shall be prepared to provide technical assistance on signal coordination issues at the department's request.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	30
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	10
Available work capacity of firm	10
The firm's experience in the specific district with required project work	15
Firm's understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans;
- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments;
- The person who will conduct the evaluation of the optimization plans; and
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed traffic signal system coordination and timing projects done in the last five years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the **Special Studies: Signal Coordination & Timing (SCAT)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

38. **Job No. D-60-032-18, Traffic Signal Coordination and Timing (SCAT), Various Projects, Various Routes, Various Counties, Districts Six, Seven, Eight, and Nine, Bureau of Operations.**

The **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants, the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 26, 2017 at 10:00 A.M.** at the Central Bureau of Operations office in **Springfield**.

Engineering services are required to ensure signal optimization is achieved at various isolated traffic signal and traffic signal system locations within Districts 6, 7, 8, and 9. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant's work is anticipated to include accomplishment of one or more of the following tasks for each selected location:

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.
- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

The department will furnish manuals, plans, or any other available information.

The Consultant shall be prepared to provide technical assistance on signal coordination issues at the department's request.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	30
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	10
Available work capacity of firm	10
The firm's experience in the specific district with required project work	15
Firm's understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel on **Exhibit A** for this project must include:

- The person who will assume the duties of the Project Manager for all aspects of the work documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents, must be an Illinois Licensed Professional Engineer;
- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans;
- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments;
- The person who will conduct the evaluation of the optimization plans; and
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed traffic signal system coordination and timing projects done in the last five years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the **Special Studies: Signal Coordination & Timing (SCAT)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

39. **Job No. D-30-001-17, Program Manager (PM) HS&PR in Illinois, Various Counties, Central Bureau of High Speed & Passenger Rail.**

This project contains federal funds.

This project requires **15% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 26, 2017 at 11:00 A.M.** at IDOT-Bureau of Rail, 69 West Washington Street, Suite 2100 in **Chicago**.

Phase I, II & III, rolling stock procurement, and maintenance oversight services are required for high speed and passenger rail programs in Illinois, primarily the Chicago to St. Louis corridor. The Consultant Program Manager (PM) will manage various projects, which are under contract with other Consultant engineering firms. Work orders under the blanket agreement will be negotiated and authorized on an as-needed basis. All work for this project may be in either English or metric units.

Teaming Agreements will not be allowed on this project.

The PM will be expected to oversee and/or perform work similar to an IDOT Section Chief & staff. The scope of work needed may include, but is not limited to:

- Oversight of rolling stock procurement for the Illinois High Speed Rail (HSR) Program and other participating states;
- Environmental analysis, preliminary engineering, final design, and construction oversight of railway at grade crossings, track, and track structures along the Chicago – St. Louis High Speed Rail Corridor;
- Oversight of the implementation of the host railroad's communications and control system, or Positive Train Control (PTC);
- Initial organization and protocol development of track maintenance oversight of the corridor wide improvements.

The work anticipated under this program may include, but not be limited to, contracting, environmental, financial, system standards and integration, program execution (track/signal, structures/equipment coordination), enterprise management, Federal Railroad Administration (FRA) grant administration and closeout, and any other work required to complete the contract.

The Consultant and/or their subconsultants on the project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm

and/or their subconsultant may not manage another firm if the relationship was reversed during another phase of work.

At the negotiations meeting, the Consultant, and subconsultant(s) will disclose all current relationships with contractors.

The department will make available all applicable IDOT/Illinois Commerce Commission (ICC)/FRA/Railroad procedures, standards and specifications, and any other available applicable data.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed Staffing from Prime and any subconsultants	5
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firms experience in the specific district with required project work	10
Firms understanding/method of accomplishing project requirements	25
Project Specific Criteria: Experience and Expertise in FRA Grant Administration, Railroad Coordination, Positive Train Control (PTC), Track Maintenance, Construction Oversight, and Rolling Stock Procurement	30

The estimated engineering fee for this project is \$10,000,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel listed on **Exhibits A & B** for this project must include with complete resumes:

- The person who will assume the duties of Program Manager for all aspects of the work documents. (Include applicable railway experience and experience in managing FRA funded construction projects in excess of \$1 Billion is desirable).
- The person who will assume the duties of Program Engineer, that individual in charge who is directly involved in the devolvement of the program projects, (must be an Illinois Licensed Professional Engineer). Provide proof of design oversight of rail projects and rail construction management.
- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and the persons responsible for all environmental disciplines including socio-economics/community impacts, ecology, noise and water quality, public Involvement, and technical writing. Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition. For Lead, provide FRA NEPA document compilation experience at Categorical Exclusion (CE), and Environmental Assessment (EA) level.

- Lead Train Equipment Manager – provide evidence of United States HSR equipment design coordination involvement.
- Program Controls Lead – demonstrate controls oversight expertise of projects in excess of \$1 Billion. For Lead, include federal grant administration and audit experience.
- Quality Control Manager for programs – provide list of federally accepted Quality Plans and perform all the QA/QC review work for all milestone submittals & include all applicable railway experience.
- Lead Track/Bridges Engineer – Must be an Illinois Licensed Professional Engineer with Class I railway experience with proper safety training.
- Lead Grade Crossing Engineer – provide evidence of ICC HSR design knowledge.
- Lead Signals/Communications Manager – provide evidence of PTC (non-Vital and Vital systems) and Cab Signal expertise.
- Lead Maintenance Manager - Provide evidence of Class I railway track maintenance program development and oversight;
- Contracts/Policies Manager – provide evidence of federal, municipal, and railroad contract negotiations that led to a executed contract
- Lead Construction Manager – provide evidence of railroad construction oversight experience with Class I railroad construction projects in excess of \$1 Billion
- Public Involvement Manager – provide evidence of FRA related public meetings and hearings, as well as website related public involvement

Statements of Interest must also provide an organizational chart, the approach the firm would take on this project, managing experience, all railway related experience, etc. Statements of Interest must also provide the firm/staff experience in ProjectSolve, MicroStation, ArcGIS, and Primavera software systems.

The prime firm must be prequalified in the following categories to be considered for this project:

Transportation Studies (Railway Engineering)

Special Services (Construction Inspection)

Location and Design Studies (New Construction/Major Reconstruction)

Environmental Reports (Environmental Impact Statements)

Statements of Interest, including resumes (all resumes must include applicable railway experience) of the key people noted above, must be submitted electronically to the Central

**Notice
Consultant Invoicing
11-17-16**

The Department makes every effort to expedite the processing of engineering consultant invoices for payment. However, before the Department can process invoices for payment, the consultant must have a current Certificate of Insurance on file. The insurance requirements are provided in Sections 2.26 and 2.62 of the [Standard Agreement Provisions for Consultant Services](#).

Listed below are possible causes for payment delay:

1. Either no certificate of insurance on file or it has expired.
2. The limits of coverage are insufficient.
3. The failure to show the Department as Additional Insured and Certificate Holder.
4. The failure to provide a 30-day cancellation notice.

The Accord Certificate of Insurance (Form 25) is often used to reflect evidence of insurance coverage. Included on the form should be a statement indicating the Illinois Department of Transportation, its officers and employees are named as an Additional Insured for General Liability. In addition, the Certificate Holder should be shown as:

Illinois Department of Transportation
Bureau of Design and Environment
2300 S Dirksen Parkway
Springfield, IL 62764

Completed Certificates of Insurance should be uploaded into EPAS under the Corporate Details. The certificates should be updated annually with the SEFC renewal and if the certificate expires between renewals, then an Amend to the SEFC is required.

