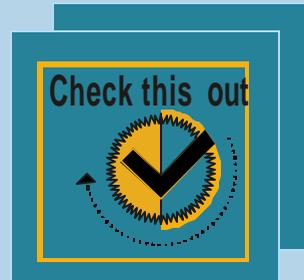


Professional Transportation Bulletin

PTB 173

August 7, 2014

Statements of Interest are due before 12:00 p.m.
on August 28 2014
Selection Date: October 22, 2014



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

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: October 22, 2014

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 August 7, 2014.

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>.

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: Carrie.Kowalski@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. John Fortmann
201 West Center Court
Schaumburg, IL 60196

Region 2

District 2

Mr. Paul Loete
819 Depot Avenue
Dixon, IL 61021

District 3

Mr. Paul Loete
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. Roger Driskell
126 East Ash St.
Springfield, IL 62704

District 7

Mr. Roger Driskell
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 174	PTB 175	PTB 176	PTB 177	PTB 178	PTB 179
PUBLISH PTB	11-06-14	02-05-15	05-07-15	8-06-15	11-05-15	02-04-16
***STATEMENTS OF INTEREST ARE DUE	12-04-14	02-26-15	05-28-15	8-27-15	12-03-15	02-25-16
SELECTION MEETING	1-28-15	4-22-15	7-22-15	10-21-15	1-27-16	04-20-16

***** STATEMENTS OF INTEREST FOR THE CURRENT PTB MUST BE RECEIVED BETWEEN, Publish Date 8-07-14 & 8-28-14 (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 at the following link:
<http://www.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Bulletin>



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**
 - John Fortmann
 - District 1
 - Items 1 - 20
- **Region 2**
 - Paul Loete
 - District 3
 - Item 21
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 - District 4
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 - Jeffrey Keirn
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 - Items 28 – 30
 - District 9
 - Items 31 – 33
- **Bureau of Design & Environment**
 - John Baranzelli
 - Items 34 - 35
- **Office of Planning and Programming**
 - Kevin Schoeben
 - Items 36 - 37

Notice

Illiana Projects

8-7-14

Services and/or work assigned for the proposed Illiana Expressway will be subject to IDOT's *Conflicts of Interest Policy for the Illiana Expressway* and 23 CFR 636.116.

NOTICE EPAS

May 1, 2014

The EPAS manual has been updated.

EPAS manual located at <http://www.idot.illinois.gov/doing-business/>

[procurements/engineering-architectural-professional-services/index#SOI](http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#SOI)

Information has been added defining the SEFC Status Column: Defines In Progress, Initial review, Ranking Process, etc.

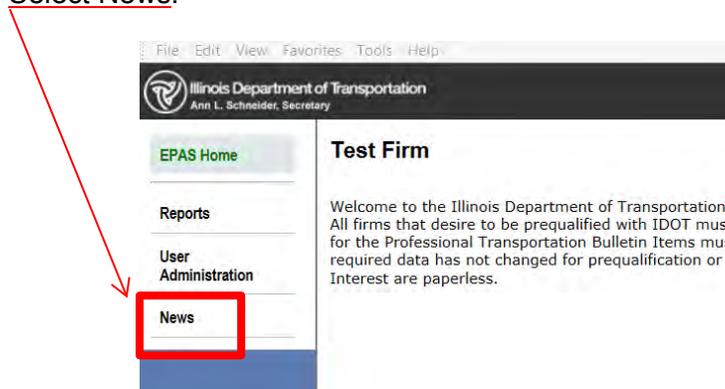
IDOT is frequently asked questions covered in the manual:

- When IDOT requests additional information or my password is reset who gets the e-mail? Page 6
- Where can I get help with my SEFC? Page 7
- Can I create another application while IDOT is reviewing my submitted application? Page 9
- What's the AFC? Page 17
- My application is "In Progress" why hasn't it been reviewed? Pages 8, 9, 28, & 30
- How do I change my password? Page 65
- When do I do an Amend? Pages 25 & 32
- When is my SEFC due? Pages 25 & 76 and under the EPAS Help, there is a link to the SEFC, SEFC Information which has a chart. The system also determines which renewal option is required for each firm. On each firm's EPAS home page, the system gives the firm the option of New or Renew.

Firms are encouraged to review the Latest News Information Located on EPAS.

Log on to EPAS at <https://apps.dot.illinois.gov/EPAS/>

Select News:



Subscription Server

IDOT has a subscription server for anyone interested in consultant information. The subscription server is used to announce the publication of Professional Transportation Bulletins, the results of PTB Selection, and announcements/notices related to consultants.

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

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #173
Publish August 7, 2014

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, August 28, 2014. 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.

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 Carrie.Kowalski@illinois.gov to establish an account.

The instructions for using EPAS are located on the IDOT Website under Doing Business, Consultant Services, Consultant Prequalification, EPAS Instruction Manual: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#SOI>

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 list the DBE subconsultant(s), work the firm 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#SOI>

- 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#SOI>

All signatures are required to be actual signatures.

Forms without an actual signature will be returned.

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PTB 173

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2.	Cook	C-91-005-15, I-90/94 at I-290/Congress Parkway (Circle Interchange): Taylor Street Bridge and Mainline Bridges (Peoria St. to Morgan St), Phase III Project
3.	Various	D-91-002-15, Various Overhead Sign Structure Inspection Projects
4.	Various	D-91-465-14, Various Traffic Signal Coordination and Timing (SCAT) Projects
5.	Various	C-91-010-15, Various Phase III Inspection Projects - Bureau of Traffic Operations (Pavement Marking and other Traffic Control Devices)
6.	Various	P-91-442-14, Phase I Studies for Various Projects
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<u>Item</u>	<u>County</u>	<u>Description</u>
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<u>Office of Planning and Programming</u>		
36.	Various	SPR-PL-3000(50), Comprehensive Truck Study on Size and Weight
37.	Various	P-30-003-15 Northeastern Illinois Commuter Options Pilot Program, Transportation Demand Management (TDM) (presentations may be required)

1. **Job No. D-91-467-14, FAU 2857, Wood Street from North of Little Calumet River to South of US 6, Phase II Project, Cook County, Region One, District One.**

This project requires 20% DBE participation.

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 **October 30, 2014 at 9:30 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for improvements to Wood Street from north of Little Calumet River to south of US 6. The Consultant's work is expected to consist of preparing plans, specifications, and cost estimates. Work will include roadway plans to consist of a five lane cross section with a flush median south of US 6 to 42nd Street and a three lane cross section with a flush median from 42nd Street to 138th Street. The project also includes a shared use path along the west side of the roadway and a seven-foot back of curb sidewalk along the east side to provide pedestrian and bicyclist accommodations. The bridge deck carrying Wood Street over the Little Calumet River will be modified to accommodate pedestrians and bicyclists. The railroad bridges over Ashland Avenue will consist of bridge repair and extending the wing walls. There is expected to be an omission at the intersection of US 6. The project also includes traffic signal modernization, which includes two at-grade railroad crossings, enclosed drainage, and all incidental and collateral work necessary to complete the improvement. The Consultant's work is also expected to include surveys and may include geotechnical engineering services.

The department will furnish the Consultant with project report, hydraulic report, location drainage study, pavement design, available microfilm plans, any available data, and existing developed contract plans.

The estimated construction cost for this project is \$45,155,000. 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 the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work with adequate plan review experience).
- The person who will perform the work in the area of geotechnical analysis and preparation of the Roadway Geotechnical Report (RGR) (must be an Illinois Licensed Professional Engineer).
- 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 traffic signals (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge in the area of structure plan preparation (must be an Illinois Licensed Professional Structural Engineer).

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

Highways (Roads & Streets)

Structures (Highway: Simple)

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-91-005-15, I-90/94 at I-290/Congress Parkway (Circle Interchange): Taylor Street Bridge and Mainline Bridges (Peoria St. to Morgan St), Phase III Project, Cook County, Region One/District One.**

This project requires 25% DBE participation.

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 **October 27, 2014, at 9:30 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement of I-90/94 at I-290/Congress Parkway (Circle Interchange): Taylor Street Bridge and Mainline Bridges (Peoria St. to Morgan St) I-90/I-190 (Kennedy Expressway) at Cumberland Ave. (Flyover). Work for this project includes two (2) construction contracts.

They are as follows:

60W30 – Work includes but is not limited to the replacement of the Taylor St. Bridge over Northbound and Southbound FAI 90/94. The limits are from 200 feet west of the S. Union Avenue Intersection to the west radius return of the Des Plaines St./Taylor St. Intersection. Additionally, intersection work will be performed at the Taylor Street/S. Union Avenue intersection (new retaining wall), the NB I-90/94 Exit Ramp/Taylor Street intersection, and the west leg of the Taylor Street/Des Plaines Street intersection including new, actuated traffic signals. Other project work elements include drainage, underpass and city street lighting, signing, traffic control and protection, landscaping, urban enhancements and pavement markings. The project will be stage constructed with one lane of traffic in each direction, and all incidental and collateral work necessary to complete the improvement.

