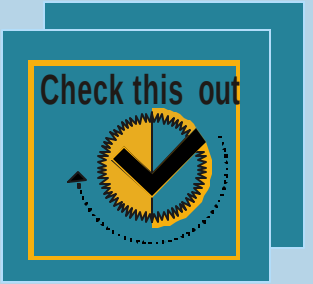
Professional Transportation Bulletin

PTB 169

August 8, 2013
Revised August 21, 2013

Statements of Interest are due before 12:00 p.m.
on September 6, 2013
Selection Date: October 23, 2013



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

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: October 23, 2013

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: August 21, 2013.

Note:

- The selection date **has not** changed; it is scheduled for October 23, 2013.
- The Statements of Interest due date is September 6, 2013 at 12:00 p.m. (noon)
- The revisions are highlighted in yellow in the advertisements.

Item 33: The Key Personnel Requirements was clarified for Structures and QC/QA.

Item 39: The Key Personnel Requirement for divers was revised

Item 40: The anticipated work description was clarified.

Item 48: Additional information regarding the Key Personnel required on Exhibit A and the prequalification category Structures: Highway Simple was changed to Structures: Highway Advanced Typical.

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.dot.il.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(Acting)
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. Joseph Crowe
401 Main Street
Peoria, IL 61602

District 5
Mr. Joseph Crowe
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 (Acting)
District 8
1102 Eastport Plaza Drive
Collinsville, IL 62234

Mr. Jeffrey Keirn (Acting)
District 9
State Transportation Building
P.O. Box 100
Carbondale, IL 62903

Tentative Schedule
For
Professional Transportation Bulletins

ACTIVITY	PTB 170	PTB 171	PTB 172	PTB 173	PTB 174	PTB 175	PTB 176
PUBLISH PTB	**11-14-13**	**02-06-14**	**05-01-14**	**08-07-14**	**11-06-14**	**02-05-15**	**05-07-15**
***STATEMENTS OF INTEREST ARE DUE	**12-05-13**	**02-27-14**	**05-22-14**	**08-28-14**	**12-04-14**	**02-26-15**	**05-28-15**
SELECTION MEETING	**01-29-14**	**04-23-14**	**07-16-14**	**10-22-14**	**1-28-15**	**4-22-15**	**7-22-15**

***** STATEMENTS OF INTEREST FOR THE CURRENT PTB MUST BE RECEIVED BETWEEN, Publish Date 08-08-13 & 9-6-13 (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.

E-mailed Statements of Interest **WILL NOT** be considered.

NOTICE

Proposed Negotiation Meeting information for Items will be available at the following link: http://www.dot.il.gov/dobuisns.html

Link for negotiation information

Consultant Services

Consultant Forms
Consultant Mentor Protégé Program
Consultant Prequalification ***New***
Consultants Professional Transportation Bulletins
Engineering Prequalification and Agreement Letter from Secretary
Facility Cost of Capital Rates
Federal Mileage Reimbursement Rates (for existing contracts with CONUS)
Frequently Asked Questions
IDOT CADD Support
Negotiation Information for Current Bulletin
Prequalification Enhancement Committee
Professional Transportation Bulletin Schedule
Standard Agreement Provisions for Consultants
State Mileage Reimbursement Rates
Uniform Audit and Accounting Guide
Vendor Documents System

- **Region 1**
  - **John Fortmann**
    - **District 1**
      - **Items 1 - 22**

- **Region 2**
  - **Paul Loete**
    - **District 2**
      - **Item 23**
    - **District 3**
      - **Items 24-25**

- **Region 3**
  - **Joseph Crowe**
    - **District 4**
      - **Items 26-28**

- **Region 4**
  - **Roger Driskell**
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- **Region 5**
  - **Jeffrey Keirn**
    - **District 8**
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    - **District 9**
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- **Bureau of Bridges & Structures**
  - **Carl Puzey**
    - **Items 38-41**

- **Bureau of Local Roads**
  - **James Klein**
    - **Item 42**

- **Bureau of Railroads**
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- **Office Planning & Programming**
  - **Jeffrey South**
  - **Item 43 (Operations/Planning)**
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Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #169
Revised August 21, 2013

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, Sept. 06, 2013. 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, ie 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 and account.

The instructions for using EPAS are located on the IDOT Website under Doing Business, Consultant Services, Consultant Prequalification, EPAS Instruction Manual: http://www.dot.il.gov/desenv/preqcons.html

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 and item(s) of work they will perform. If a DBE Goal is in the advertisement list the DBE subconsultant(s) and work the firm will be performing. 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 1and 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

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.dot.il.gov/desenv/preqcons.html

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. 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. BDE Forms are also located at http://www.dot.il.gov/desenv/deform.html

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3.	Will	D-91-010-14, FAI 55, I-55 (Weber Road) from Normantown Road to 135th Street/Romeo Road, Phase II Project
4.	Cook	C-91-013-14, US 6, (159th St.) Will-Cook Rd. to W. of US 45 (S. LaGrange Rd.), Phase III Project
5.	Various	P-91-440-13, Various Phase-I Engineering for Drainage Studies and Hydraulic Reports and Project Manager
6.	Various	C-91-434-13, Various Quality Assurance Aggregate/HMA/PCC Projects
7.	Will	C-91-012-14, IL 7 (159th St.): I-355 (Veterans Memorial Tollway) to Will-Cook Rd, Phase III Project
8.	McHenry	D-91-022-14, IL 47 from North of IL 120 to US 14, Phase II Project
9.	Cook	C-91-002-14, I-90 at I-290/Congress Parkway (Circle Interchange): Flyover North to West I-290, Phase III Project
10.	Various	P-91-437-13, Phase I Studies for Various Projects
11.	Various	C-91-007-14, Various Maintenance Construction Engineering/Erosion and Sediment Control/Landscape Architecture for Various Projects
12.	McHenry	D-91-008-14, IL 47 from Charles Road to North of IL Route 120, Phase II Project
13.	Various	C-91-435-13, Various Quality Assurance Aggregate/PCC Projects
14.	Various	P-91-004-14, Various Phase I Projects
15.	Will	C-91-014-14, US 30 (Lincoln Highway): IL 59 (Division St) to I-55, Construction Inspection
16.	Cook	P-91-424-13, Phase I Studies for I-290 Bridges
17.	Will	D-91-009-14, FAI 55, I-55 at Weber Road, Phase II Project
18.	McHenry	D-91-023-14, FAP 326 (IL 47), from South of IL 176 to Reed Rd.. Phase II Project
19.	McHenry	D-91-011-14, FAP 326 (IL 47), from US 14 to south of IL 176, Phase II Project