NOTICE

Statements of Interest Rating Criteria in Advertisement

November 10, 2016

There is an addition to the advertisements. To comply with 23 CFR Part 172, Procurement, Management, and Administration of Engineering and Design Related Services the items are required to show the criteria used in the review of the Statements of Interest.

A chart similar to the following will be included for each item on the bulletin. The Rating Description and weighted percent will vary for each item.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	0-30
Proposed Staffing from Prime and any subconsultants	0-30
Proximity of firm to project location	0-10
Proposed DBE use	
The firms experience in the specific district with required project work	0-30
Firms understanding/method of accomplishing project requirements	0-30
Specific project information, not covered by the descriptions above	0-30



Illinois Department of Transportation

STTP S-33 Soils Field Testing and Inspection Course

Course Objectives: This course prepares construction and materials personnel with the basic skills and guidance to properly perform field testing and inspection of subgrade, embankment, and shallow foundations for various structures. This course also describes common geotechnical problems and the remedial actions generally used to correct them.

Upon successful completion of the course, students should be able to:

- Determine the field moisture content along with the in-situ wet and (corresponding) dry densities
- Use the Family of Curves and One Point Proctor to determine the Standard Dry Density (SDD) and Optimum Moisture Content (OMC) of a given soil
- Determine percent compaction and percent of OMC
- Determine soil stability and strength in the field using a Static and Dynamic Cone Penetrometer
- Properly inspect embankment construction
- Check roadway subgrades and determine undercut and treatment depths
- Perform inspection and soil testing to verify or establish the adequacy of foundation material for box culverts and shallow structure foundations

Successful completion of this course meets consultant eligibility requirements for Department prequalification.

Course Materials: [Soils Field Testing and Inspection: Course Reference Manual](#)

If an updated version is available it will be provided in class.

Students will need to bring a pencil, calculator and note pad with them.

Enrollment: Please have one coordinator from your company contact Mr. Jody Meador at 217-782-0553 or preferably by email at Jody.Meador@illinois.gov to enroll students in a class. **Each student will be put on a waiting list for the class of their choice.** Two to three weeks prior to class start the student or coordinator will be contacted with confirmation of enrollment. If the student cannot be enrolled in the class, they will be contacted and asked for their second class choice.

There is no fee for this class at this time.

Schedule: Each class is three days. The first day starts at 1:00pm and ends at 4:30pm. The second day starts at 8:15am and lasts until 4:30pm. The third and final day starts at 8:15am and ends around noon. The 2016-17 training schedule is listed below:

Class Dates/Location:

**IDOT District One: Materials Laboratory
101 West Center Court
Schaumburg, Illinois 60196**

- Nov 30 – Dec 2
- Jan 4 – 6
- Mar 29 – Mar 31

**IDOT District Three: “The Starved Rock” Conference Room
700 East Norris Drive
Ottawa, Illinois 61350**

- Mar 22 – 24

**IDOT District Five: Conference Rooms #1 & 2
13473 Illinois Hwy 133
Paris, Illinois 61944**

- Mar 8 – 10

**IDOT District Six: Chastain Conference Room,
126 E. Ash Street
Springfield, Illinois 62704**

- Feb 8 – 10

**IDOT District Seven: Effingham County Emergency Management Building
311 Miracle Drive
Effingham, Illinois 62401**

- Feb 22 – 24

NOTICE Overhead Rates

This is a reminder that consultant firms doing business with the Department should ensure they are using the correct overhead rate type consistent with their accounting practices and the project scope.

The vast majority of consulting firms doing business with the Department have a single, combined overhead (OH) rate for payroll burden, fringe expense rate, and general administrative expense. This OH rate is often referred to as a Combined or Blended rate. However, there is a small percentage of firms who have multiple OH rate types. These multiple OH rate types often include a Home Office Rate, a Field Office Rate and sometimes a Combined Rate.

Firms with multiple OH rate types should ensure they are using the correct OH rate type when completing cost estimates and when invoicing the Department. The OH rate type should be consistent with the firm's accounting practices and should be discussed with the Department's project manager during initial contract discussions and/or meetings.

NOTICE

IDOT Prequalification Letter (5-5-16)

There is an approval letter for each approved SEFC application. The letter is dated with the print date; the body of the letter contains the fiscal year approval date.

If the firm was not approved, there isn't a letter.

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category	Additional Info	Approval Letter
SEFC ID: 1	03/29/2016	12/31/2015	NewSEFC	134.2	APPROVED	View	View	Approval Letter
SEFC ID: 2	11/06/2013	06/30/2012	NewSEFC	0.00	NOT_APPROVED	View	View	NO LETTER
SEFC ID: 3	05/06/2013	12/31/2012	AmendSEFC	137.19	APPROVED	View	View	Approval Letter
SEFC ID: 4	04/11/2013	06/30/2011	AmendSEFC	137.19	APPROVED	View	View	Approval Letter
SEFC ID: ---	04/08/2013	06/30/2012	AmendSEFC	10.00	APPROVED	View	View	Approval Letter

SEFC ID **1** would have a letter stating in the first paragraph: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2015.

The last paragraph in the letter would state, Your firm is prequalified until December 31, 2016. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

SEFC ID **2** would not have a letter, firm was not approved

SEFC ID **3** would have a letter stating in part: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2012.

SEFC ID **4** would have a letter stating in part: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending June 30, 2011.

The IDOT prequalification approval letters:

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending (**date specific to the firm's fiscal year end date**). Your firm's total annual transportation fee capacity will be (**determined as noted in the BDE Manual Chapter 8**).

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling (**Overhead%**) are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Office of Quality Compliance and Review in a pre-award audit.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until (**Fiscal Year + 1 year**). You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

The last paragraph is saying your firm is prequalified for one year based on the firm's fiscal year and to remain prequalified the firm must submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) within 6 months. IDOT is giving the firm time to gather and complete information; we don't expect the firms to be able to submit data immediately. The firm remains prequalified during this six month grace period. Once the data is submitted, either before or on the due date, the firm remains prequalified in the current categories until IDOT reviews a category and makes a determination. If there is not submittal by the due date, the firm is automatically listed as not approved.

NOTICE

List of Prequalified Consultant Firms

May 05, 2016

IDOT provides a listing of prequalified consulting firms on the website; <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

This list is typically updated weekly, and is based on the most recently approved SEFC application.

Information has been added to the website to help clarify:

Prequalification

All engineering, land surveying, and architectural consultants interested in providing services to IDOT, whether as a prime or subconsultant, must be prequalified with the department. IDOT prequalifies architectural and/or engineering consultants in multiple transportation categories of service. Prequalification is based on the firm's and the individual's professional experience and qualification. Annual updates to statements of experience and financial condition must be completed to maintain prequalification status. The process is governed by state Statute ([30 ILCS 535/1](#)).

There are approximately 400 firms prequalified with IDOT that are able to submit statements of interest on engineering, land surveying and architectural project advertisements. Updated every Friday, the [List of Prequalified Consultants](#), [List of Prequalified DBE Consultants](#) and [List of Prequalification Categories without a DBE firm](#), provides the firm name, address, DBE status, contact person, phone number, fax number and prequalified IDOT category or categories. **The list posted is from the firms last approved Statement of Experience and Financial Condition. Firms with information in for review may have additional prequalification categories or may not have all the prequalification categories listed. Firms can track the progress of their Statement of Experience and Financial Condition review by viewing Status Column and the Category Column in EPAS.**

Firms are encouraged to monitor their prequalification status in EPAS.