60X61 – Work includes but is not limited to, the construction of new pavement along I-290 Westbound to accommodate the two-lane flyover ramp. The construction involves the two outside westbound lanes beginning at Peoria Street and extending west to the project limit west of Racine Avenue. This project also includes construction of the remaining portion of Retaining Wall #5 (SN 016-1724) which connects to east wingwall of the north abutment of Morgan Street; construction of Retaining Wall #6 (SN 016-1725) along the north side of Ramp NW which connects to the west wingwall of the north abutment of Peoria Street; construction of Retaining Wall #7 (SN 016-1726) which connects to the west wingwall of the north abutment of Morgan Street and extends west towards Racine Avenue and construction of a Noise Abatement Wall along the north side of I-290 between Morgan Street and Peoria Street. These walls will have aesthetic treatments on elements through use of custom form-liners. Additionally, the completion of construction of the Morgan Street Exit ramp off I-290 WB is included in the project. Other project work elements include drainage, high mast interchange lighting, signing, traffic control and protection, landscaping and pavement markings and all incidental and collateral work necessary to complete the improvement.

The following structures may be included:

- S.N. 016-2535 (NB Taylor Street Entrance Ramp over I-90/94)
- S.N. 016-1165 (Taylor Street Bridge over I-90/94)
- S.N. 016-1806 (New Retaining Wall WB on S. Union Avenue)

- S.N 016-1724 (Connects to east wingwall of the north abutment of Morgan Street)
- S.N. 016-1725 (along the north side of Ramp NW, which connects to the west wingwall of the north abutment of Peoria Street)
- S.N. 016-1726 (Connects the wingwall of the north abutment of Morgan Street and extends west towards Racine Avenue)

The department will furnish the Consultant with 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'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 anticipated construction completion date for this contract is October 31, 2016 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:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)
- 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 for IDOT Documentation of Contract Quantities**)
- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class, Soil Testing)
- Materials Laboratory (prequalified in QA HMA & Aggregate and QA PCC & Aggregate)

- 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).

3. **Job No. D-91-002-15, Various District-1 Overhead Sign Structure Inspection Project, Various Routes, Various Counties, Bureau of Operations.**

This project requires a 10% DBE participation.

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 **October 28th, 2014 at 10:00 A.M.** in the Region One, District One Office in Schaumburg.

Engineering services are required for the inspection of overhead sign 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, overhead sign structures shall be inspected by mounting them from the shoulder. This will required shoulder closures in accordance with Highway Standards 701101 and 701106, District Detail TC-17, and as directed by the Engineer. Freeway lane closures for overhead sign structure 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. Shoulder closures and partial ramp closures 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. and 7:00 p.m. Lane closures along District 1 Interstates/Freeways are normally not permitted during the day. Exact allowable lane closures hours, if needed, will be determined by the Expressway Traffic Operations Engineer.

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 Consultant 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.
 - Manpower, equipment, vehicles, and materials to complete the detailed inspections and necessary nondestructive testing.
 - The appropriate traffic control for each structure to be inspected.
 - Computerized database, compatibly 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 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 evaluate the overall condition of the structures. The Consultant is required to provide a comprehensive report using the data collected in the inspections. The report shall include a narrative of all recommended repairs to each structure, and a prioritization of the repairs. Two (2) copies of the report, in hard copy and in electronic media, shall be submitted to the District. 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.

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, the individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licenses 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 QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer).

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).

4. **Job No. D-91-465-14, Various Traffic Signal Coordination and Timing (SCAT) Projects, Various Routes, Various Counties, Region One, District One.**

This project requires 10% DBE participation.

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 **October 29, 2014 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for developing traffic signal coordination and timing for various systems located in District One, responding to signal operation complaints and performing other traffic related tasks. 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 manuals, plans, and/or other pertinent available information.

The Consultant's work may include accomplishment of one or more of the following tasks per Work Order for each selected location:

- After a Work Order has been assigned, the Consultant shall have two (2) weeks to implement a functional interim Time-of-Day operation program.
- Data Collection - Field collection of traffic counts, turning movements, signal phasing, signal timings, equipment inventory, and other data needed to quantify existing operating conditions and determine signal optimization alternatives.
- Data Analysis – Unless otherwise directed by the District's Traffic Signal Engineer, the most current version of Synchro computer modeling shall be run on the database for each of the selected locations. Recommendations for optimal signal operation plans will be generated utilizing the existing signal equipment and equipment with minor recommended enhancements using the existing signal phasing and recommendations for improving signal phasing. Engineering judgment will be used to select the final plan to be recommended for implementation.
- Implementation - The approved Time-of-Day optimization plan will be placed in operation with any necessary fine-tuning adjustments. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted using speed, delay, and emissions analysis software. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of 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.
- Field observation of signal operations – Identify operational problems, suggest corrective action and provide response to the complaint.
- Assist the Department in the evaluation of traffic signal operation objectives, needs and traffic demand to determine if other signal control technologies are appropriate.
- Perform other traffic signal tasks as assigned by the District's Traffic Signal Engineer.

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 perform the duties of Project Engineer, that individual in charge who is directly involved in the development of final reports, studies and complaint responses (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work necessary to prepare traffic signal coordination and timing optimization plans.
- The person who has the necessary experience with traffic signal equipment and who will recommend equipment enhancements, implementation of the optimization plans, recommend any fine-tuning adjustments and will identify corrective action to address operational complaints.
- The person who conducts the evaluation of the optimization plans.
- The person(s) who is(are) responsible for establishing parameters for traffic adjusted operation of closed-loop signal systems, the methodology used in establishing traffic adjusted optimization, and a listing of prior traffic adjusted programs recently implemented by the individual(s). The individual(s) must demonstrate through current experience in District One optimization along with the ability to set-up a closed-loop traffic responsive system using both volume and occupancy settings. The individual(s) must demonstrate recent District One experience in the development of traffic signal coordination and timing, utilizing the District's standard traffic controllers: Eagle/Siemens and Econolite.
- The person who will perform QC/QA review work of all final and milestone submittal documents.

Statements of interest must also include the Consultants' relevant District One SCAT projects, do not list more than 10 projects, completed by the firm within the past 5 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 and a list of projects completed involving traffic signal coordination and timing, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

5. **Job No. C-91-010-15, Various Phase III Inspection Projects - Bureau of Traffic Operations (Pavement Marking and other Traffic Control Devices), Various Routes, Various Counties, Region One, District One.**

This project requires 15% DBE participation.

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 **October 29, 2014 at 2:00 P.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various pavement marking projects throughout District One. It is expected to require 1 to 2 engineer/engineering technicians to provide general assistance as field crew members during the 2015 and 2016 construction seasons. Typical assignments may include general inspection, project finalization, and documentation of pavement markings, raised pavement markers, roadway signing, overhead sign structure replacement, traffic signal loop detectors and any other work required for the project. Working hours may be extended and not be during typical work hours. 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 contract plans and specifications.

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.

Completion date for this contract will be 48 months after authorization to proceed.

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

- Inspectors (A current IDOT Construction Documentation Certificate is desired)

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).

6. **Job No. P-91-442-14, Phase I Studies for Various Projects, Various Routes, Various Counties, Region One, District One.**

This project requires 20% DBE participation.

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 **October 29, 2014 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 Phase I preliminary engineering and environmental studies throughout District One. The scope of work may include new Phase I studies for intersections, small highway segments, bridges, and/or assisting the District 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 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, traffic demand modeling, safety studies including accident analysis, capacity analysis including intersection design studies, route as well as stream surveys, bridge inspections and condition reports, drainage studies including hydraulic reports, cost estimates, public involvement, project reports anticipated to be processed as categorical exclusions, 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 will also be required to assist the district in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other consultants.

The cumulative cost of construction of these projects is anticipated to be in excess of \$20,000,000. 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 work documents (must be an Illinois Licensed Professional Engineer).
- 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 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 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 Studies (Location Drainage)

Special Studies (Traffic Studies)

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).

7. **Job No. C-91-006-15, I-90/I-190 (Kennedy Expy) at Cumberland Ave (Flyover), Phase III Project, Cook County, Region One/District One.**

This project requires 25% DBE participation.

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 **October 27, 2014, at 8:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement I-90/I-190 (Kennedy Expy) at Cumberland Ave (Flyover) Work includes, but is not limited to, construction of a new Cumberland Flyover ramp approximately 600-feet spanning the Chicago Transit Authority Blue Line and the eastbound Interstate 190 which will include the construction of four (4) retaining walls. The work also includes improvement on the East River Road Bridge to accommodate the eastbound Interstate 90 widening and future westbound Interstate 90 widening. Interstate 190 consists of the following improvements: reconstruction, widening, and resurfacing. Interstate 90 consists of the following improvements: widening and resurfacing, installation of proposed storm sewer, lighting, signing, pavement markings, and any and all incidental and collateral work necessary to complete the improvement.

The following structures may be included:

- S.N. 016-2124 (Existing East River Road Bridge)
- S.N. 016-2280 (Proposed East River Road Bridge)
- S.N. 016-5006 (New Flyover Bridge)

The department will furnish the Consultant with 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'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 anticipated construction completion date for this contract is December 31, 2016. 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:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)
- 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 for IDOT Documentation of Contract Quantities**)
- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class, Soil Testing)
- Materials Laboratory (prequalified in QA HMA & Aggregate and QA PCC & Aggregate)
- 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).

8. **Job No. C-91-004-15, IL 171 (Archer Ave): 47th St. to 55th St. Bridge Complex at I-55, Phase III Project, Cook County, Region One/District One.**

This project requires 25% DBE participation.

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 **October 27, 2014, at 10:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement of IL 171 (Archer Ave): 47th St. to 55th St. Bridge Complex at I-55.