Item #	County	Description
Region 1/District 1		
20.	Various	D-91-441-13, Various Land Surveys
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22.	Various	D-91-442-13, Various Land Surveys
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24.	Kankakee	C-93-090-13, I-57/6000 N Road (Interchange Construction) Construction Inspection
25.	Various	P-93-010-14, Various Survey Projects and Preparation and Review of Right-of-Way Plans
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26.	Knox	C-94-071-13, Construction Inspection for removal replacement of structure carrying IL 97 over Spoon River, Contract 68759
27.	Various	C-94-004-14, Phase III Materials Project Manager, Various Materials Inspections
28.	Peoria/ Tazewell	P-94-018-13/D-94-018-13, US 150 Eastbound (McClugage Bridge) over the Illinois River, Phase I and II Engineering
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29.	Adams	D-96-002-14, FAP 63 (US 24) over the Mississippi River at Quincy, Phase I Engineering services which include Context Sensitive Solutions (CSS) for Structure Replacement
30.	Various	D-96-001-14; Various Phase I/II for Projects
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31.	Various	P-98-084-13, Land Surveying
32.	Various	C-98-001-14, Phase III Various Projects for Construction Inspection
33.	Various	P-98-072-13, Phase I/II Various Projects
34.	St. Clair	P-98-004-08/D-98-075-13: FAP 327 (US 50), from IL 4 South of Lebanon to US 50 West of Summerfield
35.	Bond	P-98-011-13/D-98-108-05 Replacement of Structure Located on IL 143 over Shoal Creek 0.7 miles West of I-127 and just East of Pierron

Item #	County	Description

Region 5/District 8- continued

36.	Various	P-98-071-13, Phase I/II Various Projects,

Region 5/District 9

37.	Various	P-99-002-06, Bridge Inspection, Various Bridges

Bureau of Bridges and Structures

38.	Various	D-30-004-14, Various Structural Engineering Services, Including Emergency Response Services
39.	Various	D-30-001-14, Engineering Services for the Underwater Diving Investigation of Bridges
40.	Various	D-30-002-14, Various Statewide Structural Engineering Services, Phase I/II
41.	Various	D-30-003-14 Engineering Services for Painting Inspection of Various Structures

Bureau of Local Roads/Streets

42.	Various	C-45-002-14, Project Management and Project Support for Various Projects

Bureau of Operations Office of Planning and Programming

43.	Various	HPR-66-001-14, Statewide Intelligent Transportation System (ITS) Architecture and Strategic Plan Update

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44.	Various	P-30-002-14, Environmental Services for the Chicago Region Environmental & Transportation Efficiency (CREATE) Program
45.	Cook	C-30-004-14, 14, Program Manager for the Chicago Region Environmental & Transportation Efficiency (CREATE) Program

Office of Planning and Programming

46.	Various	HPR-66-001-14, Field Collection of Traffic Data on Various Routes for Various Counties in District Three, District Five, District Seven and District Nine,
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49.	Various	HPR-66-001-14, Field Collection of Traffic Data on Various Routes for Various Counties in District Four, District Six and District Eight

1. **<u>Job No. P-91-423-13, Phase I Studies for I-290 Bridges, Cook County, Region One, District One</u>.**

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, 2013** 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 a preliminary engineering and environmental studies for the improvement of bridges along the I-290 corridor in Cook County.

Phase I is expected to include stakeholder involvement, data collection, preparation of base maps and mosaics, topographic survey, crash analysis, traffic studies, geometric studies, interchange design studies, traffic maintenance analysis including a traffic management plan, drainage work, including a Location Drainage Study, cost estimates, project report, and all other work necessary to complete Phase I.

The department will provide any available aerial photography and mapping, crash data, utility coordination and correspondence, and right-of-way data, as well as archaeological, historical, wetland, biological, and special waste survey and coordination.

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 36 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work 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 structure plan preparation documents (must be an Illinois licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform the work in the area of surveying (must be an Illinois Licensed Land Surveyor).

- The person who will perform the QA/QC 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)

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. **<u>Job No. P-91-422-13, Phase I Studies for I-290 Bridges, Cook County, Region One, District One</u>.**

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, 2013** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required for all work associated with the preparation of a preliminary engineering environmental studies for the improvement of bridges along the I-290 corridor in Cook County.

Phase I is expected to include stakeholder involvement, data collection, preparation of base maps and mosaics, topographic survey, crash analysis, traffic studies, geometric studies, interchange design studies, traffic maintenance analysis including a traffic management plan, drainage work including a Location Drainage Study, cost estimates, project report, and all other work necessary to complete Phase I.

The department will furnish to the consultant any available aerial photography and mapping, crash data, utility coordination and correspondence, and right-of-way data, as well as archaeological, historical, wetland, biological, and special waste survey and coordination.

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 36 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the work documents (must be an Illinois Licensed Professional Engineer)

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform the work in the area of surveying (must be an Illinois Licensed Surveyor).

- The person who will perform the QA/QC 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)

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-91-010-14, FAI 55, I-55 (Weber Road) from Normantown Road to 135th Street/Romeo Road, Phase II Project, Will 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 **November 5, 2013** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase II engineering services are required for improvements to I-55 (Weber Road) from Normantown Road to 135th Street/Romeo Road. The Consultant's work is expected to consist of preparing plans, specifications, and cost estimates. The scope of work will include roadway plans consisting of reconstruction and widening to provide 3 lanes in each direction separated by a variable width barrier median. Combination concrete curb & gutter will be provided at the outside edges of pavement and a closed drainage system. Traffic signals are expected to be replaced and/or modernized and interconnected. The Consultant's work may also includes surveys and geotechnical engineering services and all other related work to complete contract plans.