To check the status of an application and/or view current prequalification, log on to EPAS. In this example, the review of the application has not been completed. The Financial Portion is under review. The review of the requested prequalification categories is complete, note the RANKING_COMPLETE in the Status Column. Once the status column says APPROVED, the entire review is complete.

Vendor Search Results / Details

Vendor: |

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category	Additional Info
SEFC ID:	09/10/2015	12/31/2014	NewSEFC	116.45	RANKING_COMPLETE	View	View
SEFC ID:	08/20/2014	12/31/2013	RenewSEFC	118.52	APPROVED	View	View
SEFC ID:	01/14/2014	12/31/2012	AmendSEFC	117.62	APPROVED	View	View
SEFC ID:	12/05/2013	12/31/2012	AmendSEFC	117.62	APPROVED	View	View
SEFC ID:	07/01/2013	12/31/2012	RenewSEFC	117.62	APPROVED	View	View

At Ranking Complete, SEFC ID 5555, the firm can view their status of the proposed prequalification categories; select View in the Category Column. It will note if your firm is qualified or not qualified.

Vendor: EXAMPLE FIRM

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category
SEFC ID 5555	09/10/2015	12/31/2014	NewSEFC	124	RANKING_COMPLETE	View
SEFC ID 4444	08/20/2014	12/31/2013	RenewSEFC	125	APPROVED	View

Categories

Category	Qualified	Comments
Airports - Design	X-Qualified	
Special Studies - Pump Stations	A-Denied Prequalification	Firm is requ
Special Studies - Feasibility	X-Qualified	
Location Design Studies - Rehabilitation	X-Qualified	
Special Studies - Traffic Studies	X-Qualified	
Location Design Studies - New Construction/Major Reconstruction	A-Denied Prequalification	Firm is requ
Structures - Highway: Typical	X-Qualified	
Special Services - Electrical Engineering	X-Qualified	Only list tra

SOI Applications

PTB Id	Submit Date	Due Date
SOI ID: 179	2/24/2016 5:09:58 PM	02/25/2016
SOI ID: 177	1/27/2015 1:38:00 PM	08/27/2015

Until the SEFC ID 5555 application is approved, the data from the last approved SEFC ID 4444: will show on the website. In this example, the firm was prequalified in Special Studies-Pump Station and the prequalification for the category shows on the website. The firm is not currently prequalified in pump stations and it is not showing on the website because the firm's application is under review. The firm would not be prequalified for the category and would not be considered for items requiring Special Studies – Pump Station.

Categories

Category	Qualified	Comments
Airports - Design	X-Qualified	
Special Studies - Pump Stations	X-Qualified	
Special Studies - Feasibility	X-Qualified	
Location Design Studies - Rehabilitation	X-Qualified	
Special Studies - Traffic Studies	X-Qualified	
Location Design Studies - New Construction/Major Reconstruction	X-Qualified	

Information on website:

EXAMPLE FIRM

ries: Airports - Design,Highways - Freeways,Highways - Roads and Streets,Hydraulic Reports - Waterways: Complex,Hydraulic Reports - Waterw
 Construction/Major Reconstruction,Location Design Studies - Reconstruction/Major Rehabilitation,Location Design Studies - Rehabilitation,S
 - Construction Inspection,Special Services - Electrical Engineering,Special Services - Mechanical,Special Services - Sanitary,Special Studie
 Drainage,Special Studies - Pump Stations,Special Studies - Safety,Special Studies - Traffic Studies,Structures - Highway: Advanced Typical
 Highway: Typical Structures - Mass Transit

If the firm's status is Ranking Process, the prequalification category reviews have not been completed.

In this example, the firm's prequalification status by category remains as is, until IDOT completes the review of the category.

At this point, the firm is prequalified in Location Drainage, and Construction Inspection.

The firm is not prequalified in Sanitary.

For the Reconstruction/Major Rehabilitation, the category has not been reviewed. If they were qualified previously they are qualified, if they were not qualified in the previous submittal then they are not qualified.

SEFC Applications		Categories		
App Id	Application Date	Category	Qualified	Comments
SEFC ID :	07/16/2015	Special Studies - Location Drainage	X-Qualified	
SEFC ID :	08/05/2014	Special Services - Sanitary	A-Denied Prequalification	No experience. Mapping an existing sewer is not designing. We're looking for Sanitary/Storm sewer design within transportation ROW.
SEFC ID :	07/01/2013	Location Design Studies - Reconstruction/Major Rehabilitation		
SEFC ID :	10/30/2012	Special Services - Construction Inspection	X-Qualified	

A reminder to firms, only one active application at a time is allowed. If there are necessary revisions needed while IDOT is reviewing, such as key personnel have left firm, expired insurance, or anything effecting the firms prequalification status send an e-mail explaining the situation. Once IDOT has completed the review, go to EPAS select amend and make the necessary revisions.

NOTICE

UsDOT 1050.2A, Appendix E will be included in all new agreement contracts, including new supplements.

USDOT 1050.2A APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities;

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42U.S.C. §460 I), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.P.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

Navigating the web-site for Engineering Consultant Firms.

This gives a quick overview of the website and locations of data typically used by Consultant Engineering firms.

Most information is located under the Doing Business, Procurements, Engineering, Architectural & Professional Services: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

The screenshot shows the Illinois Department of Transportation website. The header includes the name of the Acting Secretary, Erica J. Borggren, and the Governor, Pat Quinn. The main navigation menu includes 'ABOUT IDOT', 'TRANSPORTATION SYSTEM', 'DOING BUSINESS', and 'TRAVEL INFORMATION'. The page title is 'Engineering, Architectural & Professional Services'. The main content area contains text about the department's need for specialized work and the process of prequalification for firms. A 'Quick Links' section on the right lists: Consultant Resources, EPAS, Highways Procurement Policy Review (HPPR), Industry Marketplace, and Vendor Documents System. A blue arrow points from the 'Quick Links' section to the text below.

Consultant Resources: All the highway standards, specifications etc. These are resources used to create Planning/Project Reports and Plans, Specs and estimates for roads and bridges.

EPAS: The logon Screen

HPPR: Shows for Consultant Agreements, the firm selected, number of firms interested, pertinent dates.

Industry Market Place: provides up to date data for firms related to the industry.

Vendor Documents System: Log on Screen

Erica J. Borggren, Acting Secretary A-Z INDEX FAQ EMPLOYMENT RESOURCES CONTACT HELP Pat Quinn, Governor

Illinois Department of Transportation What are you searching for?

ABOUT IDOT TRANSPORTATION SYSTEM DOING BUSINESS TRAVEL INFORMATION

Home > Doing Business > Procurements > Engineering, Architectural & Professional Services

Engineering, Architectural & Professional Services

Prior to any road or bridge being constructed, the department identifies the need for specialized work in order to complete IDOT's [Multi-Modal Multi-Year Transportation Improvement Program](#). To accomplish the program without appreciably increasing the number of IDOT personnel or performing services for which the department does not have specialized expertise, the department seeks out the services of professional engineering, land surveying and architectural firms.

In order to work for the department in this capacity, firms must first seek prequalification in specialized categories. Once prequalified a firm is eligible to submit a statement of interest on advertised projects. If selected, the firm follows department rules and regulations until fulfillment of the contractual obligation.

Quick Links

- Consultant Resources
- EPAS
- Highways Procurement Policy Review (HPPR)
- Industry Marketplace
- Vendor Documents System

Prequalification Bulletin Statement of Interest Compliance & Admin Stay Connected

Prequalification

All engineering, land surveying and architectural consultants interested in providing services to IDOT, whether as a prime or subconsultant, must be prequalified with the department. IDOT prequalifies architectural/engineering consultants in multiple transportation categories of service. Prequalification is based on the firm's and the individual's professional experience and qualification. Annual updates to statements of experience and financial condition must be completed to maintain prequalification status. The process is governed by state Statute ([30 ILCS 535/1](#)).