Work consists of two (2) contracts as follows:

60J16 - The Improvement of IL 171 SB from north of the IL 171 /Archer Rd. intersection to 44th Street. Work includes but is not limited to, pavement patching and resurfacing with polymerized hot-mix asphalt, realignment and reconstruction of Ramp E, shoulder widening, guardrail improvements, sign replacement and lighting, rehabilitation and/or widening for nine (9) structures, drainage improvements, ditch restoration, placement of pavement markings and all incidentals and collateral work necessary to complete the improvement is required.

60W77 - The improvement includes the IL 171 SB over I-55 structure and the IL 171 SB to I-55 NB Ramp E over I-55 structure. Work includes, but is not limited to the construction of the proposed SB IL 171 Ramp to NB I-55 structure over I-55, bridge approach pavement connectors, and removal of the existing structures, guardrail improvements, TSC relocation on I-55, sign replacement, and lighting. All incidental and collateral work necessary to complete the improvement is required.

The following structures may be included:

- S.N. 016-0483 (SB IL 171 Over Des Plaines River)
- S.N. 016-0488 (SB IL 171 Over IC RR)
- S.N. 016-1510 (New SB IL 171 over I-55)
- S.N. 016-1512 (New SB IL 171 Ramp to NB Over I-55)
- S.N. 016-1000 (SB IL 171 Over 47th Street)
- S.N. 016-1001 (SB IL 171 Over 47th Street)
- S.N. 016-1005 (SB IL 171 Over Joliet Road)
- S.N. 016-2455 (SB IL 171 Over BNSF RR)
- S.N. 016-2457 (SB IL 171 Over Des Plaines River Valley)
- S.N. 016-1026 (SB IL 171 Ramp E Over Des Plaines River)
- S.N. 016-0486 (SB IL 171 Over Sanitary & Ship Canal)

The department will furnish the Consultant with 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'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 anticipated construction completion date for this contract is October 31, 2015 plus 5 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:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)
- 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 for IDOT Documentation of Contract Quantities**)
- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class, Soil Testing)
- Materials Laboratory (prequalified in QA HMA & Aggregate and QA PCC & Aggregate)
- 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).

9. **Job No. C-91-009-15, US 12 (Rand Rd.) Lake-Cook Rd. to Golf Rd., Phase III Project, Cook County, Region One/District One.**

This project requires 25% DBE participation.

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 **October 27, 2014**, at **1:00 P.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement of US 12 (Rand Rd.) Lake-Cook Rd. to Golf Rd. Work includes, but is not limited to, pavement patching, Hot-Mix asphalt surface removal, resurfacing with polymerized leveling binder and HMA surface course, ADA ramp requirements for curb ramps will be brought up to standard, detector loop replacement, curb and gutter removal and replacement, frame and grate adjustments, thermoplastic pavement marking and raised reflective pavement markers, and any and all incidental and collateral work necessary to complete the improvement.

The department will furnish the Consultant with 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'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 onsite 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 anticipated construction completion date for this contract is July 15, 2015. 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:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)
- 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 for IDOT Documentation of Contract Quantities)

- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing)
- Materials Laboratory (prequalified in QA HMA & Aggregate and QA PCC & Aggregate)
- 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).

10. **Job No. D-91-459-14, Various Phase II Projects, Various Routes, Various Counties, Region One, District One.**

This project requires 20% DBE participation.

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

The Consultants who is selected for this project, and all subconsultants the prime Consultant will be using, are scheduled to attend an initial meeting on **October 29, 2014 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of plans, specifications and cost estimates, for various contracts throughout the District. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

The department will furnish the Consultant with available microfilm plans, Bridge Condition Report, project report, hydraulic report, and other necessary items.

The Consultant may also be required to review and comment on contractor provided documents for contracts currently under construction that may have been completed by other design firms. These may include but are not limited to shop drawings, fabrication and erection plans.

The Consultant's work may consist of preparing roadway plans, TS&L plans, structure plans, geotechnical borings, investigation & analyses, supplemental surveys, drainage & utility investigation, detour route plan, applicable permits, and all other related work to complete Phase II work. The Consultant work may also consist of reviewing and preparing plans to ensure all plans are within the framework of Department policies and procedures, local agency requirements, and all applicable manuals and schedules. Consultant may have to create and/or maintain websites for Phase II projects.

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 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 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:

Structures (Highway: Typical)
Highways (Roads & 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).

11. **Job No. D-91-462-14, Various Waste Assessments & Investigations, Various Routes, Various Counties, Region One, District One.**

This project requires 10% DBE participation.

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

The Consultant selected for this project, and all subconsultants the prime Consultant will be using, is scheduled to attend a negotiation meeting on **October 29, 2014 at 1:00 P.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.

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) 1100.0100, 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 for approval. 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, to respond with a draft work plan within 15 working days, conduct field work within 10 working days after authority to proceed, draft report within 3 months after the authority to proceed, and final report two weeks following IDOT comments.

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). 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 6.26 and 9.0. 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.

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'.

The completion date for this contract (excluding emergency response oversight) will be 36 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.
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 on IDOT projects is not necessarily required. Some work will involve requiring experience equivalent to with 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:

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

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 System (EPAS).

12. **Job No. D-91-466-14, Various Phase II Traffic Signal Design Projects, Various Routes, Various Counties, Region One, District One.**

This project requires 15% DBE participation.

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 **October 29, 2014 at 9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required but not limited to all work associated with the complete preparation of plans, special provisions and estimates for traffic signal projects throughout District One. The proposed projects may consist of installation of new traffic signals, modifications and modernization of existing traffic signal systems, including temporary signal and system interconnect design. Project work is also expected to include site inspections, field measurements, performing all design functions and calculations, including time space diagrams where traffic signals will be interconnected. Traffic signal design shall conform to current issues of the following: State Standard Specifications, MUTCD for streets and highways, and all applicable NEC, NEMA, AASHTO, FHWA and District 1 Standards and Guidelines. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. Work for this project may be in English or metric units.

The department will furnish the Consultant with any available project reports; existing plans, existing and proposed traffic volumes, accident data and topo-survey when available.

The estimated construction cost for these projects may range from \$50,000 to \$2,000,000. 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, 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 Traffic Signal Engineer, that individual who is directly involved in traffic signal design, modification and modernization. The Traffic Signal Engineer shall have working knowledge and extensive experience in traffic signal design and operation in IDOT Region One/District One (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).

Statements of Interest must also include the Consultant's relevant traffic signal projects completed by the firm for IDOT Region One/District One within the past five years by the key

staff members listed in the Statement of Interest. Do not include more than 10 completed applicable traffic signal projects.

The prime firm must be prequalified in the **Special Studies (Traffic Signals)** 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).

13. **Job No. C-91-439-14: Phase III Various Projects, Various Routes, Various Counties, Region One/District One.**

This project requires 25% DBE participation.

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 **October 27, 2014 at 2:00 P.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various construction projects throughout District One. Four (4) to eight (8) engineers and /or engineering technicians are anticipated to be required during the 2014 and 2015 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, bridge painting, and providing general assistance as a member of a field crew. Survey/layout services may be required. The Consultant may have to create and/ or maintain a website for a Phase III projects. This work may be in either English or metric units.

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

The Consultants work includes but is not limited to providing staff, cell phones, and vehicles for personnel use on construction sites and for traveling between projects. The duration of time spent at a single location would vary as a function of work assignment needs.

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

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

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

- Project Manager
- Inspectors including a 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 Documentation of Contract Quantities.**)

Firms 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).

14. **Job No. D-91-455-14, Various Subsurface Utility Engineering Projects, Various Routes, Various Counties, Region One, District One**

This project requires 20% DBE participation.

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 **October 28, 2014 at 9:00 A.M.** at the Region One, District One office in **Schaumburg**.

Subsurface Utility Engineering is required on approximately 30 to 40 projects throughout the district for use on primarily Phase I, II and III projects. 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 as directed by the department.

The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required and direct costs. After the Department gives the Consultant authority to proceed, the Consultant shall commence work within 10 calendar days. The subsurface utility engineering consists of providing the District with existing utility location information in written documents and electronic CADD files for the various projects assigned. This information shall be obtained by researching all utility company's records, which have facilities in the area, and performing actual field surveys to verify and map at the appropriate quality level of all existing utilities on the assigned project. The Consultant shall also determine the existence, and appropriate surface geophysical methods (QL B data). The exact horizontal and vertical locations of underground utilities shall also be determined by actual physically locating them (exposing and surveying) at designated spots with use of compressed air vacuum equipment insured not to damage existing utilities (QL A data). Field information obtained and recorded in field books shall be drafted on plan sheets in electronic format using current MicroStation and Geopak software utilized by the Department.

The department will furnish the Consultant with any available survey notes, alignment data, cross ties, design CADD files and bench marks.

Utility Coordination

Under the direction of the District's Utility Coordinator, this assignment requires coordinating the location, relocation and adjustment of public and private utility facilities, implementing the 90-day law, investigating and approving utility permit applications and preparing/negotiating utility reimbursable work agreements so as to facilitate timely completion of the District's highway improvement program and utility accommodation on the Departments right-of-way, all in an assigned geographical area. The assigned individual(s) will work from District One office, on an as needed basis.

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 experienced in managing multiple subsurface utility engineering projects in urban environments.)
- 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 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 QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

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

The Consultant must provide the following in their Statement of Interest:

- Experience in researching the location of utilities, above and underground.
- Knowledge of the equipment/techniques necessary to locate the utilities.
 - Surface geophysical techniques, such as, electromagnetic, magnetic, sonic, etc.
 - Excavation by use of test holes using compressed air vacuum excavation or comparable non-destructive equipment (Hydro excavating is prohibited).
- The ability to provide staff and equipment for simultaneous projects at different locations.
- The ability to determine the extent the proposed roadway improvements impacts the existing utilities.
- A project Manager and Project Engineer that has adequate experience in managing subsurface utility engineering projects.