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 $22,000,000. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work 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 the 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 prime firm must be prequalified in the **Highways (Roads and Streets)** 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. <u>Job No. C-91-013-14, US 6, (159th St.) Will-Cook Rd. to W. of US 45 (S. LaGrange Rd.), Phase III Project, Cook County, Region One/District One.</u>

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 24, 2013, at 11:00 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 6 (159th) St.) Will-Cook Rd. to W. of US 45 (S. LaGrange Rd.). Complete reconstruction & widening of the existing pavement from Will – Cook Road to west of US 45 (La Grange Road). Project is expected to consist Portland cement concrete (PCC) pavement. Complete replacement of the drainage system and signage. Project will provide two 12'-wide lanes in each direction separated by a raised landscaped median through-out the limits of the improvement. Construction of a multi-use path & sidewalk on both sides of 159th St. throughout the limits of the improvement. Traffic signal improvement at the intersections of 159th Street and Wolf Road and 108th Avenue. A new traffic signal will be installed at the intersection of 159th Street and 104th Avenue. Replacement of four (4) dry land bridges and two (2) conventional bridges as described above and all other work necessary to complete the improvement.

The following structure/s may be included:
SN – 016-1210 [159th St. over Spring Creek]
SN – 016-0381 [159th St. over Marley Creek]
SN – 016-D010 [Dry Land Bridge Station 375+25 to 380+10 (485 feet)]
SN – 016-D011 [Dry Land Bridge Station 380+90 to 390+41 (936 feet)]
SN – 016-D012 [Dry Land Bridge Station 396+41 to 401+13 (472 feet)]
SN – 016-D013 [Dry Land Bridge Station 404+88 to 408+25 (337 feet)]

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 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 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).

5. **Job No. P-91-440-13, Various Phase-I Engineering for Drainage Studies and Hydraulic Reports and a Project Manager, 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 30, 2013** at **10:30 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services are required for preparing Drainage Studies and Hydraulic Reports for various locations in District One. Typically, the studies and reports will be completed in conjunction with Project Reports prepared by others. All documentation and the supporting computations are to be presented in the study/report format as appropriate. Preparation of Location Drainage Studies shall be in accordance with tdepartment polices/requirements. A Program Management (PM) Consultant is also required for Phase I engineering services. The PM Consultant will be assigned to manage and/or assist in the completion of various IDOT Phase-I drainage studies and hydraulic reports, several of which may be under contract with other engineering consultants. Phase I engineering services may also be required for the preparation of various Phase I preliminary engineering and environmental studies for drainage correction projects. Work may include new Phase I studies for intersections and short highway segments.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant's work includes data collection, field verifications, roadway survey, stream survey, survey note reductions/plotting, drainage investigations, determination of drainage patterns, storm sewer cleaning/televising, drainage system evaluation and design, presentations/coordination with local agencies, bridge scour evaluation, development of Waterway Information Tables, hydrologic/hydraulic analyses, hydraulic reports for waterways and pump stations.

The department will furnish the Consultant with any relevant and available information such as accident data, existing and projected traffic data, utility coordination, right-of-way data, archaeological and historical survey and special waste survey coordination, as well as historical highway plans, aerial mosaic, ground surveys, hydraulic stream surveys, contour mapping, flood insurance studies, floodplain maps, and information about known drainage problems.

The Consultant will be expected to perform work similar to an IDOT Project Manager/Squad Leader & Staff, and report to the Hydraulics Section Chief. The Consultant's work may include data collection, preparation of base maps and mosaics, geometric studies, and safety studies including accident analysis, capacity analysis intersection design, route surveys, and Categorical Exclusion Reports. Cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks. The work may include engineering, management, public coordination, administrative services, and other work as necessary to ensure that assigned projects are completed in accordance with established schedules and budgets. 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 PM consultant is prohibited from managing projects for which they are contracted with the Department for Phase I Engineering. Additionally, the PM consultant, if selected for Phase II Engineering work, may not be managed by a consultant that they managed during Phase I Engineering.

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 24 months after authorization to proceed.

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

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

- The person who will assume the duties of Drainage Engineer/Manager, in charge of all aspects of the work documents. This individual must be an Illinois Licensed Professional Engineer with a minimum of five (5) years experience dealing with highway related drainage problems as well as hydrologic and hydraulic modeling.

- The person who will assume the duties of Drainage Engineer for day to day program work relative to development of the Location Drainage Studies, Hydraulic Reports, and Drainage Investigations. This individual must be an Illinois Licensed Professional Engineer with a minimum of three (3) years experience dealing with highway hydrologic and hydraulic modeling.

- The person who will perform the QC/QA review work of all milestone submittal documents. This individual must be an Illinois Licensed Professional Engineer.]

Statements of Interest must provide a proposed organizational chart identifying the PM Consultant team and its respective percentage of time commitment. This statement must also identify the approach that the firm would take on this project and provide a summary of the pertinent experience of the firm managing Phase I highway projects. Resumes of drainage engineers must state hydraulic and hydrologic modeling experience for the last 5 years.

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

Special Studies (Location Drainage)
Hydraulic Reports (Waterways: Complex)
Hydraulic Reports (Pump Stations)
Location/Design Studies (Reconstruction/Major Rehabilitation)

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

6. <u>Job No. C-91-434-13, Various Quality Assurance Aggregate/HMA/PCC Projects, Various Routes, Various Counties, Region One, District One</u>.

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, 2013** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase III engineering services are required to perform the quality assurance responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC) construction, Aggregate Gradation Control System (AGCS), Recycled Asphalt Paving (RAP) testing, Recycled Asphalt Shingles (RAS) testing, pipe and precast producers and prestressed and precast producers. Services and responsibilities may include structural steel and miscellaneous materials inspection at various sources or jobsites, Independent Assurance sampling and testing for the department for both HMA and PCC according to Federal guidelines at both plants and jobsites on as as-needed basis. Additional services and responsibilities are expected to include quality assurance inspection of prestressed and precast producers at both plants and jobsites on an as-needed basis. The project includes Complete Quality Assurance Testing in accordance with <u>The Standard Specifications for Road and Bridge Construction</u>, *Manual for Fabrication of Precast Prestressed Concrete Products,* Policy Memorandums 11-08.2, 19-08.1, 25-08.5, 28-10.3 and any appropriate contract special provisions and plan notes or details. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant's work includes plant and on-site inspections, sampling and material testing. The Consultant will carry out quality assurance duties, including maintaing records and documentation, as defined in the construction contract, *Manual for Fabrication of Precast Prestressed Concrete Products,* Policy Memorandums 11-08.2, 19-08.1, 25-08.5, 28-10.3.