There are approximately 400 firms prequalified with IDOT that are able to submit interest on engineering, land surveying and architectural project advertisements. Updated every Friday, the [List of Prequalified Consultants](#) and [List of Prequalified DBE Consultants](#) provides the firm name, address, DBE status, contact person, phone number, fax number and prequalified IDOT category or categories.

Outlined below is information on how your firm can become prequalified, renew their prequalification, and/or add prequalification categories:

▼ Prequalification

1. Review the [Description and Minimum Requirements for Prequalification](#) to select which category or categories best matches the firm's expertise.
2. Request access to IDOT's [Engineering Prequalification and Agreement System \(EPAS\)](#)
Firms new to prequalification with IDOT must request an [EPAS](#) account. EPAS is a web-based database where Statements of Experience and Financial Condition (SEFC) and Statements of Interest (SOI) are submitted electronically to IDOT. To request an account:

Email Carrie.Kowalski@illinois.gov. Indicate your firm's interest in becoming a prequalified engineering consultant and attach the federal form, W-9.

Once an account has been established, [EPAS](#) can be accessed. The [EPAS Instruction Manual](#) is also provided to assist in the navigation of the system.

3. Submit an application: To become Prequalified, the Statement of Experience and Financial Condition (SEFC) must be completed directly in [EPAS](#) and [EPAS](#) will clarify all requirements.
4. Check status of application: Log On to [EPAS](#). Status of application will be displayed.

Prequalification **Bulletin** Statement of Interest Compliance & Admin Stay Connected

Bulletin

IDOT advertises for professional services four times a year via the Professional Transportation Bulletin (PTB) and makes this schedule public via the PTB Schedule (below). The PTB contains information pertaining to the advertisements for offers of interest for professional engineering, land surveying and architectural services for IDOT projects. On occasion, a special bulletin is necessary. Below you will find the active PTB as well as supplementary information. If wishing to review archived bulletins and press releases please navigate to [Resources](#).

- [PTB 174r2](#) (revised 11-20-14)

Negotiation Information

To view the most current negotiation meeting information on particular advertised items please [click here](#). This information has not been finalized and is subject to change. Contact the appropriate District for questions regarding a particular Item.

▼ Tentative PTB Schedule

Activity	Publish PTB	Statements of Interest Due	Selection Meeting
PTB 173	8/7/2014	8/28/2014	10/22/2014
PTB 174	11/6/2014	12/4/2014	1/28/2015



Statement of Interest (SOI)

Engineering, land surveying and architectural firm selections for PTB items are Quality Based. The review of the department's governing state statute ([30 ILCS 535/1](#)) is encouraged.

Firms interested in a project, are required to submit an SOI by the advertised due date to be considered for an advertised project. To submit an SOI:

1. Log on to the [Engineering Prequalification and Agreements System \(EPAS\)](#) and follow the prompts for requirements and review the [EPAS Instruction Manual](#).
2. Complete and upload the following forms to EPAS:
 - [BDE DISC 2 Template](#)
Consultant's Disclosure Statement; Form A, Financial Information & Potential Conflicts of Interest Disclosure; Form B, Other Contracts & Procurements Related Information Disclosure
 - [BDE 2900](#)
Disclosure of Business Operations in Iran

Selection will occur on the date specified in the published PTB.

▾ Things to Keep in Mind While Completing a SOI

Disadvantaged Business Enterprises (DBE) Goal

IDOT strives to maintain an equitable distribution of work for its many business partners. One way to accomplish this is through the department's administration of the federally mandated DBE Program. The DBE program is intended to provide contracting opportunities to small businesses owned and controlled by socially and economically disadvantaged individuals. On most projects a DBE percentage goal is required.

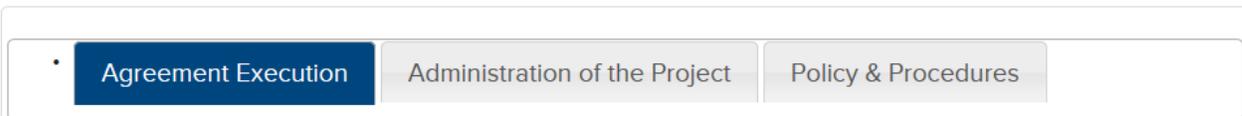
To view the directory of DBE firms that are certified please view the [IL UCP](#) (updated every

Location of forms etc., for use in doing an agreement contract with IDOT



Compliance & Administration

Selected firms will receive the name of the IDOT Project Manager who will be the sole point of contact for the contract. This section of the website organizes all relevant information needed from the following processes.



Agreement Execution

The [Standard Agreement Provisions for Consultant Services \(SAPCS\)](#) are incorporated into the agreement and along with the scope of services, schedule, and cost. The agreement process is initiated after the selection is made in accordance with the Architectural, Engineering and Land Surveying Qualifications Based Selection Act.

For the requirements of a complete agreement proposal package please select the appropriate type of agreement below.



In order to execute an agreement between the selected firm and IDOT, additional requirements are needed before the project can officially begin (or continue).

Prime Agreement:

1. Assemble Proposal Package for a Prime Agreement: The following forms are required to enter into a Prime Agreement with IDOT. All forms are submitted to the assigned Project Manager unless otherwise noted below.

▾ Requirements

- [Direct Cost Check Sheet: BDE 436](#) 
- [Consultant Employee Utilization Form: BDE 2350](#) 
- Cost Estimate of Consultant Services Worksheets (CECS):
 - [Anniversary Cost Plus](#) 
 - [Anniversary Direct Labor Multiple \(2.85\)](#) 
 - [Anniversary Direct Labor Multiple \(2.80\)](#) 
 - [Anniversary Direct Labor Multiple](#) 
 - [Fixed Cost Plus](#) 
 - [Fixed Direct Labor Multiple \(2.85\)](#) 
 - [Fixed Direct Labor Multiple \(2.80\)](#) 
 - [Fixed Direct Labor Multiple](#) 
 - [Escalation Template](#) *
- Draft Narrative of Project Schedule and/or Bar Chart of Project Schedule
- Draft Scope of Work (customized and emailed in Microsoft Word format)
- [Title VI-Nondiscrimination in Federally Assisted Programs: EEO 1981](#) 
- Negotiation Meeting Minutes
- [Prime Subconsultant Agreement](#) **

- Quality Assurance/Quality Compliance Plan

*Submitted to DOT.Escalation@illinois.gov 

**Uploaded to [Vendor Documents Database](#)  once complete proposal package is received by the department and the contract number appears under the contract listing.

▸ Facilities Capital Cost of Money

2. Submit Subconsultant related documentation: The prime firm must upload subconsultant disclosure forms and copies of subconsultant agreements to the [Vendor Documents Database](#)  for each project they have been selected for.

Please note: It is the prime's responsibility to collect and upload prime and subconsultant continuing disclosures forms. These forms should be submitted starting at the end of the fiscal year (June) and should be uploaded by the beginning of the new fiscal year (July). If these requirements are not met the firm's contract will be at risk and will be contacted by the department's Procurement Office.

3. Multi-Year Contract Certification. The Illinois Procurement Code requires that every person who has entered into a multi-year contract and every subcontractor with a multiyear subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible Chief Procurement officer whether it continues to satisfy the certification requirements of Article 50 pertaining to eligibility for a contract award. 30 ILCS 500/50-2. To view the certifications and additional requirements of [Article 50](#) . Please fill out the form below:

- [Continuing Disclosure for Contractors and Subcontractors with Multi-Year Contract](#) 

4. Highway Procurement Policy Review (HPPR): To view active engineering, architectural, professional service agreements, and/or supplemental agreements please navigate to [HPPR](#) .