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 System (EPAS).

15. **Job No. P-91-440-14, Phase I, IL 43 (Harlem Ave.) from 63rd Street to 65th Street, Cook County, Region One, District One.**

This project requires 20% DBE participation.

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 **October 28, 2014 at 1:00 P.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 IL 43 (Harlem Ave.) in the vicinity of 63rd Street to 65th Street which could include grade separation of the Belt Railway Chicago (BRC) Railroad crossings at 63rd Street and/or 65th Street. A key planning tool will include a public involvement program based upon the principles of Context Sensitive Solutions. The work will also include all related work necessary to complete a Phase I Combined Design Report and Environmental Assessment.

The department will furnish the Consultant with available microfilm plans, accident data, utility coordination and correspondence, structural inventory data, and archaeological, historical, biological, and special waste survey and coordination.

This estimated construction cost is expected to be \$50,000,000 to \$150,000,000. The completion date for this contract will be 24 months after authorization to proceed.

Key personnel listed on **Exhibit 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/supervise the work in the area of hydraulic/drainage calculations and preparation of the Drainage/Hydraulic Reports (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(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 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 water quality, traffic noise, community impacts and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.
- The person in charge of the CSS/Public Involvement procedures. Include a detailed description of the CSS/Public involvement work he/she has directed involving facilitation of public meeting and public hearing, organizing work groups and press conferences, drafting press releases and property owner contract letters, etc.

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

Location/Design Studies (Reconstruction/Major Rehabilitation)
Hydraulic Reports (Pump Station)
Structures (Railroad Bridges)

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 the firms 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. P-91-443-14, Various Phase I Projects, Various Routes, Various Counties, Region One, District One.**

This project requires 20% DBE participation.

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 **October 28, 2014 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 Phase I preliminary engineering and environmental studies throughout District One. The work may include new Phase I studies for intersections, small highway segments, bridges, and/or assisting the District in completing on-going Phase I studies and tasks. In addition, the Consultant may be required to assist the District with the management of an ADA Transition Plan. 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 & Staff, and report to the In-House 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, Categorical Exclusion Reports, 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 should have sufficient trained staff familiar with ADA/PROWAG requirements to be able to assist the District with field data collection as well as manage, process, and monitor data collected and incorporate it into a coherent GIS and/or IRIS compatible database.

The cumulative cost of construction of these projects is anticipated to be in excess of \$20,000,000. 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/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 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 Studies (Location Drainage)
Special Studies (Traffic Studies)
Hydraulic Reports (Waterways: 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).

17. **Job No. C-91-003-15, Various Phase III Projects, Various Routes, Various Counties, Region One/District One.**

This project requires 20% DBE participation.

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 **November 03, 2013 at 9:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist the Department's Engineers, Managers, and Technicians on various expressway and arterial roadside maintenance and repair construction projects throughout the Region One/District One area. One (1) to two (2) engineers and four (4) to six (6) engineering technicians are anticipated to be required for day and night time work during the 2015 through 2018 construction seasons. Typical work assignments would include but are not limited to general roadway and roadside maintenance and repair construction inspection and documentation. Various work activities consist of but are not limited to monitoring and adjusting work zone traffic control and site protection for quality control and monitoring and adjusting contractor work crew field activities for quality control. Various maintenance projects consist of but are not limited to sweeping, guardrail repair, pedestrian barrier/fence repair, cable road guard repair, drainage repair, PCC & bituminous concrete pavement repair, curb & gutter repair, pavement marking/painting/reflectorization, sign repair, drainage, surveying for existing damage, marking up existing damage, preparation of work orders, preparing and submitting any required documentation and providing general assistance as a member of a field crew. Survey/layout services may be required. There will also be required attendance at any project meetings as determined by the department. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. This work may be in either English or metric units.

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

The Consultants work includes but is not limited to providing staff, cell phones and vehicles with safety strobe lighting for personnel use on construction sites and for traveling between projects. The duration of time spent at a single location would vary as a function of work assignment needs.

The personnel must have a **STRONG** working knowledge of Departmental Specifications for Road and Bridge Construction, the Department Construction Manual, Traffic Control & Site protection, and Documentation Inspection procedures.

The completion date for this contact will be 48 months after authorization to proceed.

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.

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

- Project Manager

- Inspectors including a 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 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 and Prequalification Agreement System (EPAS).

18. **Job No. C-91-008-15, US 41 (Skokie Hwy): I-94 (Tri-State Tollway) to IL 21, Phase III Project, Lake County, Region One/District One.**

This project requires 25% DBE participation.

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 **October 28, 2014, at 8:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement of US 41 (Skokie Hwy): I-94 (Tri-State Tollway) to IL 21. Work includes, but is not limited to, pavement patching, milling, and resurfacing the pavement, milled rumble strip, signing, guardrail, pavement marking and reflective pavement marker, and all incidental and collateral work necessary to complete the improvement.

The department will furnish the Consultant with 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'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 anticipated construction completion date for this contract is October 31, 2015. 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:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)
- 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 for IDOT Documentation of Contract Quantities)**

- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class, Soil Testing)
- Materials Laboratory (prequalified in QA HMA & Aggregate and QA PCC & Aggregate)
- 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).

19. **Job No. C-91-007-15, US 41 (Skokie Hwy) at IL 132 (Under C&NW RR), Phase III Project, Lake County, Region One/District One.**

This project requires 25% DBE participation.

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 **October 28, 2014, at 9:30 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement US 41 (Skokie Hwy) at IL 132 (Under C&NW RR). Work includes, but is not limited to, intersection improvement, bridge replacement of the bridge structure carrying the Union Pacific Railroad over IL Route 132, retaining walls, drainage improvement, intersection lighting, and traffic signal modernization, and all incidental and collateral work necessary to complete the improvement.

The following structure may be included:

- S.N. 049-0602 (Intersection of US 41 @ IL 132)

The department will furnish the Consultant with 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'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 anticipated construction completion date for this contract is October 31, 2016 plus 5 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:

- The Liaison Engineer (An Illinois Licensed Professional Engineer is desired)

- 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 for IDOT Documentation of Contract Quantities**)
- The Materials Coordinator (RE Materials Training class is preferred)
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT Soil Testing)
- Materials Laboratory (prequalified in QA HMA & Aggregate and QA PCC & Aggregate)
- 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).

20. **Job No. D-91-456-14, Phase II Project Support and Management for Various Projects, Various Counties, Region One, District One.**

This project requires a 10% DBE participation.

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 **October 29, 2014 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for an engineering management and project support as well as other functions as assigned necessary to accomplish Phase II services. The Consultant will be available to provide staff responsible for structural and pavement design, cost estimating and economic analysis, railroad and utility coordination, CADD unit plan drafting, joint agreement preparation & negotiation, and geologic & waste assessment expertise and oversight. The Consultant may also be required to provide project managers to manage various Phase II projects which are under contract with other Consultant engineering firms and any other personnel to assist in various plan preparation work tasks as required. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. The Consultant personnel may be expected to perform work similar to an IDOT employee and is expected to perform the work at the District's office.

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

Joint Ventures will not be allowed on this project.

The department will furnish the Consultant with all department procedures, standards and specification, survey information, Project Reports, microfilm and all other available documents.

The estimated construction cost of these projects may range from \$200,000 to \$75,000,000. The completion date of the project 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, 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 QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Pavement Design Engineer for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Bridge Liaison Engineer for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of cost estimator for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of railroad and utility coordinator must have experience preparing and reviewing contract plans.
- The person who will perform the duties of geologic & waste assessment specialist must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Geologist. In addition, the following criteria is required:
 - Five to Ten years direct experience with special waste investigation, transportation project development and construction, and environmental laws, statutes and rules.
 - Detailed knowledge of United States and Illinois environmental regulations, as demonstrated by education, training and/or specific experience.
 - Competence with Microsoft Excel, Word, and Access.
 - OSHA 40 hours HAZWOPER training per 29CFR 1910.120.
 - Strong oral and written communication skills.
 - Specialized expertise on project related hazardous waste investigations and follows up actions. S/He works with environmental consultant contracts for investigation and remediation planning. This position advises the district office on appropriate procedures and/or courses of action relating to regulated wastes encountered during project development and construction. This position prepares, reviews, and/or approves Special Provisions for contract lettings that conform to departmental guidelines, are compatible with engineering requirements, and follow state and federal rules and regulations. This position also performs in concert with the hazardous waste portion of the Environmental Resource Surveys and studies Program that is accomplished through a contract with Illinois State Geological Survey (ISGS).

Typical problems include the difficult balancing of acceptable quality assurance/quality control of investigations with the department's need for expeditious risk assessment and abatement of projects prior to construction. The greatest challenge is to satisfy the needs of each in an efficient, timely, and cost effective manner while abiding by federal and state law and Department policy, and consistency with statewide Department procedures.

The position manages the development of hazardous waste investigations and follows-up on involvements identified by ISGS and others and/or encountered during construction. S/he coordinates and conducts reviews of proposals, recommendations for selections, negotiating contracts, and the evaluation of performance of these state wide consultants.

Consultant is expected to provide guidance to the district by attending coordination meetings, participating in project field meetings, providing technical training when necessary, and preparing and distributing Technical Environmental Memoranda. Timely and accurate coordination and advice is necessary to assure protection of staff, contractors and the public when hazardous materials are encountered. Discretion is also necessary to elicit an appropriate response and not cause undue alarm.