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 Liaison Engineer who will assume duties as Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will be in charge of QA Lab and Field Testing.
- QC/QA Level 1, Level 2 and Level 3 (HMA and PCC) Certified Testing Technicians.
- ACI Grade 1 and PCI Level 1 and Level 2 Certified Testing Technicians.
- The Materials QA Technician.
- Structural Steel and Miscellaneous Materials Source Inspector

- 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**

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

Special Services (Quality Assurance: QA HMA and Aggregate)

Special Services (Quality Assurance: QA PCC and Aggregate)

Statements of Interest, including resumes of the key people noted above must include Certificates of completion for required training courses. Statements of interest must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

7. **Job No. C-91-012-14, IL 7 (159th St.): I-355 (Veterans Memorial Tollway) to Will-Cook Rd, Phase III Project, Will 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 24, 2013,** 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 IL 7 (159th St.): I-355 (Veteran's Memorial Tollway) to Will-Cook Rd. Complete reconstruction & widening of the existing pavement from east of Interstate 355 to Will – Cook Road. Reconstruct pavement will be Portland cement concrete (PCC). Complete replacement of the drainage system and signage. Construction of two 12'-wide lanes in each direction separated by a raised landscaped median through-out the limits of the improvement. Construction of a multi-use path & sidewalk on both sides of 159th St. throughout the limits of the improvement. Traffic signal improvement at the intersections of 159th Street and Cedar Road, Parker Road, and Will-Cook Road 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 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 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).

8. **Job No. D-91-022-14, IL 47 from North of IL 120 to US 14, Phase II Project in McHenry 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, 2013** at **1:00 P.M.** at the Region One, District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of contract plans, specifications and cost estimates for the reconstruction of IL 47 from North of IL 120 to US 14. The proposed typical section consists of two 12-foot lanes in each direction with a center barrier median. A 10' shared use path is proposed on the east side of the road and a 5 foot sidewalk on the west side. Roundabout intersections are being considered at several locations along the corridor. The need to replace the Union Pacific/Metra Railroad Bridge will be determined with the final geometry. If traditional channelized intersections are chosen at Lake Avenue and McConnell Road, the bridge will need to be replaced along with provisions for a temporary railroad structure.

The department will furnish the Consultant with available microfilm plans, project report, location drainage study, hydraulics reports, pavement design, and other available applicable items.

The estimated construction cost for this project is $29,250,000. The Consultant's work includes preparation of contract plans, specifications, cost estimates, and all other work required to complete the improvement. 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:

Highway (Roads & Streets)

Structures (Railroad)

Transportation Engineering – Railway Engineering

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. <u>Job No. C-91-002-14, I-90 at I-290/Congress Parkway (Circle Interchange): Flyover North to West I-290, Phase III Project, Cook County, Region One/District One.</u>

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 24, 2013, at 9:00 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 at I-290/Congress Parkway (Circle Interchange): Flyover North to West I-290. The project includes the construction of a new flyover ramp from the Northbound Dan Ryan Expressway (I-90/94) to I-290 West with a touchdown point in the vicinity of the I-290 mainline between Peoria St. and Morgan St. overhead crossover bridges. The estimated length of improvement is 5,050 feet which includes the northwest flyover ramp and approaches. The flyover ramp structure, SN 016-1705, connects NB I-90/94 to WB I-290. The overall length of the structure is approximately 2,075 feet. The structure comprises 15 spans including 6 curved spans. North of Harrison Street, the structure splits into two structures to form EB I-290 ramp structure. The Flyover will consist of 2-12 foot lanes with shoulders on the inner and outside edges, generally 8-10 feet wide. The structure will include aesthetic treatments on the proposed flyover walls as well as aesthetic fencing. Lighting is included on this project consisting of high mast tower lighting and conventional pole lighting. This work includes temporary pavement for the gores and tie-ins, permanent pavement for the ramp approaches to the bridge, reconstruction of the westbound Morgan Street exit ramp and two proposed retaining walls so that the ramp can be opened to traffic once it is complete. Also included in the scope of work are roadway reconstruction, drainage, interstate lighting, ITS, signing, traffic control and protection, landscaping, aesthetic treatments and pavement markings and all incidental and collateral work necessary to complete the improvement.

The following structures may be included:

- S.N. 016-1705: Bridge Flyover
- S.N. 016-1724: New Retaining Wall on Morgan St. ramp
- S.N. 016-1725: New Retaining Wall on Morgan St. ramp

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 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 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. <u>Job No. P-91-437-13, Phase I Studies for Various Projects, Various Counties, Region One, District One.</u>

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 24, 2013** at **1:00 P.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 but not be limited to 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, 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 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 48 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)

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).

11. <u>Job No. C-91-007-14, Various Maintenance Construction Engineering/Erosion and Sediment Control/Landscape Architecture for Various Projects, Various Counties, Region One, District One.</u>

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 30, 2013** at **9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist Department landscape architects/technicians/erosion and sediment control specialists on various roadside construction and maintenance projects throughout District One. Six (6) to ten (10) landscape architects/technicians/erosion and sediment control specialists are anticipated to be required during the 2014, 2015, and 2016 construction seasons and possibly through 2019. Typical assignments include but are not limited to reviewing and providing input on erosion and sediment control and landscape restoration on various contracts during contract development, attending preconstruction meetings and progress meetings for various maintenance and construction projects, field inspection and preparation of work orders, erosion and sediment control reports, inspection of plant materials, and construction documentation. 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 Consultant shall be held responsible for the overall proficiency in the work assigned. The personnel shall have a good working knowledge of Department Specifications for Road and Bridge Construction, Department Construction Manual, construction inspection and documentation requirements, and roadside vegetation management.

Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS, CADD and GIS software. The Consultant's work includes but is not limited to providing staff, cell phones, GPS and other equipment, and vehicles with appropriate traffic control for personnel use traveling to layout and inspect work on IDOT routes and travel to nurseries for material inspections. The duration of time spent at a single location varies as a function of the work performed.

The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide inspection and materials testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete these tasks in accordance with State specifications. 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.

The estimated construction cost of these projects may range from $50,000 to $20,000,000. 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:

- Project Manager

- Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and be proficient in ICORS. **Include the Documentation Certificate Number for IDOT Class S-14, Documentation of Contract Quantities.)**

- Registered Landscape Architect (**Include License Number**) with experience in: storm water best management practices (BMPs), and roadside vegetation management. **Landscape Architecture** prequalification category requirement may completed by Prime or Sub and/or Prime

- The person in charge of surveys must be an Illinois License Professional Surveyor. Survey prequalification category requirement may be completed by Sub and/or Prime.

- Erosion and Sediment Control Specialist **(Include CPESC or other qualifications)**

- Section 404 Clean Water Act Permit specialist possessing experience reviewing and preparing applications to the United States Army Corps of Engineers, Chicago District

- GIS specialist with experience in vegetation management mapping or equivalent

- Vegetation Management specialist having a minimum of 2 years experience and a current Illinois applicator's license, **Include License Number**.

- Certified Arborist **(Include Certification)** with strong tree identification and assessment capabilities

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

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

12. <u>Job No. D-91-008-14, IL 47 from Charles Road to North of IL 120, Phase II Project in McHenry County, Region One, District One.</u>

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, 2013** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of contract plans, specifications and cost estimates for the reconstruction of IL 47 from Charles Road to North of IL Route 120. The proposed typical section consists of two 12-foot lanes in each direction with a center barrier median. A 10' shared use path is proposed on the east side of the road and a 5 foot sidewalk on the west side. Roundabout intersections are being considered at several locations along the corridor.

The department will furnish the Consultant with available microfilm plans, project report, location drainage study, hydraulics reports, pavement design, and other available applicable items.

The estimated construction cost for this project is $29,250,000. The Consultant's work includes preparation of contract plans, specifications, cost estimates, and all other work required to complete the improvement. 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:

Highway (Roads & Streets)
Structures (Highway: Typical)

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

13. Job No. C-91-435-13, Various Quality Assurance Aggregate/PCC Projects, Various Routes, Various Counties, 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, 2013** at **10:00 a.m.** at the Region One, District One Office in **Schaumburg.**

Phase III engineering services are required to perform the quality assurance responsibilities of Portland cement concrete (PCC) construction, Aggregate Gradation Control System (AGCS), pipe and precast producers and prestressed and precast producers. Services and responsibilities include, Independent Assurance sampling and testing for the Department for PCC according to Federal guidelines at both plants and jobsites on as as-needed basis. Additional services and responsibilities include quality assurance inspection of prestressed and precast producers at both plants and jobsites on an as-needed basis. The project includes Complete Quality Assurance Testing in accordance with The Standard Specifications for Road and Bridge Construction, *Manual for Fabrication of Precast Prestressed Concrete Products,* Policy Memorandums 11-08.2, 19-08.1 and any appropriate contract special provisions and plan notes or details. 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 daily assignments to various construction jobsites, concrete plants, and pre-stressed and precast facilities. The Consultant's work includes plant and on-site inspections, sampling and material testing. The Consultant will carry out quality assurance duties, including maintain records and provide documentation, as defined in the construction contract, *Manual for Fabrication of Precast Prestressed Concrete Products,* Policy Memorandums 11-08.2, 19-08.1.

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 Liaison Engineer who will assume duties as Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).

- The person(s) who will be in charge of QA Lab and Field Testing.
- QC/QA Level 1, Level 2 and Level 3 (PCC) Certified Testing Technicians.
- ACI Grade 1 and PCI Level 1 and Level 2 Certified Testing Technicians.
- The Materials QA Technician.
- 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**

The prime firm must be prequalified in the **Special Services (Quality Assurance: QA PCC and Aggregate)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above must include Certificates of completion for required training courses, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification System (EPAS).

14. <u>Job No. P-91-004-14, Various Phase I Projects, Various Routes, Various Counties, Region One, District One</u>

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, 2013 at 1:00 P.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 possible 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 & 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 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 48 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)

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).

15. <u>Job No. C-91-014-14, US 30 (Lincoln Highway): IL 59 (Division St) to I-55, Phase III Project, Will County, Region One/District One.</u>

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 24, 2013, at 10:00 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 30 (Lincoln Highway), IL 59 (Division St.) to I-55. Complete reconstruction of the existing pavement from IL 59 to I-55. Pavement will be Portland cement concrete (pcc). The bridge carrying US 30 over Lily Cache Creek will be re-decked to accommodate a proposed multi-use path. Complete replacement of the drainage system and signage. Construction of one 12-foot wide lane in each direction separated by a 11-foot wide painted median from IL 59 to Renwick Road. Construction of two 12-foot wide lanes in each direction separated by a variable width painted median from Renwick Road to I-55. Construction of a 10-foot wide multi-use path on the south side of US 30 throughout the limit of the improvement. Traffic signal improvement at the intersections of US 30 at West Frontage Road, Lily Cache Road, and Renwick Road and all incidental and collateral work necessary to complete the improvement.

The following structures may be included:

- S.N. 099-4648 US 30 over Lily Cache Creek

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 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 electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

16. <u>Job No. P-91-424-13, Phase I Studies for I-290 Bridges, Cook County, Region One, District One.</u>

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 29, 2013** 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 a preliminary engineering environmental studies for the improvement of bridges along the I-290 corridor in Cook County.

Phase I is expected to include stakeholder involvement, data collection, preparation of base maps and mosaics, topographic survey, crash analysis, traffic studies, geometric studies, interchange design studies, traffic maintenance analysis including a traffic management plan, drainage work including a Location Drainage Study, cost estimates, project report, and all other work necessary to complete Phase I.