For Supplemental:

▸ Supplemental Agreement

The following forms are required if an amendment is made to the Prime Agreement and is still within the advertised scope of work.

1. Submit Proposal Package for a Supplemental Agreement: All requirements are submitted to the appropriate Project Manager unless otherwise noted below.

▸ Requirements

▸ Facilities Capital Cost of Money

2. Submit Subconsultant related documentation: The prime firm must upload subconsultant disclosure forms and copies of subconsultant agreements to the [Vendor Documents Database](#)  for each project they have been selected for.

Please note: It is the prime's responsibility to collect and upload prime and subconsultant continuing disclosures forms. These forms should be submitted starting at the end of the fiscal year (June) and should be uploaded by the beginning of the new fiscal year (July).

3. Multi-Year Contract Certification. The Illinois Procurement Code requires that every person who has entered into a multi-year contract and every subcontractor with a multiyear subcontract shall certify, by July 1 of each fiscal year covered by the contract after the initial fiscal year, to the responsible chief procurement officer whether it continues to satisfy the certification requirements of Article 50 pertaining to eligibility for a contract award. 30 ILCS 500/50-2. To view the certifications and additional requirements of Article 50 [click here](#) . Please fill out the form below:

- [Continuing Disclosure for Contractors and Subcontractors with Multi-Year Contract](#) 

4. Highway Procurement Policy Review (HPPR): To view active engineering, architectural, professional service agreements, and/or supplemental agreements please navigate to [HPPR](#) .

Administration of the Project

This section lists all forms that must be submitted by consultants throughout the contract term. Included are forms related to: (1) invoices (2) closing out a project and (3) firm changes.

▼ Invoices

Depending on the type of agreement, please choose the appropriate invoice to bill the department. All invoices are to be submitted to the Project Manager to get processed.

- [Cost Plus Fixed Fee: BDE 430 \(03/29/10\)](#) 
- [Cost Plus Fixed Fee Phase III: BDE 434 I \(12/20/12\)](#) 
- [CPFF with Unit Prices: BDE 433 \(03/29/10\)](#) 
- [Direct Labor Multiplier: BDE 428 \(03/29/10\)](#) 
- [Direct Labor Multiple Phase I & II: BDE 431 \(03/29/10\)](#) 
- [DLM with Unit Prices: BDE 424 \(03/29/10\)](#) 
- [Lump Sum: BDE 426 \(03/29/10\)](#) 
- [Specific Hourly Rate: BDE 427 \(4/06\)](#) 
- [S.U.E. formerly BDE 2545: BDE 429 \(03/29/10\)](#) 

▶ Firm Changes

▶ Closing out a Project

Stay connected allows firms to sign up or opt out of receiving data regarding Consultant Related Issues.

Prequalification	Bulletin	Statement of Interest	Compliance & Admin	Stay Connected
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Stay Connected

The website is IDOT's primary way of doing business. The subscription server emails are an added courtesy the department provides. By subscribing you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin directly via the email you enter.

Instructions to Subscribe

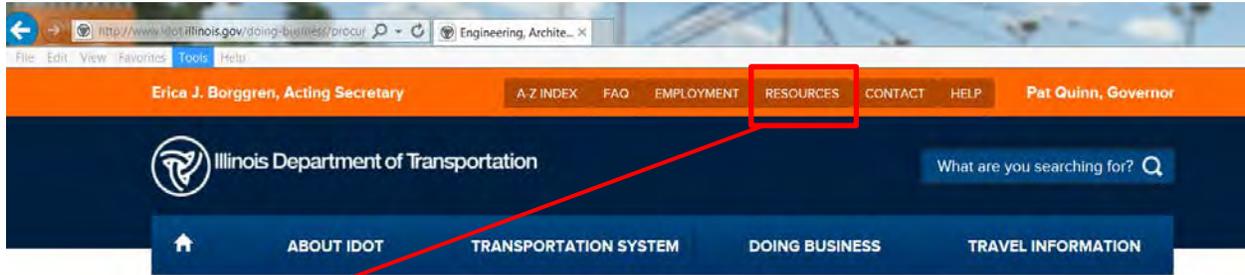
1. Prepare and send an email to the IDOT Subscription Server by using the following email address subscribe-dot-ptb@lists.illinois.gov .
2. A confirmation email will be sent to the subscriber with instructions.



Instructions to Unsubscribe

1. Prepare and send an email to the IDOT Subscription Server by using the following email address [unsubscribe-dot ptb@lists.illinois.gov](mailto:unsubscribe-dot-ptb@lists.illinois.gov) .

Using the Top Orange Ribbon:



Go to Resources, under Archives are the previous Professional Transportation Bulletin and selected consultants

Resources

This page is designed to help our visitors and users find a comprehensive list of manuals/guides, forms, reports etc. without having to access individual pages within the four main areas on the primary navigation of the site.



[Resources Home](#) | [Archives](#) | **[Professional Transportation Bulletin Archives](#)** | [Transportation](#)

Professional Transportation Bulletin Archives

The following is a collection of past professional transportation bulletins advertised by IDOT. Contained below by year Transportation Bulletin and press releases. To view the current professional transportation bulletin navigate to [Engineering Professional Services: Bulletin](#).



2014 Archived Bulletins & Press Releases



Under Resources, Forms go to “D” and the Bureau of Design & Environment forms are located there.



Resources

This page is designed to help our visitors and users find a comprehensive list of manuals/guides, forms, reports etc. without having to access individual pages within the four main areas on the primary navigation of the site.



A | B | C | **D** | L | M | O | P | Q | S | T

Forms

The following is a complete list of forms in accordance to the alphabet letter chosen above. The following are in order by Division/Office and for number.

▾ Design and Environment

- [BDE 124: Request for Authorization to Bid/or Not For Bid Status \(08/20/14\)](#)
- [BDE 213: Estimate of Cost \(4/01/10\)](#)
- [BDE 220A: Estimate of Time Required \(2/14/08\)](#)
- [BDE 2289: Cultural and Natural Resources Review of Borrow Areas \(1/30/12\)](#)
- [BDE 2290: Waste/Use Area Review \(3/7/12\)](#)

Notice
for
Teaming for Professional Transportation Bulletin Items
10-1-15

IDOT allows the practice of multiple firms joining efforts (prequalification categories and staff) to submit as a prime on a Professional Transportation Bulletin. The action of joining forces with another consultant to submit on a Professional Transportation Bulletin is called Teaming. If the firm wishes to use the option of Teaming, it is chosen on Exhibit A in EPAS.

Teaming

*Will the firm be entering into a Teaming Agreement for the item (The lead firm must be the one submitting for the item)?

--Please Select--
--Please Select--
Yes
No

When submitting as a team, the collective prequalifications of the team are used to determine eligibility. When a Team is selected, negotiations proceed with the Team. Contracts are executed with the Team at the end of successful negotiations.

Statements submitted by Teams may be considered unless specifically prohibited in the advertisement. The Team Agreement is signed by all parties and must be included with the statement of interest.

The Team entity will have the sum of the individual firms' prequalification, capacity and evaluation history. IDOT **DOES NOT** have a form for Team agreements. The firms submitting as a Team are required to obtain and submit the Team agreement.