Other examples of environmental work activities and problems for which the position is responsible for solving include the following: sign and stamp as an Illinois Licensed Professional Geologist and/or Licensed Professional Engineer Uncontaminated Soil Certification forms (Illinois EPA LPC-663 forms); review construction plans that are identified as having potential involvement with special waste and ensure the correct pay items, quantities, and special provision(s) are included in the construction plans.

The geologic & waste assessment specialist position has authority to assign priorities, resolve technical problems, and monitor and approve Consultant work for hazardous waste studies.

Primary responsibilities anticipated:

- Provides technical expertise and guidance to the District.
- Assures that special waste documents conform to departmental guidelines, are compatible with engineering requirements, and consistent with state and federal law.
- Monitors special waste conducted by the District to assure that problems are adequately investigated and that the policy and procedures are uniformly applied.
- Directs the activities of Consultants for hazardous waste studies and recommends approval of their work.
- Evaluates the performance of project special waste Consultants and for their qualifications in hazardous waste.
- Keeps abreast of waste issues, both state and federal, and their potential effects on the department.
- Prepares special provisions for lettings based upon results of Phase II PSI results. Reviews construction plans prior to letting to ensure they are correct for special waste issues.

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 System (EPAS).

21. **Job No. C-93-158-14, US 34 from IL 47 to Orchard Road, Phase III Project, Kendall County, Region Two/District Three**

This Project May Contain Federal Funds.

This project requires 20% DBE participation.

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 **October 29, 2014 at 10:30 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for the reconstruction of US 34 from IL 47 to Orchard Road, west of Oswego. Work includes but is not limited to construction inspection of storm sewer, curb and gutter, additional lanes and pavement reconstruction to provide two traffic lanes in each direction.

The Consultant will perform on-site inspection, provide construction staking/layout when not provided for in the contract plans, verify construction staking/layout, provide on-site geotechnical and material inspection, prepare records, maintain documentation, and any other duties that would require the services of an engineer to complete this project in a timely basis and in accordance with State Specifications and Guidelines.

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 Consultant, and subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant will be asked to furnish a registered IL Professional Engineer or an approved non-licensed engineering technician to act as Assistant Resident Engineer (ARE) or inspector on this project. The Consultant is expected to perform on-site inspection, engineering layout, and verification of contractor staking, maintain documentation, submit pay estimates, submit change orders, and any other duties required to complete this project on a timely basis and in accordance with the State Specifications and Guidelines. The ARE should be knowledgeable in the use of the department's documentation tracking system (ICORS). The Consultant shall provide vehicles and equipment necessary to perform inspections.

The department will furnish the Consultant with Plans and Specifications.

The anticipated construction completion date is December 31, 2018. The Consultant must complete and submit final measurements, calculations, and final contract record documents to the department no later than six (6) weeks after completion of this project.

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

- The Assistant Resident Engineer (minimum 10 years' experience as a Resident Engineer is desired). 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 Inspectors. (1 to 3 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 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).

22. **Job No. C-94-133-14, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four**

This project requires 25% DBE participation.

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 **October 24, 2014** 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. Projects may consist of, 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.

The Consultant will also be asked to furnish approved personnel to assist the 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 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 will 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 also be asked to continue the implementation of an existing Independent Weight Check program within the District. If this becomes necessary, the Consultant will be trained on how to manage the program and what correspondence will be required.

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 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 (must be an Illinois Licensed Professional Engineer).
- The Resident Engineer(s) / Construction Inspector(s) (with current IDOT Construction Documentation certificate)

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

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

23. **Job No. C-94-132-14, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four**

This project requires 25% DBE participation.

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 **October 24, 2014** at **10:30 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. Projects may consist of, 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.

The Consultant will also be asked to furnish approved personnel to assist the 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 will 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 also be asked to continue the implementation of an existing Independent Weight Check program within the District. If this becomes necessary, the Consultant will be trained on how to manage the program and informed of correspondence required.

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 completion date for this project 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 (must be an Illinois Licensed Professional Engineer).
- The Resident Engineer(s)/Construction Inspector(s) (with current IDOT Construction Documentation certificate).

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

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

24. **Job No. D-96-001-15, Various Surveys, Various Routes, Various Counties, Region Four/District 6.**

This project requires 10% DBE participation.

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 **October 29, 2014 at 11:00 A.M.** in the Region Four/District 6 Office in **Springfield**.

Engineering services are required for miscellaneous surveys throughout District 6. It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Year 2015. 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 as-built construction plans, directions on completing the surveys, and any other available data.

The Consultant's work may include, but is not limited to, route surveys, bridge and hydraulic surveys, right-of-way staking, soil boring stake outs and land surveys.

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 the project manager for all aspects of the work documents must be an Illinois licensed Land Surveyor.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed 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).

25. **Job No. C-96-200-15, Phase III Project for High Speed Rail (HSR) at various complex crossings, Various Routes, Logan, Macoupin, and Sangamon Counties, Region Four/District Six.**

This Project May Contain Federal Funds.

This project requires 20% DBE participation.

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 **October 28, 2014 at 10:00 A.M.** at the Region Four/District Six Stevenson Annex Office in Springfield.

Phase III engineering services are required for the Consultant to provide a Resident Engineer/Resident Technician(s) as needed, construction inspector(s), and others to provide full documentation and QA field testing of the individual projects from the pre-construction meeting to project close out. Each project will include a pay item for the contractor to provide Construction Layout. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant may be working with various entities from the local agencies, IDOT (Highways and Public & Intermodal Transportation (DPIT), Federal Rail Administration in FY2014 thru 2016, yet to be determined. Crossings are anticipated to be anywhere from a one month to eight months duration for construction, with the potential of multiple crossings being under construction at any given time, by various contractors.

All crossings are at-grade railroad crossings on either the State or local highway systems along the HSR corridor. The proposed improvements include, but are not limited to, milling & resurfacing, pavement reconstruction and widening, changes to vertical profiles, new construction on new alignment, improved intersection geometry, and traffic signal installation, lighting and traffic signal modernization. These improvements will vary from crossing to crossing. The department will furnish the Consultant with 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 sub consultant(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 for this project.

The Consultant will also provide the 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. Any HMA or PCC testing in the lab will be coordinated with District Six Materials and performed by the District.

The anticipated construction completion date for all projects is December 31, 2017. 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 each project.

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

- The Liaison Engineer (an Illinois Licensed Professional Engineer is desired).
- Resident Engineer(s) / Resident Technician(s) (a minimum 3 years' experience as a Resident Engineer/Resident Technician is desired). A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of the Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC) and soils training are required. The RE/RT shall have sufficient experience and knowledge to oversee their staff, work with the contractor, the ability to make field decisions within their authority, and to communicate effectively with District Six Construction and Material staff, along with others on various issues during construction.
- The Document Technician(s). 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 Documentation of Contract Quantities).
- The Construction Inspection Technician(s). The inspector should be familiar with IDOT inspection duties and requirements. The construction inspector should be capable of performing geometric and physical layout as needed for construction purposes.
- The Materials QA Field Technician(s). This person shall have a HMA Nuclear Density certification, PCC Level I certification, and IDOT Class, Soil Testing.

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).

26. **Job No. R-96-002-14, Various Survey Projects, Various Routes, Various Counties, Region Four/District 6**

This project requires a 10% DBE participation.

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 **October 29, 2014 at 10:00 A.M.** in the Region Four/District 6 Office in **Springfield**.

Engineering services are required for miscellaneous surveys throughout District 6. It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Year 2015. 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 any available data.

The Consultant's work may include, but is not limited to, route and land surveys, plat preparations, right-of-way plan preparation courthouse research, centerline layout and other work associated with the engineering and acquisition of land needed for highway projects . The department will direct as to how the surveys and plats will be completed.

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 the project manager for all aspects of the work documents (must be an Illinois licensed Land Surveyor).
- The person who will perform the QC/QA review work of all milestone 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 to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

27. **Job No. D-97-056-14; Various Phase I/II Projects, Various Routes, Various Counties, Region Four, District Seven.**

This project requires 15% DBE participation.

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 **October 29, 2014 at 1:30 P.M.** in the Region Four, District Seven Office in **Effingham**.

Phase I/II engineering services are required for various projects throughout District Seven. 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 English or metric units.

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, 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, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, 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. No work on these projects is to occur until the work order is assigned.

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.

The estimated construction costs of each project may range from \$100,000 to \$3,500,000. It is anticipated that this contract will include approximately 3 to 15 different projects. 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 36 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the 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 reports and/or plans (must be an Illinois Licensed Professional Engineer)

- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). Surveying prequalification category requirement may be completed by Sub and/or Prime.
- 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 prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads & Streets)
Location Design Studies (Rehabilitation)
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).

28. **Job No. C-98-079-14, Phase III Various Projects, Materials QA Testing for Various Projects, Various Counties, Region Five, District Eight.**

This project requires 20% DBE participation.

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 **November 12, 2014 at 10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

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) and pipe and precast producers. Additional services and responsibilities include structural steel and miscellaneous materials inspection at various sources or jobsites. 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 daily assignments to various construction jobsites, bituminous or concrete plants, quarry field offices, District Lab facilities and pipe and precast facilities and various producers and suppliers of structural steel and miscellaneous materials.

The Consultant's work includes plant and on-site inspections, sampling and material testing.