The department will furnish to the Consultant any available aerial photography and mapping, crash data, utility coordination and correspondence, and right-of-way data, as well as archaeological, historical, wetland, biological, and special waste survey and coordination.

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 36 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the work documents (must be an Illinois Licensed Professional Engineer)

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform the work in the area of surveying (must be an Illinois Licensed Professional Surveyor).

- The person who will perform the QA/QC 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)

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. <u>Job No. D-91-009-14, FAI 55, I-55 at Weber Road, Phase II Project, Will County, Region One, District One.</u>

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 **November 5, 2013** at **10:00 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 estimate for the interchange improvement of I-55 at Weber Road. The improvement is expected to require the reconstruction of the structure over I-55; the preferred alternative includes a diverging diamond interchange utilizing the existing structure to carry SB traffic and a new structure to carry NB traffic. The Consultant will prepare TS&L plans, structure plans, and roadway plans, consisting of reconstruction and widening to provide 3 lanes in each direction separated by a variable width barrier median. The Consultant's work will include plans to include combination concrete curb & gutter and a closed drainage system. Traffic signals will be replaced and/or modernized and interconnected. The Consultant's work is also expected to include route surveys and geotechnical engineering services, and other related work to complete Phase II contract plans.

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 $40,000,000. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work 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).

- The person who will perform the work in the area of geotechnical analysis and the preparation of the Roadway Geotechnical Report (RGR) and Structural Geotechnical Report (SGR) (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 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 QA/QC 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 and Streets)

Structures (Highway: Simple)

Special Studies (Traffic Signals)

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. <u>Job No. D-91-023-14, FAP 326 (IL 47), from South of IL 176 to Reed Road, Phase II Project, McHenry County, Region One, District One.</u>

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 29, 2013** at **2:00 P.M.** at the Region One District One Office in **Schaumburg**.

Phase II engineering services are required for preparation of contract plans, specifications and cost estimates for the widening and resurfacing of IL 47 from a single lane to two lanes in each direction from south of IL 176 to Reed Road, a length of approximately 4.2 miles. The project runs north to south through, Crystal Lake, Lakewood, Lake in the Hills and Huntley. The project will include replacement of the bridge carrying IL 47 over Kishwaukee River and improvement of major intersections along the corridor. The project will provide rural cross section throughout. There is also a proposed shared use path and pedestrian accommodations throughout the improvement limits.

The following structures are included in this project:

- SN;056-0025(E); IL 47 over Kishwaukee River
- SN;056-0315 (P); IL 47 over Kishwaukee River (south bound structure)
- SN;056-0316 (P); IL 41 over Kishwaukee River (north bound structure)

The department will furnish the Consultant with available microfilm plans, Project Report, Location Drainage Studies, Bridge Condition Report, and any other available items.

The estimated construction cost for this project is $51,000,000. The Consultant's work includes preparation of contract plans, specifications, and estimates, including maintenance of traffic plans and all other works required to complete the project. 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/supervise the work in the area of drainage calculations and preparation of proposed drainage plans (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:

Highways (Roads & Streets)

Structures (Highway: Typical)

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

19. <u>Job No. D-91-011-14, FAP 326 (IL 47), from US 14 to south of IL 176, Phase II Project, McHenry County, Region One, District One.</u>

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 29, 2013** at **10:00 A.M.** at the Region One District One Office in **Schaumburg.**

Phase II engineering services are required for preparation of contract plans, specifications and cost estimates for the widening and resurfacing of IL 47 from a single lane to two lanes in each direction from US 14 to south of IL 176, a length of approximately 3.6 miles. The project runs north to south through Woodstock and Crystal Lake. The project will include improvement of major intersections along the corridor and will provide an urban cross section from US 14 to Hercules Road and a rural cross section from Hercules Road to south of IL 176. There will also be shared use path and pedestrian accommodations throughout the improvement limits. Drainage plans will include the preparation of plans for multiple box culverts.

The department will furnish the Consultant with available microfilm plans, Project Report, Location Drainage Studies, Bridge Condition Report, and any other available items.

The estimated construction cost for this project is $40,000,000. The Consultant's work includes preparation of contract plans, specifications, and estimates, including maintenance of traffic plans and all other works required to complete the project. The completion date for this contract will be 24 months after authorization to proceed.

Key Personnel listed in **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/supervise the work in the area of drainage calculations and preparation of proposed drainage plans (must be an Illinois Licensed Professional Engineer).

- The person who will perform QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Engineer for roadway work and must be an Illinois Licensed Structural Engineer for Structural work, with adequate plan review experience).

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

Highways (Roads & Streets)

Structures (Highway: Typical)

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

20. <u>Job No. D-91-441-13, Various Land Surveys, Various Routes, Various Counties, Region One / District One</u>

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 25, 2013** at **9:00 A.M.** at the Region One/District One Office in **Schaumburg.**

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

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

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

The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work must be an Illinois Licensed Professional Land Surveyor.

- The person who will perform the 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, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

21. <u>Job No. P-91-005-14, Various Phase I Projects, Various Routes, Various Counties, Region One, District One.</u>

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, 2013 at 2:00 P.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 possible environmental studies throughout District One. The scope of work may include, but not be limited to, 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 & 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 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 48 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)

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).

22. <u>Job No. D-91-442-13, Various Land Surveys, Various Routes, Various Counties, Region One / District One</u>

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 25, 2013** at **10:30 A.M.** at the Region One/District One Office in **Schaumburg.**

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

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

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

The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work must be an Illinois Licensed Professional Land Surveyor.

- The person who will perform the 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, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

23. <u>Job No. P-92-033-13, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Two.</u>

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, 2013** at **10:30 A.M.** at the Region Two/District Two Office in **Dixon.**

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

The Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analyses, geometric studies, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analyses, type, size and location (TS&L) drawings, structure plans, and other related work and exhibits necessary to produce the Project Report.