If a firm is submitting as part of a Team, then the firm may not submit as a prime alone or as part of another Team on the same item. The required insurance coverage applies to the Team entity. Each individual firm's current obligations (work left), delinquent debt, Iran disclosure, and disclosure forms A&B must be completed by each of the team members. The Team entity will submit one statement of interest with the following specified:

- The firm managing the Team/Project, i.e. the lead firm;
- The Firm invoicing (typically the lead firm);
- The firm responsible for each prequalification category (must be prequalified in the category of work the firm is performing);
- Key personnel names with firm name on Exhibit A.

Teams Statements of Interest are submitted through EPAS. The firm's interested in performing as a Team(s) must coordinate with each other and submit through EPAS. The lead firm submits the Team Agreement and the Team entities must submit the required forms. See the EPAS Instruction manual.

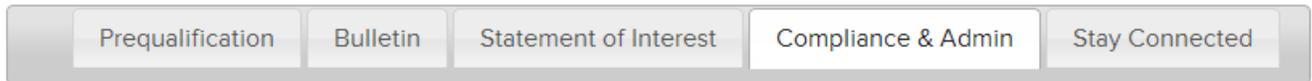
Review the EPAS Instruction Manual for details on submitting Statements of Interest through Teaming: <http://www.idot.illinois.gov/Assets/uploads/files/Doing-Business/Manuals-Guides-&-Handbooks/Highways/Design-and-Environment/EPAS%20Instructions%20Manual.pdf>

Notice

Reminder for Payroll Rate Sumbittal

To avoid delays and expedite the agreement process it is critical to use the latest forms. Go to the IDOT website and use the latest form for updating the firms Payroll Rates. **Do Not use existing forms.** [Escalation Template Revised 1/24/14.](#)

Additional Information for the Cost Estimates and Consultant Services is available on the website: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Resources>



Compliance & Administration

Selected firms will receive the name of the IDOT Project Manager who will be the sole point of contact for the contract. This section of the website organizes all relevant information needed fro the following processes.

Agreement Execution Administration of the Project Policy & Procedures

Agreement Execution

The [Standard Agreement Provisions for Consultant Services \(SAPCS\)](#)  are incorporated into the agreement and along with the scope of services, schedule, and cost. The agreement process is initiated after the selection is made in accordance with the Architectural, Engineering and Land Surveying Qualifications Based Selection Act.

For the requirements of a complete agreement proposal package please select the appropriate type of agreement below.

▶ Prime Agreement

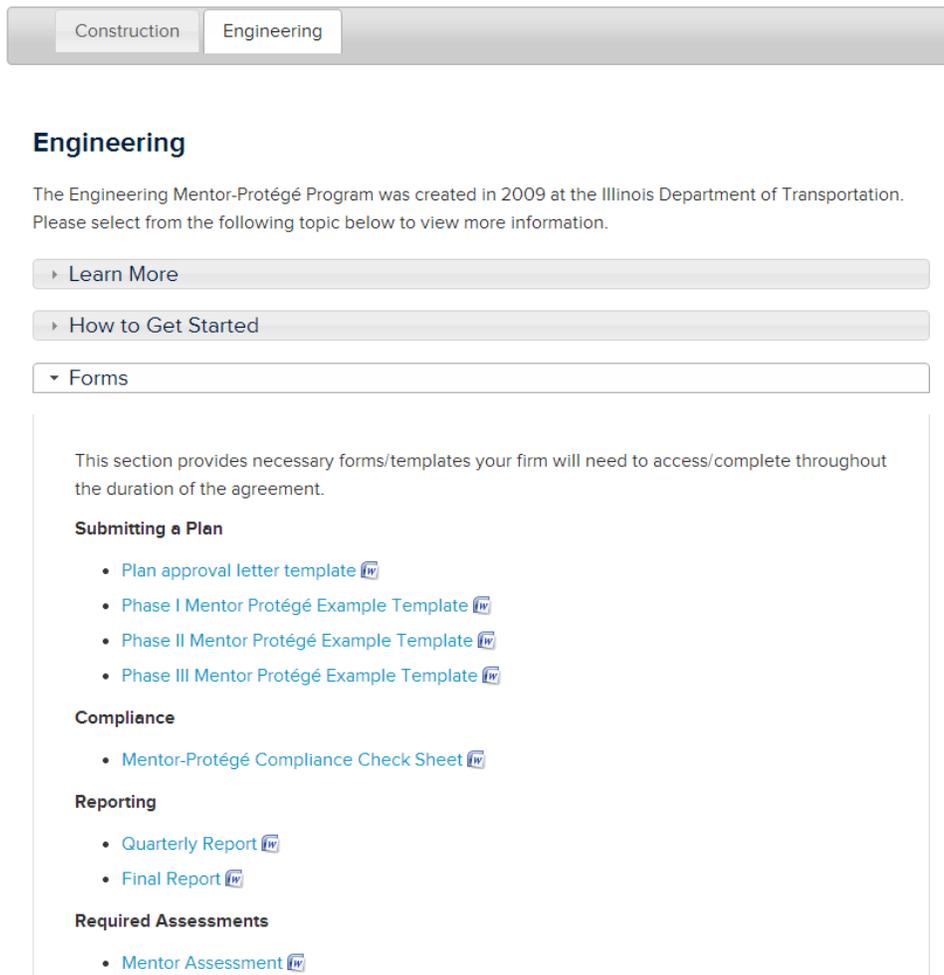
▶ Supplemental Agreement

NOTICE:

Now available on the internet:

- Templates for Quarterly and Final Mentor-Protégé Reports.
- Mentor-Protégé Implementation has been revised.
- Assessment Templates for the Mentor and Protégé are also available.

See : <http://www.idot.illinois.gov/doing-business/procurements/Industry-Marketplace/mentor-protege/index#Engineering>



Construction Engineering

Engineering

The Engineering Mentor-Protégé Program was created in 2009 at the Illinois Department of Transportation. Please select from the following topic below to view more information.

- Learn More
- How to Get Started
- ▾ Forms

This section provides necessary forms/templates your firm will need to access/complete throughout the duration of the agreement.

Submitting a Plan

- [Plan approval letter template](#) 
- [Phase I Mentor Protégé Example Template](#) 
- [Phase II Mentor Protégé Example Template](#) 
- [Phase III Mentor Protégé Example Template](#) 

Compliance

- [Mentor-Protégé Compliance Check Sheet](#) 

Reporting

- [Quarterly Report](#) 
- [Final Report](#) 

Required Assessments

- [Mentor Assessment](#) 

NOTICE

2-26-13

This requirement is NOT a criteria for Selection.

For PTB 166 and all subsequent PTB's and related supplements:

TRAINING/APPRENTICESHIP PROGRAMS. The CONSULTANT and all CONSULTANT's subcontractors must participate in applicable apprenticeship and training programs approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all on-site construction related activities, including material testing and drilling, performed by laborers, workers and mechanics. For purposes of this Agreement, engineers, architects and land surveyors are considered "professional services" as defined in Section 30-15 of the Procurement Code and are not considered laborers, workers or mechanics. With respect to material testing and drilling, these requirements do not apply where the work is performed in a county without a prevailing wage classification for material testing as provided by the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.

For the listing of prevailing wage classifications within a county, go to The Illinois Department of Labor.

<http://www.illinois.gov/idol/Pages/default.aspx>

SB 51 Rules

Impacts

- Reporting is required on all communications with outside entities that do or want to do business with a state employee if the conversation is procurement specific.
- IDOT immediately recognizes the issues with reporting publically procurement conversations.
- IDOT stopped scheduling meetings with outside entities about future procurements.