The Consultant will carry out quality assurance duties as defined in the construction contract, Policy Memorandum 19-08 and the Consultant agreement. The Consultant will maintain records and submit documentation of QC and QA activities required by the construction contract and Policy Memorandum 19-08.

The completion date for this contract will be 48 months after authorization to proceed.

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

- The Materials Coordinator Engineer who will assume duties as project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- Materials Concrete/Bituminous Testing Technician/Inspector - QC/QA Level 1, Level 2 and/or Level 3 (HMA and PCC) and include specific details of aggregate source certification, and details of experience with materials inspection.
- Proportioning/Testing Technicians, to include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- Structural Steel and Miscellaneous Materials Source Inspector.

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).

29. **Job No. C-98-069-14, Various Construction Inspection Projects, for Various Routes, Various Counties, Region 5/District 8.**

This project requires 20% DBE participation.

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 **November 6, 2014 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 for various projects 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 a 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 will 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.

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 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. The majority of projects are scheduled for construction during the 2015 construction season. Completion date for this project will be 48 months after authorization to proceed.

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

- The Liaison Engineer
- Technicians (Concrete/Bituminous proportioning include details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of past 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 Documentation of Contract Quantities.**)
- The Materials Coordinator
- The Materials QA Technician
- Nuclear Density Inspectors (include evidence of appropriate QC/QA density training and license)
- 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).

30. **Job No. C-98-077-14, Various Geotechnical Services, Various Routes, Various Counties, Region Five/District Eight.**

This project requires 15% DBE participation.

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 **November 13, 2014 at 10:00 A.M.** at the Region 5/District Eight Office in **Collinsville**.

Phase I and/or II engineering services are required for all work required for preparation of Roadway Geotechnical Reports (RGRs) and Structure Geotechnical Reports (SGRs) at various locations throughout District Eight. In addition to RGRs and SGRs, the work may also consist of pavement cores and evaluations, ground water studies, and specialized geotechnical analysis and design as needed and may include Program Development Training. 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 the available plans (may be electronic or paper), historical data, and survey bench marks necessary to perform the work.

The Consultant's work is anticipated to include all management, layout, provisions for traffic control, drilling, laboratory testing, analysis, drafting, and report preparation necessary for RGRs and SGRs or others projects as assigned.

Completion date for this contract will be 48 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 be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural 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 QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

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

Geotechnical Services (Subsurface Exploration)
Geotechnical Services (General Geotechnical Services)
Geotechnical Services (Structure Geotechnical Reports)

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. C-99-001-15, Various Phase III Projects and Miscellaneous Materials Inspection and Testing, Various Routes, Various Counties, Region 5/ District 9.**

This project requires 15% DBE participation.

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 **November 6, 2014, at 8:00 A.M.** at the Region Five/District Nine Office in Carbondale.

Phase III engineering services are required to perform the Quality Assurance(QA) and material inspection responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC), soils, aggregates, pipe and precast culverts, and other miscellaneous materials at various construction projects and producer locations. Services and responsibilities include independent assurance inspection, sampling, and testing for the Department of these various construction materials according to State and Federal guidelines at both plants and jobsites. These responsibilities include documenting and reporting of all quality assurance inspections and testing. Sampling, testing, and acceptance of construction materials shall be in accordance with the Department's policies, "Manual of Test Procedures for Materials," highway standards, individual construction contract plans and special provisions. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant's work includes inspection, sampling, and testing of various materials from producer/contractor source and jobsite locations. Potential work assignments may include construction sites, producer locations, and the District Materials Laboratory. The Consultant will carry out quality assurance duties as defined in the construction contract, the Departments Manual of Materials Inspection, Manual of Test Procedures for Materials, Project Procedures Guide and the Consultant agreement. The Consultant will maintain records and submit documentation of QA and material acceptance activities required by the construction contract, Department policies and as directed by the Department's Supervising Materials Field Engineers.

The Consultant may be asked to provide trained technicians to perform nuclear density testing for embankments, aggregates, and HMA pay items. Consultants will provide their own gauge, bunker, and transport box. Consultants will have their own nuclear license and will not be covered by the department's license.

In addition, the Consultant may be asked to provide Hot Mix Asphalt (HMA) testers to perform various testing in the District 9 Laboratory at 2801 West Murphysboro Road in Carbondale. The inspector(s) will be responsible for doing various aggregate and/or HMA testing at the direction of the IDOT Laboratory Supervisor. All testing will be performed on IDOT equipment.

The Consultant will provide tools of the trade. The Department will furnish the Consultant with all necessary plans, specifications, and related forms for record keeping.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their Subconsultant(s) on the same project or on material coming 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 estimated construction cost for these assigned projects may range from \$100,000 to \$25,000,000. The various projects are scheduled for construction during the 2015, 2016, 2017 and 2018 construction seasons. The completion date for this contract will be 48 months after authorization to proceed.

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

- Liaison Materials Coordinator who will assume duties as Project Manager for all aspects of the work. Include relevant education, training, and experience.
- QC/QA Level 1 HMA Testing Technicians, include relevant training and experience.
- ACI Grade 1 PCC Testing Technicians, include QC/QA training and experience.
- Miscellaneous Materials Inspectors, include relevant training and experience.
- Soils and Nuclear Density Inspectors include relevant training and experience in soils, HMA and license information.

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).

32. **Job No. C-99-003-15, Various Construction Inspection Projects, Various Routes, Various Counties, Region 5, District 9.**

This project requires 15% DBE Participation.

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 **November 6, 2014**, at **1:00 P.M.** at the Region Five/District Nine Office in Carbondale.

Phase III engineering services are required to provide construction supervision, inspection, engineering layout, and/or record maintenance for various projects in District Nine. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

There may be instances where the Consultant will be required to furnish a Resident Engineer complete with staff capable to run individual projects and work directly with the Department's Construction Field Engineers to ensure adequate engineering services required for these projects are in place. 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 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.

The Consultant must be capable to either assist the Resident Engineer or in some instances act as the Resident Engineer to prepare all documentation of the project. The various proposed projects may consist of pavement and surface removal, patching and resurfacing, bridge repair, bridge rehabilitation, electrical work, bridge replacement, widening and resurfacing, vertical/horizontal realignment and/or new roadway projects.

The Consultant will provide tools of the trade. The department will furnish all necessary plans, specifications, standards, and related forms for record keeping.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their Subconsultant(s) on the same project or on material coming 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 estimated construction cost for these assigned projects range from \$100,000 to \$25,000,000. The various projects are scheduled for construction during the 2015, 2016, 2017 and 2018 construction seasons. The completion date for this contract will be 48 months after authorization to proceed.

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

- The Resident Engineer(s). Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities. Knowledge of the Department's ICORS system and minimum 5 years' experience as a Resident Engineer desired.

- The Documentation Technician(s). The person(s) actively performing the documentation on the projects must possess a current IDOT Documentation certificate. (**Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities**).
- Construction Inspectors. Experience and workable knowledge of IDOT inspection duties and requirements. Capable of performing geometric and physical layout as needed for construction purposes.

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).

33. Job No. C-99-002-15, Various Phase III Projects, Various Routes, Various Counties, Region 5, District 9.

This project requires a 15% DBE Participation.

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 **November 6, 2014**, at **10:00 A.M.** at the Region Five/District Nine Office in Carbondale.

Phase III engineering services are required to provide construction supervision, inspection, engineering layout, and/or record maintenance for various projects in District Nine. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

There may be instances where the Consultant will be required to furnish a Resident Engineer complete with staff capable to run individual projects and work directly with the Department's Construction Field Engineers to ensure adequate engineering services required for these projects are in place. 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 must be capable to either assist the Resident Engineer or in some instances act as the Resident Engineer to prepare all documentation of the project. The various proposed projects may consist of pavement and surface removal, patching and resurfacing, bridge repair, bridge rehabilitation, electrical work, bridge replacement, widening and resurfacing, vertical/horizontal realignment and/or new roadway projects.

The Consultant will provide tools of the trade. The department will furnish all necessary plans, specifications, standards, and related forms for record keeping.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their Subconsultant(s) on the same project or on material coming 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 estimated construction cost for these assigned projects range from \$100,000 to \$25,000,000. The various projects are scheduled for construction during the 2015, 2016, 2017 and 2018 construction seasons. 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. The completion date for this contract will be 48 months after authorization to proceed.

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

- The Resident Engineer(s). Include the Documentation Certificate Number for IDOT class, Documentation of Contract Quantities. Knowledge of the Department's ICORS system and minimum 5 years' experience as a Resident Engineer desired.

- The Documentation Technician(s). The person(s) actively performing the documentation on the projects must possess a current IDOT Documentation certificate. (**Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities**).
- Construction Inspectors. Experience and workable knowledge of IDOT inspection duties and requirements. Capable of performing geometric and physical layout as needed for construction purposes.

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).

34. **Job No. P-30-002-15, Services required to obtain statewide one-foot Orthoimagery (less the Chicago Urban area), Bureau of Design and Environment**

This Project May Contain Federal Funds.

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 **October 30, 2014 at 10:00 A.M.** at the Harry R. Hanley Building, Bureau of Design and Environment, in **Springfield**.

The Consultant shall acquire 4-band natural color and color infrared (CIR) source imagery to support production of digital ortho-rectified images to a ground pixel resolution of 0.30 meters (nominal 1 foot) covering approximately 52,251 square miles of the state of Illinois. The coverage is expected to exclude the Chicago Area Counties of McHenry, Lake, Kane, DuPage, Cook, Kendall and Will.