Environmental services may include writing an EA re-evaluation, EIS re-evaluation, 4(f) report, Section 106 report, Biological Assessment, and/or Conservation Plan for Incidental Take Authorization; conducting noise analyses; conducting a tree survey; planning a mitigation site; and other related environmental work and exhibits necessary to produce a required report.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analyses, geometric studies, and preparation of type, size and location (TS&L) drawings, structure plans, roadway plans, and any other related work to complete final plans, special provisions and estimates.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The engineering sources required may consist of only a portion of the total engineering work on a certain project.

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 cost for these projects may range from $200,000 to $4,000,000. It is anticipated that this contract will include approximately 3 to 15 different projects. This completion date for this contract will be 48 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of surveys (must be an Illinois Professional Licensed Surveyor).

- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.

- Person(s) trained and experienced in writing environmental documents.

- Person(s) trained and experienced in writing Section 106/4(f) documents

Statements of Interest must also include examples of work completed in EA re-evaluation, EIS re-evaluation, 4(f) report, Section 106 report, Biological Assessment, and/or Conservation Plan for Incidental Take Authorization, conducting noise analyses, conducting a tree survey and planning a mitigation site.

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

Highways (Roads & Streets)

Structures (Highway: Typical)

Special Studies (Location Drainage)

Location/Design Studies (Rehabilitation)

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

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

24. <u>Job No. C-93-090-13, I-57/6000 N Road (Interchange Construction), Phase III Project, Kankakee County, Region Two/District Three.</u>

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 30, 2013 at 10 AM** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for the construction of the interchange of I-57 at 6000 N Road and intersection improvements at IL 50 and US 45/52, contract number 66982. Work includes, but is not limited to, construction inspection of the new structure over I-57, embankment, signals, lighting, PCC pavement, PCC ramps, and intersection improvements with IL 50 and US 45/52.

The following structure is included:

- S.N. 046-0086, 6000 N Road over I-57.

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

The Consultant will be asked to furnish a registered IL PE or an approved non-licensed engineering technician to act as Assistant Resident Engineer (ARE) or inspector on this project. 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. 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 November 1, 2016. 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.

- Inspector(s) (One to six 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).

25. <u>Job No. P-93-010-14, Various Survey Projects and Preparation and Review of Right-of-Way Plans, Various Routes, Various Counties, Region Two/District Three.</u>

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 25, 2013** at **10:00 A.M.** at the District Three Office in **Ottawa.**

Phase I/II engineering services are required for route surveys, land acquisition surveys, the preparation and review of preliminary and final right-of-way plans, premise plats, and legal property descriptions related to land acquisition activities for various projects throughout District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

This project may include research, land surveys, route surveys, premise plats, legal descriptions, monument records and all investigation and documentation required to prepare preliminary and final right-of-way plans. The work may also includes reviewing right-of-way documents prepared by others, which will involve reviewing title commitment descriptions, existing right-of-way location, proposed right-of-way location, legal property description content and closures and computation of areas in existing right-of-way, proposed right-of-way, easements, and total holding. A general overall review of the right-of-way documents will be completed for quality, content, and format using guidelines furnished by the department.

The department will furnish the Consultant with any available construction plans, aerial photography, existing right-of-way plats and plans, proposed right-of-way requirements, title commitments and subdivision plats. The Consultant will use this information to prepare and review preliminary and final right-of-way plans, premise plats, and legal property descriptions depicting the proposed additional right-of-way needed for various projects.

The completion date for this contract will be 72 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 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).

26. <u>Job No. C-94-071-13, Construction Inspection for Removal/Replacement of Structure carrying IL 97 over Spoon River, Contract 68759 in Knox County Region Three/District Four</u>

This Project Contains Federal Funds.

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 a negotiation meeting on **October 25, 2013** at **10:00 A.M.** at the District Office in **Peoria**.

Phase III engineering services are required for the construction inspection of Contract No. 68759, which consists of the removal and replacement of the structure carrying IL 97 over Spoon River. The project is located in Knox County near Maquon. The Consultant shall also provide the supervision, materials testing (including, but not limited to, PCC, HMA and embankment testing), materials certification and all documentation for this project. The Consultant staff will report to a District Resident Engineer/Technician on this project. 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.

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 will also provide their own vehicles, cell phones, computers, tools of the trade and any other equipment deemed necessary to perform the work. Overnight lodging may be required.

The construction project is scheduled for the November 8, 2013 letting and a fall of 2015 completion date. The completion date for the contract will be 48 months after authorization to proceed.

Key personnel listed on **Exhibit A** of the Statement of Interest for this project must include:

- The Liaison Engineer (with current IDOT Construction Documentation certificate)
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)

The prime firm must be prequalified in **(Special Services) Construction Inspection** 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. <u>Job No. C-94-004-14, Phase III Materials Project Manager, Various Materials Inspections, Various Locations, Various Counties, Region Three/ District Four</u>

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 29, 2013** at **1:30 P.M.** at the Region Three, District Four Office in **Peoria**.

Phase III engineering services are required for an engineering Project Manager (PM). The Consultant PM will manage/supplement various IDOT Materials processes throughout Region Three, District Four. This work may involve working directly with contractors, producers, suppliers or a local agency or other consultants. 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.

PM engineering services are required to perform sampling, testing and documentation of test results of various materials including hot-mix asphalt, Portland cement concrete, aggregates, soils, pipe, precast, and precast/prestressed concrete. Additional services and responsibilities include miscellaneous materials inspection at various sources or jobsites. Some testing may be required to be performed using the Consultant's facilities.

The Consultant's work is also expected to include plant and on-site inspections, sampling, transportation of samples, testing at jobsites and labs, and documentation and data entry of test results. The Consultant will carry out quality assurance duties as defined in the contract documents, Bureau of Materials and Physical Research Policy Memorandums, the Manual for Fabrication of Precast Prestressed Concrete Products, and the Consultant Agreement. The Consultant will maintain records and submit documentation of QC and QA activities as required.

The department will furnish the Consultant with assignments to various construction jobsites, plants, lab facilities, precast and precast/prestressed concrete producers, and various producers and suppliers of miscellaneous materials.