SB 51 Communications Reporting Aftermath

- Two long years pass
- Firm/vendors hire and lose talent
- Firm/vendors purchase new technology
- Firm/vendors develop other relationships

SB 51 Communications Report Relief

- Senator Harmon has a task force that is looking at the procurement reform legislation to see if additional changes to the procurement laws are appropriate.
- Task force will continue their work through the summer.
- No action to date.

New Rules

- IDOT staff determines their schedule.
- Firm/vendor must provide an agenda two days before the meeting.
- Consulting firm/firm/vendor must take notes.
- All IDOT employees should also take notes.
- Outside entities must sign an OCC 2500 Form that they are aware of the communications reporting laws and will adhere to all of IDOT's policies.
- Lobbyists of firm/vendors are not prohibited from attending these scheduled meetings since no reportable discussions are to take place. Meetings with lobbyists are permissible as long as these rules are followed.
- No meetings less than two weeks before a Selection Committee Meeting or construction letting.
- All notes, the form signed by the firm/vendor and the agenda provided should be retained by the IDOT employee that scheduled the meeting.

▪ **Discussions are limited to:**

- Firm/vendor personnel
- Firm/vendor past experience
- Work done for local agencies, other state agencies or other states
- Technology
- Goods or Services performed by firm/vendor

▪ **NO PROCUREMENT DISCUSSION – PERIOD**

- If procurement discussions occur, we take firm/vendors notes, add ours as necessary and post them on the internet.
- If procurement discussions occur, firm/vendor may be barred from meeting with anyone from IDOT for a year.

Notice

Documentation of Contract Quantities Class

Since July 2008, the "Documentation of Contract Quantities" class and re-tests have been administered by the University Of Illinois - Illinois Center for Transportation, and is currently coordinated by Greg Renshaw, PE. The Illinois Center for Transportation (ICT) <http://ict.illinois.edu/> is an innovative partnership between IDOT and the University of Illinois at Urbana-Champaign (UIUC). All transactions and correspondence will now be through ICT and no longer with the Illinois Department of Transportation (IDOT) Central Bureau of Construction. Fees are now being charged for all classes and retests and will be required at the time of registration.

Greg Renshaw, PE can be contacted at grenshaw@illinois.edu, phone (217)300-6375. Course and retest dates typically take place from November through April.

For consultant and local agency enrollment, as well as answers to frequently asked questions (FAQ), the "Documentation of Contract Quantities" is located at the U of I training website <http://ict.illinois.edu/outreach/documentation-training/>

Typically, in late September/early October the class schedule for the next fall/winter/spring's Documentation of Contract Quantities classes is posted. Also, firms can sign up for an automatic email reminder via ICT's website (see "Join Notification List") whenever new information is posted on their website.

NOTICE

METHOD OF PAYMENT

Effective 01-26-11

All future projects, beginning with PTB 159, will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

CPFF formula:
Compensation = DL+DC+OH+FF

Where FF:

For Prime Agreements is:
 $(0.37 + R)DL + \%DL$

When % is:
1 or 2 sub-consultants = 10% of Direct Labor (DL) of Subs
3 or 4 sub-consultants = 12% of Direct Labor (DL) of Subs
5 or more sub-consultants = 15% of Direct Labor (DL) of Subs

For Sub-Consultants
 $(0.37 + R)DL$

Where:
R= Complexity Factor: 0, 0.035, or 0.07
DL = Direct Labor
DC= Direct Cost
OH= Overhead Rate

Notice Of IDOT ELECTRONIC ENGINEERING CONSULTANT SUBSCRIPTION SERVICE November 10, 2010

To receive updates related to the Prequalification of Consultant Engineering Firms, the Publishing of the Professional Transportation Bulletin, or other information related to Consultant Engineering through the free subscription service; please follow the instructions for subscribing. The information for both these items will be automatically e-mailed to the subscriber upon release.

Located at: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Connect>

Instructions to Subscribe

Please Note:

By subscribing to the IDOT-PTB list, you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: subscribe-dot-ptb@lists.illinois.gov
2. Send message
3. A confirmation e-mail will be sent to the subscriber asking them to reply or click a link.

Instructions to Unsubscribe

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: unsubscribe-dot-ptb@lists.illinois.gov
2. Send the message.
3. A confirmation e-mail will be sent to you removing you from the subscription list.

Return To: Cement and Concrete Reference Laboratory
At NIST
100 Bureau Drive, Stop 8616
Gaithersburg, Maryland 20899-8618
Phone: 301-975-6704
Fax: 301-975-2243
Email: ccrl@nist.gov

APPROVAL TO RELEASE CCRL PROFICIENCY SAMPLE RESULTS TO:

Name: Mark Gawedzinski, BMPR Pre-Qualification Coordinator
Company: Illinois Department of Transportation
Bureau of Materials and Physical Research
Address: Springfield, Illinois
Email Address: mark.gawedzinski@illinois.gov
Phone: 217-782-2799

For:

Laboratory Name: _____
Address _____
Phone Number: _____
CCRL Laboratory Number _____

I hereby give permission to CCRL to release copies of proficiency sample reports:

Signature (mandatory) Date

Print Name

Print Title

E-mail Address

This release remains in effect as long as this laboratory participates in the CCRL proficiency sample program.

NOTICE
Effective January 24, 2008

**Illinois Department of Transportation
Requirements for Verification of Quality Assurance Consultants Enrollment in
the AMRL Proficiency Assessment Program**

As part of the prequalification process, Consultants wanting to become precertified as a Quality Assurance Consultant must be enrolled in the AASHTO AAP Proficiency Assessment Program. IDOT now requires consultants enrolled in the program allow IDOT access to their proficiency ratings via the AASHTO AMRL web site. In order to meet the terms of this requirement, as part of the prequalification process, each consultant is directed to the AASHTO web site at:

<http://amrl.net>

Log in to the site as you would to report your firms' proficiency assessment results. Once the firm has logged into the AASHTO web site, complete the following steps:

- Select the black "My Lab" tab at the top of the page.
- Then Under Lab Account in the left column, select Manage PSP Specifiers.
- Select Add New Specifier and then from the dropdown list, select IL Dept of Transportation.
- Select Configure Enrollment Specifiers.
- Make the following samples available for evaluation with unlimited time periods:

AASHTO (Illinois Modified)	ASTM	Description
AGGREGATES		
T 11 (IL)	C117	75- μ m (No. 200) by Washing
T 27 (IL)	C136	Sieve Analysis of Fine and Coarse Aggregates
T 84 (IL)	C128	Specific Gravity and Absorption of Fine Aggregate (Slag Labs Only)
T 85 (IL)	C127	Specific Gravity and Absorption of Coarse Aggregate (Slag Labs Only)
HOT-MIX ASPHALT		
T 166 (IL)	D2726	Bulk Specific Gravity
T 209 (IL)	D2041	Maximum Specific Gravity
T 312 (IL)		Superpave Gyratory compaction
T 308 (IL)		Asphalt Binder Content by Ignition
CONCRETE		
T 22 (IL)	C 39	Compressive Strength of Cylinders
T 23 (IL)	C 31	Making and Curing Test Specimens in the Field
T 119 (IL)	C 143	Slump
T 121 (IL)	C 138	Weight, Yield, and Air Content
T 126 (IL)	C 192	Making and Curing Test Specimens in the Laboratory
T 152 (IL)	C 231	Air Content-Type A or B Pressure Method
T 196 (IL)	C 173	Air content by Volumetric Method (if performed)

- Select Next
- Select Finish

IDOT AMRL Proficiency Verification
Page 2

Once the process is complete, consultants will no longer be required to submit AASHTO AMRL Proficiency Results as part of the prequalification process.