The Consultant shall acquire high resolution ortho imagery, which shall cover the area as described above. Uncompressed-geotiff orthorectified imagery and corresponding metadata for the entire area is required.

Production, Project, and Supplemental Reports as specified.

- **NOTIFICATION:** The Department will be notified within 24 hours of the start of acquisition of data. Notification can be made by e-mail and is for information purposes only, not permission to proceed.
- **PERMITS:** The Consultant shall be responsible for obtaining all permits, which may be required in the performance of this project, which shall include, but not be limited to any permits for acquisition of data in controlled or restricted airspace, and access to control points on the ground.
- **USE AND DISTRIBUTION RIGHTS:** All imagery and data produced under this agreement shall become the property of the DEPARTMENT. All data and documentation shall be free from restrictions regarding use and distribution. Data and documentation shall be freely distributable by the DEPARTMENT.

Consultant will be responsible for coordination/invoicing with other state agencies, planning commissions, counties, local municipalities, etc. who wish to participate in this project. There will be two participation levels:

- **Funding Partner:** Entity will provide a minimum of \$15,000 and will receive a copy of the 1' digital ortho-rectified images collected. Their area of interest may be given priority for delivery.
- **Buy-Up Partner:** Entity will pay to have their area of interest acquired to provide 6" digital ortho-rectified images. Cost will be determined based on area of coverage. Their area of interest may be given priority for delivery.

The DEPARTMENT may utilize other sources for QA/QC of the deliverables.

The completion date for this contract will be 24 months after authorization to proceed. The acquisition is to be completed in the Spring of 2015 with final product delivery required in 4 months of completion.

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 and required reports.
- Certified Photogrammetrist(s) Experience and workable knowledge of duties and requirements and who will be directly involved in the day to day aspects of the project.
- The person(s) who will perform the QC/QA review work of all milestone submittals.

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

Statements of Interest shall include specific details on how the Consultant will approach this project including, but not limited to:

- Specific cameras/digital sensors to be used and total number to be used
- Approach to flying to expedite collection
- Anticipated delivery schedule and what resources will be devoted to accomplish this schedule including where and who will do data processing
- How the coordination/invoicing will be handled with potential partners
- How building lean in high-rise urban areas will be handled and in what areas this is anticipated to occur

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. P-30-001-15, Various Statewide Waste Assessments, Studies and Designs, Bureau of Design and Environment.**

This project requires **5% DBE** participation.

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

The Consultant selected for this project, and all subconsultants the prime Consultant will be using, is scheduled to attend a negotiation meeting on **October 29, 2014 at 1:00 P.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.Supart 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, conduct field work within 10 working days after authority to proceed, draft report within 3 months after the authority to proceed, and final report two weeks following IDOT comments. For emergency response oversight, the Consultant will be required to respond within four hours.

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). 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 6.26 and 9.0. 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.

The Consultant may also be required to perform work in the central office, as needed, to assist the Bureau of Design and Environment (BDE) in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and Consultants.

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, Corps of Engineers, 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'.

The completion date for this contract (excluding emergency response oversight) will be 36 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.
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 on IDOT projects is not necessarily required. Some work will involve requiring experience equivalent to with 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:

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

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 System (EPAS).

36. **Job No. SPR-PL-3000(50), Comprehensive Truck Study on Size and Weight, Office of Planning and Programming.**

This Project May Contain Federal Funds.

This project requires a 15% DBE participation.

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

The Consultant selected for this project, and all subconsultants the prime Consultant will be using, is scheduled to attend a negotiation meeting on **November 3, 2014 at 10:00 A.M.** at the Harry R. Hanley Building, Office of Planning and Programming in **Springfield**.

US DOT is conducting a comprehensive study regarding truck size and weight limits as directed by MAP-21. In order to be prepared to comment on the results of the study and any resultant proposals for increases under national law and regulations, the department is seeking a Consultant to complete a comprehensive study to identify and quantify the impact to Illinois' extensive network of roadways and bridges should such increases occur. The Illinois study is intended to provide an analysis of the potential impacts of increased truck size and weight including, but not limited to potential structure and pavement impacts; choke points; geometric design issues; and all potential costs to the state. The study is expected to inform the department of the ramifications should federal law permit changes in truck size and weight regulations and ready the department to provide meaningful input into the national study.

The completion date for the contract will be 24 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 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 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).

Statements of Interest must also include the firms experience with this type of work and a project approach to preparing the study. The Prime Consultant and/or the subconsultants must include experience with load rating procedures and the AASHTOWare Bridge Rating software.

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

Highways: Roads and Streets
Structures: Highways: Advanced Typical
Special Studies: Safety

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. P-30-003-15 Northeastern Illinois Travel Demand Management Pilot Program, Office of Planning and Programming.**

This project requires 15% DBE participation.

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

The Consultant selected for this project, and all subconsultants the prime Consultant will be using are required to attend a negotiation meeting on **October 29, 2014 at 1:00 P.M.** at the James R. Thompson Center Building, 100 W Randolph St. Chicago, IL 60601.

Engineering services are required from Consultants experienced in transportation demand management (TDM) program administration, performance analysis and stakeholder facilitation. The primary objectives of this project are to establish, operate and monitor a five-year Transportation Demand Management pilot program in the seven-county Northeastern Illinois region (Cook, DuPage, Kane, Lake, McHenry, Will and Kendall). The Consultant will be expected to work with the region's transportation providers, Transportation Management Associations, local businesses, and program funders to coordinate the program.

TDM programs, as defined by the Federal Highway Administration (FHWA) in their Travel Demand Management Toolbox, are programs that promote alternative transportation options to the single-occupant vehicle with the goal of reducing transportation congestion, expanding mobility options, improving air quality, and using resources more efficiently. The regional transportation authority and the City of Chicago DOT are all partners to this effort.

The Consultant will be responsible for the timely delivery of the following anticipated program products:

- **Commuter Options Brand/Strategic Marketing Plan-** the consultant will be responsible for developing a TDM program brand that includes, but is not limited to, a logo, taglines, promotional materials, advertising across various forms of media, and a detailed plan of phased approach for five (5) years. To avoid duplication this plan should be coordinated with all other marketing plans in the region.
- **Resource Website-** the Consultant will be responsible for developing and maintaining a program website that provides commuters, employers and the general public with information related to using various modes of transportation in the region including links to the websites of existing programs, services and travel information applications (i.e. RTA Trip Planner, RideScout, Transit) The website domain name, licensing, maintenance, and updates will be fully integrated in overall cost. All information and webhosting rights will be retained by the Illinois Department of Transportation.
- **Regional Guaranteed Ride Home (GRH)** – the Consultant will be responsible for establishing and operating a regional guaranteed ride home program for commuters that use modes other than SOVs. The program must be coordinated with Pace's existing guaranteed ride home program for its Traditional Vanpool and Metra Feeders riders, as well as other guaranteed ride home programs in the region. The contractor will be responsible for developing the qualifications for GRH, record keeping, and logistical coordination between ride service and the end-user.

- **Incentive and Reward Program-** the Consultant will be responsible for developing and administering a program, or programs, that incentivize and/or reward commuters to switch from single-occupancy vehicle commuting to other modes of transportation. The program(s) must track participants' progress and calculate reductions in vehicle miles traveled (VMT), and carbon emissions, as well as other performance metrics. All data will be exportable to MS Excel 2010, and be proprietary to IDOT.
- **Comprehensive Performance Analysis-** the Consultant will be responsible for monitoring and analyzing the performance of the region's TDM program. The Consultant will be responsible for providing the Steering Committee and IDOT quarterly reports related to VMT and carbon reductions, as well as other performance indicators to be determined by IDOT. All mathematical calculations will be itemized and reviewed by IDOT prior to the release of the first quarterly report. The mathematical calculations will show steps on how data was compiled and developed. This document will be provided separately to the department.

The above elements are considered to be the minimum requirements for the Northeastern Illinois TDM program. The Consultant will be expected propose innovative program elements that are designed support a successful implementation and performance of this TDM program.

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 Program Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- Person(s) who will be directly in charge of the following projects and programs: Commuter Options Brand/Strategic Marketing Plan, Resource Website, Regional Guaranteed Ride Home, Incentive & Reward and the Comprehensive Performance Analysis.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer with adequate experience in this work

Statements of interest must also include the following:

- **Understanding of Project Objectives** - List of principal partners; a brief discussion demonstrating the respondent's understanding of the services to be provided.
- **Technical and Management Approach** - This section should reflect the respondent's knowledge of the involved agencies and the role they will play in the process and should demonstrate a knowledge of related projects/initiatives and their potential relationship to the delivery of the services of this pilot program. Respondents must provide the names and positions of all staff proposed and organization chart that clearly establishes principal team member firms and major sub-consultants. Respondents should also identify any specialty sub-consultants which may not necessarily be part of the core team, but would

be available on an as-needed basis for specialty support. In addition, the qualifications should briefly address how the efforts of each of the team members will be coordinated.

- **Capabilities and Experience** – Respondents must state the qualifications and experience of the qualified team, emphasizing the specific qualifications and experience acquired while providing services similar to those being sought by the department. Also, background and experience related to activities and services being sought after in this advertisement will need to be clearly outlined, including which staff has participated in which activities.
- **References-** Consultant(s) will be required to submit no less than two (2) and no more than four (4) references from past clients who received similar services from said Consultant(s). These references must include detailed description of work completed and current contact information for the given client.

The prime firm must be prequalified in the **Transportation Studies (Mass Transit)** category to be considered for this item.

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).

Presentations may be required the week of October 20, 2014

Notice for Teaming Clarification

5-1-14

The Joint Venture terminology is no longer being used. We are still allowing the practice of multiple firms joining efforts (prequalification categories and staff) to submit as a prime on a Professional Transportation Bulletin. Only the name has changed. The term Teaming is now used instead of Joint Venture. The Name Change is the only change.

The action of joining forces with another consultant to submit on a Professional Transportation Bulletin is now called Teaming. All policies and procedures referring to Joint Venture still apply with Teaming as the new name of the effort.

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 can be submitted through EPAS. The firm's interested in performing as a Team must coordinate with each other and submit through EPAS. The lead firm should submit 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/doing-business/procurements/engineering-architectural-professional-services/index#SOI>

NOTICE

Consultant Prequalification News

February 1, 2014

The Engineering Prequalification & Agreement System (EPAS) has been modified to indicate when the Statement of Experience and Financial Condition (SEFC) Prequalification submittal is required. Firms which do not submit by the deadline (due date is 6 months after the firm's fiscal year end date) will be marked as "Not Approved" and the main contact in EPAS will be sent an e-mail.

There have been modifications to the Prequalification Categories:

An additional Hazardous Waste Category has been added. The Categories will be:

Hazardous Waste: Simple, the requirements will not be as complex as the current requirements.

and

Hazardous Waste: Advance, the requirements for prequalification will be the same as the current Hazardous Waste Requirements

The categories for Structures: Major River Bridges:

- Steel Girder
- Tied Arch
- Segmental Concrete Box Girders
- Continuous Cantilever Truss
- Cable Stayed Girders

Are being removed and will be replaced with one category, **Structures: Major Bridges**.

All firm's interested in becoming prequalified in the new categories, must request consideration in the new categories. If the firm will be doing a New SEFC then new categories can be selected at that time. If not doing the New SEFC then use the Amend option and select the new Categories.

For firm's currently prequalified in Hazardous Waste, your firm will automatically be prequalified in the Hazardous Waste: Advance category. Firms will be required to request the Hazardous Waste: Simple category. When completing the Hazardous Waste Simple Questionnaire, state the Firm is currently prequalified in Hazardous Waste and all information is located in Hazardous Waste: Advance Questionnaire.

For the New Structures Category, Structures: Major Bridges. All interested Firms will have to request and complete the questionnaire in EPAS. The new categories are available to be selected in EPAS.

The Description and Minimum Requirements is being updated and will be available shortly on the website with the information for the new categories. Go to Doing Business, Consultant Services, Consultant Prequalification and Select Description and Minimum Requirements: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Prequalification>

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 10/13.](#)

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

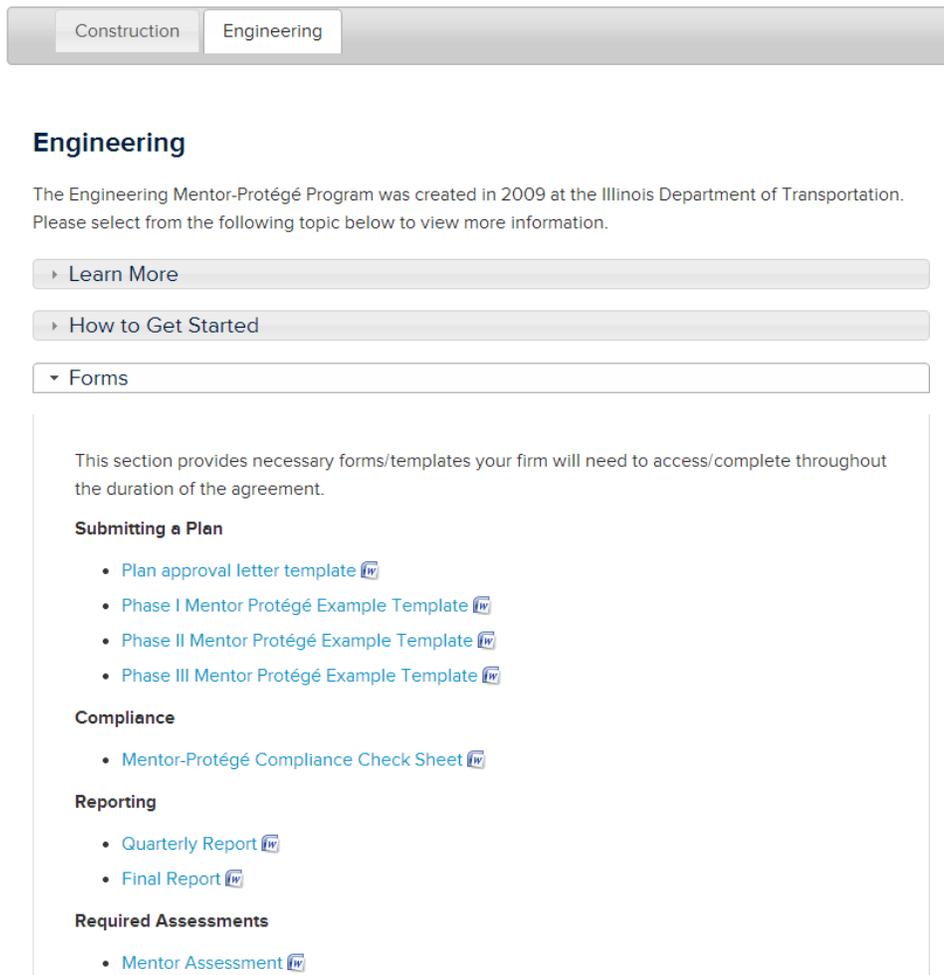
▶ Supplemental Agreement

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>



The screenshot shows a web interface with two tabs: "Construction" and "Engineering". The "Engineering" tab is selected. Below the tabs, the heading "Engineering" is displayed. A paragraph states: "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." There are three expandable menu items: "Learn More", "How to Get Started", and "Forms". The "Forms" menu is expanded, showing a list of links under several categories: "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), and "Required Assessments" (Mentor Assessment). Each link includes a small PDF icon.

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>

ELECTRONIC PLAN SUBMITTAL

The Department of Transportation is in the process of implementing an electronic bidding process. In preparation of the new bidding process, the electronic submittal of plans from each District office to the Central Bureau of Design and Environment is being implemented. Effective for the March letting in addition to the paper copies required by each District, all contract plans and specifications will have to be submitted electronically to the District office. Please reference the CADD ROADWAY AND STRUCTURE PROJECT DELIVERABLES POLICY for information on the electronic submittal.

The policy is available on our website under doing business/ consultant services/ CADD Roadway Guideline or a this link <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/Consultant-Resources> . As a reminder CADD related files (dgn & gpk) are also required at the time of plan submittal to the District office. If you have any questions regarding electronic plan submittal, please contact the CADD supervisor in the appropriate District.

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 coordinated by Mary J. Fries of the University of Illinois. The Illinois Center for Transportation (ICT) 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. Mary J. Fries can be contacted at mjfries@illinois.edu or (217)552-2432. 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/home/documentation_certification.html.

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.

Laura Mlacnik, P.E.
Engineer of Materials
And Physical Research

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/Consultant-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 Carol Lyle in the Office of Business and Workforce Diversity.

“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, contract 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
For
Prequalification of Consultants & DBE Revisions

Prequalification:

As stated in each Professional Transportation Bulletin under the guidelines:

Consultant firms acting as prime must be prequalified in all of the advertised areas listed in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. If the prime is not prequalified in the required category(s) stated in the project advertisement, that firm's Statements of Interest cannot be considered for the item.

Within the Statements of Interest (Exhibit A page 3 of 3) the prime must identify any subconsultants and the item(s) of work they will perform. Subconsultants must be prequalified in the category of work they will be performing.

Also as stated in the Standard Agreement Provisions: 2.24 SUBLETTING, ASSIGNMENT OR TRANSFER:

Subconsultants must be prequalified in accordance with the department requirements. For specialized services that are required but which do not fall into the areas of prequalification of the department, a non-prequalified firm may be used with department approval.

DBE Participation:

The U.S. DOT regulation, 49CFR Sec. 26.55(a), states, "When a DBE participates in a contract, you count only the value of the work actually performed by the DBE toward the DBE goals." The IDOT and U.S. DOT regulations further state:

When a DBE subcontracts part of the work its contract to another firm, the value of the subcontracted work may be counted toward DBE goals only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

Effective immediately all subconsultant proposals where a DBE is utilized for the main contract and it is necessary for them to obtain non professional services which would be listed as a direct cost, the amount of those services will not apply to the DBE goal. For example if a DBE geotechnical firm is being used and they use a non-DBE drilling company to do the borings, the cost for this work will not apply to the DBE goal.

However any direct costs incidental to doing the work, per diem, hotel costs etc. will still counted toward the goal.

NOTICE OF TRAINING OPPORTUNITY

Updated 8-4-14

Lakeland College Training Courses

Lake Land College - Illinois Department of Transportation QC/QA Training Program

Please visit the web-site for further information. <http://www.lakeland.cc.il.us/as/idt/index.cfm>

Reservations must be made by contacting Kathy Willenborg at:

Lake Land College
5001 Lake Land Blvd.
Mattoon, IL 61938-9366
Phone: (217) 234-5285

National Highway Institute (NHI) Courses

NHI Course listings as well as other pertinent information is available at the following address:

<http://www.nhi.fhwa.dot.gov/default.aspx>

National Transit Institute (NTI) Courses

NTI Course listings as well as other pertinent information is available at the following address:

<http://www.ntionline.com>