Contact the Consultant Services Unit of the Illinois Department of Transportation, Bureau of Design and Environment at (217)-782-6916 or the Bureau of Materials and Physical Research at (217) 782-7200 if you require additional information.

Justan Mann P.E.
Acting Deputy Director

Notice For

Department Manuals, Memorandums, & Rules

The following is available on our website: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/Consultants-Resources/index>

[Aeronautics Part 14 Aviation Safety Rules](#)

[Aeronautics Part 16 Airport Hazard Zoning Rules](#)

[All Bridge Designer Memoranda](#)

[Bureau of Bridges and Structures Documents, Manuals and Procedures](#)

[Bureau of Construction Current Construction Memorandums](#) [Bureau of Design and Environment Manuals & Memorandums](#) [Bureau of Land Acquisition Policies and Procedures Manual Updates](#)

[Coded Pay Items](#)

[CREATE Manuals](#)

[Land Acquisition Manual](#)

[Bureau of Local Roads Circular Letters](#)

[Bureau of Local Roads Manual](#)

[Bureau of Safety Engineering Programs, Policies & Manuals](#)

[Construction Manual](#)

[Geotechnical Documents Manuals and Procedures](#)

[Government Electronic Records Act](#)

[IDOT Drainage Manual](#)

[Illinois Highway Info System Roadway Info & Procedure Manual](#)

[Illinois Highway Info System Structure Info & Procedure Manual](#)

[Illinois Highway Info System Railroad Info & Procedure Manual](#)

[Illinois Traffic Monitoring Program](#)

[Manual on Uniform Traffic Control Devices](#) [Oversize/Overweight Permit Policy Manual](#) [Project Procedures Guide](#)

[Quality Standard for Work Zone Traffic Control Devices](#)

The Highway Manuals Sales Order Forms (Highway Manual Order Form) is available at: <http://www.idot.illinois.gov/doing-business/sales/manual-sales/index>

NOTICE DBE FIRMS AND PROJECT GOALS

The firms noted on the List of Pre-qualified Consultants on IDOT's website (<http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Prequalification>) are firms certified as a DBE in specified areas. It is the responsibility of any prime consultant firm to go to the **Illinois Unified Certification Program** web site (<http://www.idot.illinois.gov/doing-business/certifications/disadvantaged-business-enterprise-certification/il-ucp-directory/index>) to verify the subconsultant is certified as a DBE in the area of work the sub will be performing on a specific project. Only the pre-qualified areas of work the DBE firm is certified in as a DBE will be considered toward the project's DBE goal.

Each list of tasks specified on a DBE's Cost Estimate Consultant Services (CECS) will be verified for DBE certification beginning January 1, 2007.

If you have any questions on DBE certification, please contact the Office of Business and Workforce Diversity. (217) 782-5490

“Special Notice Regarding Disadvantaged Business Enterprises”

The Illinois Department of Transportation (IDOT) has designated various projects advertised in the Professional Transportation Bulletin as requiring participation by Disadvantaged Business Enterprises (DBEs). As a condition for any firm to be considered for a project requiring DBE participation, it must subcontract a minimum of the designated percent to a DBE. Each firm’s letter must include a statement that it intends to subcontract the designated percent to a DBE. The Exhibit A in the Statement of Interest must include the DBE Consultant and the category of work they are going to perform.

To be considered as a prime consultant or subconsultant, a DBE must be prequalified with IDOT’s Division of Highways’ Bureau of Design and Environment (BDE). IDOT’s Bureau of Small Business Enterprises (SBE) maintains a Disadvantaged Business Enterprises Directory of certified DBEs for the purpose of providing a reference source to assist firms. You can view/print and download the most current listing of DBE firms at IDOT’s web site <http://www.idot.illinois.gov> under “Doing Business” “Small Business Enterprises” “Disadvantaged Business Enterprises (DBE) Program/IL UCP DBE Directory.” DBE firms who are prequalified by BDE and are interested in performing consultant work are listed under the UCP Directory by Category, Architecture/Engineering Sorted by firm. Any firm desiring to subcontract work to firms that are not certified DBEs should encourage them to become certified by contacting SBE’s Certification Section at (217) 782-5490.

Failure to assign at least the designated percent to one or more DBEs or to demonstrate that a good faith effort was made to assign the designated percent shall result in one of the following:

1. Notification to the prime consultant that the Agreement will not be signed until the percentage of DBE participation is met.
2. The Agreement will be signed with the understanding that payments to the prime consultant will be reduced by an amount determined by multiplying the total Agreement fee by the designated percent and subtracting the dollar value of DBE subcontracts.
3. Contract negotiations will be terminated.

Upon completion of the contract, should it be determined the prime consultant failed to assign the designated percent to an eligible DBE or demonstrated that a good faith effort was made to assign the designated percent as agreed upon, payment to the prime consultant will be reduced by the amount set forth in number 2 above.

A complaint regarding any decision rendered by or action by any Division or Office of IDOT pursuant to these requirements may be filed with the Secretary of IDOT.

Notice
Of Requirement For
Illinois Department of Human Rights (IDHR)
Public Contract Number

Following selection, all proposal packages submitted to the Illinois Department of Transportation (IDOT) must contain the firm's IDHR number and the expiration date. The Department is required by law to require this number from all parties contracting with the State of Illinois. If your firm currently does not have an IDHR number the application form may be obtained from the following web-site http://www.state.il.us/dhr/Programs/DHR_PBCT.htm or may also be obtained by contacting: DHR, Public Contracts Section Public Contracts Division 100 W. Randolph, Suite 10-100 Chicago, IL 60601 or by calling: 312-814-2432 (TDD 312-263-1579)

NOTE: An IDHR public contract number is not required if the firm employs fewer than 15 employees.

Please be aware that, as of January 1, 2010, per Public Act 096-1786, all those filing for, or *renewing*, an IDHR number, will be charged a \$75.00 registration fee. Such registration will be valid for 5 years from the date of issuance.

Overtime Billing **for** **Engineering Consultant Contracts**

The engineering consultant firm may bill overtime in accordance with Section 2.86 of the Standard Agreement Provisions and the following. When the employee in the same pay period, has worked on more than one project, the amount premium wages charged to a project must be in direct proportion to the total number of hours the employee worked in that pay period. (i.e. total hours worked in pay period = 50 hours (10 of which are premium hours), 25 total hours for the pay period on the project, 5 hours of overtime may be charged to the project.)

NOTICE OF TRAINING OPPORTUNITY Updated 9-23-14

LAKELAND COLLEGE TRAINING COURSES

Lakeland College will be conducting QC/QA Training again this year. Please visit the web-site for further information. Information or schedules can also be obtained by contacting Marlene Browning.

Kathy Willenborg

Lake Land College

5001 Lake Land Blvd.

Mattoon, IL 61938-9336

Phone: (217) 234-5285

Fax: (217) 234-5381 E-Mail: idotqcqa@lakeland.cc.il.us

Internet Homepage: <http://www.lakeland.cc.il.us/as/idt/index.cfm>

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:

<https://www.nhi.fhwa.dot.gov/default.aspx>

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

The National Transit Institute (NTI) Course listing as well as other pertinent information is available at the following address:

<http://www.ntionline.com>

ILLINOIS CENTER FOR TRANSPORTATION

University of Illinois at Urbana-Champaign Erosion Control Research and Training Center (ECRTC).

Please visit the web-site for further information on course schedule and registration information:

<http://ict.illinois.edu/outreach/erosion-control-workshop/>

For questions about registration and cancellations contact:

Trachia Wilson

Email: tstolz@illinois.edu

Phone: 217-300-3197.