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 will also provide their own vehicles, cell phones, computers, tools of the trade and any other equipment deemed necessary to perform the work. Overnight lodging may be 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 person who will perform the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will be in charge of Lab and Field Testing.
- QC/QA Level I, II, and III Trained Technician(s) in accordance with Section 900 of the Project Procedures Guide.
- Precast Prestressed PCI Level II Technician(s).
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)

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

Special Services (Quality Assurance: QA HMA and Aggregate)
Special Services (Quality Assurance: QA PCC and Aggregate)

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

28. <u>Job No. P-94-018-13/D-94-018-13, US 150 Eastbound (McClugage Bridge) over the Illinois River, Phase I and II Engineering Services, Peoria and Tazewell Counties, Region Three/District Four.</u>

This project requires 25% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 28, 2013** at **9:30 A.M.** at the Region 3, District 4 Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Location/Design Report and final contract plans for the removal and replacement or rehabilitation of the structure that carries eastbound US 150 (McClugage Bridge) over the Illinois River in the city of Peoria and Tazewell County.

The following structures are included with this project:

- S.N. 090-0070 – US 150 Eastbound (McClugage Bridge) over the Illinois River
- S.N. 072-0137 – US 150 over Adams Street

The existing structure contains a total of 30 spans, which are supported by 2 reinforced concrete abutments and 28 reinforced concrete piers. The superstructure consists of multiple steel plate girder, wide flange beam, through truss, and deck truss spans. The structure spans approximately 4,745 feet and is approximately 30 feet in clear width of the deck. The existing roadway deck consists of two – 12' lanes with 3' shoulders. The structure is partially incorporated into the Adams Street/IL 29/US 150/US 24 interchange on the Peoria side (west). One railroad line runs perpendicular beneath the structure and parallels the Illinois River. Adjacent to the structure on the Tazewell County side (east) is the IL 116/US 150/US 24 interchange. Adjacent to the structure to the north is the US 150 Westbound (McClugage Bridge) structure. It is expected that a total of three or more lanes with full-width shoulders will be required for the proposed structure. Bicycle accommodations may also be required. Roadway work at the interchanges at both the east and west approaches may be required to accommodate the additional bridge width.

The Department's Context Sensitive Solutions (CSS) policy will be followed for this project.

Phase I engineering services will include geometric studies, environmental coordination [expected to be an Environmental Assessment (EA)], data collection, land, route, topography and hydraulic survey, hydraulic studies, and bridge inspection for the purpose of development of the Bridge Condition Report (BCR) and Type, Size and Location plans (TS&L), coordination with all involved agencies, public involvement activities, crash analysis, preliminary cost estimates, Right-of-Way information, traffic management analysis, preliminary staging plans, cross sections as required to determine construction limits and Right-of-Way needs, and all other work required to produce a Location/Design Report. Additional work will include the development of a Bridge Condition Report, Hydraulic Report, Bridge Type Study, TS&L plans, and Structure Geotechnical Report (SGR). Structure borings will be required. The Geotechnical work will require the use of a barge and/or other means necessary to obtain the required geotechnical information.

Phase II engineering services will include the preparation of roadway plans, specifications, cost estimates, final bridge plans, traffic management plan (TMP), maintenance of traffic/staging plans, cross sections, special details, special provisions, pay items and quantities, shop drawing reviews, railroad coordination, estimate of time, supplemental survey, and all other work required to complete the construction plans.

The department will furnish the Consultant with all available structure information, old plans, aerial photography and mapping, traffic data, crash data, existing Right-of-Way information, any available survey information, boring logs, and any other available information.

The estimated construction cost for this project is $170,000,000. The Phase I completion date will be 24 months after authority to proceed. Phase II will be negotiated near the completion of Phase I. The Phase II completion date will be 18 months after authority to proceed with the Phase II work.

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 Design Report and contract plans (must be an Illinois Licensed Professional Engineer).

- The person who will perform/supervise the work in the area of Hydraulic Analysis and Reports (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified. The Statement of interest must include experience in the analysis and completion of hydraulic reports on bridges and rivers of similar scope and complexity.

- The person who will perform the duties of Structural Engineer, that individual who is directly involved in the analysis and development of the contract structural documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will be in charge of the Geotechnical work (must be an Illinois Licensed Professional Engineer or a Illinois Licensed Structural Engineer with demonstrated experience in geotechnical engineering).

- The person who will act as the Environmental Lead. This person will be responsible for the day to day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, community impacts, socio-economics, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent approved Statement of Experience and Financial Condition.

- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). Survey prequalification category requirement may be completed by Sub and/or Prime.

- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.

The **Prime Firm** must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Reconstruction/Major Rehabilitation)
Structures (Major River Bridges: Continuous/Cantilever Truss)

In addition, the Prime Consultant must be prequalified in at least (2) of the additional following **Structures – Major River Bridge** categories: **Steel Girder, Tied Arch, Segmental Concrete Box Girders,** and/or **Cable Stayed Girders.**

The Prime Consultant must have experience in bridge type studies for main spans greater than 500 feet for both steel and concrete. In addition, the Prime Consultant should have experience in truss rehabilitation.

The Prime Consultant and/or the Sub Consultant(s) must be prequalified in the following categories to be considered for this project and be identified on the **Exhibit A** in the Statement of Interest.

Highways (Roads and Streets)
Hydraulic Reports (Waterways: Complex)
Geotechnical Services (Complex Geotechnical/Major Foundation)
Special Services (Surveys)

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

Firms **may** be required to give presentations the week of October 21, 2013.

29. Job No. D-96-002-14, FAP 63 (US 24) over the Mississippi River at Quincy, Phase I Engineering services which include Context Sensitive Solutions (CSS) for Structure Replacement, Adams County (Also Portion in Missouri), Region Four, District Six

This project requires 20% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **October 25, 2013,** at **1:30 P.M.** at the Region Four, District Six Office in **Springfield.**

Phase I engineering services are required for the preparation of a Location/Design Report, including necessary environmental reports for the removal and replacement of US 24 structure (S.N. 001-0019) over the Mississippi River in Quincy, and associated approach roadway work that could extend up to a mile or more east and west of the river. The typical existing roadway cross section is two lanes with shoulders in the eastbound direction. During Phase I, various alternatives are to be developed and studied to determine if the proposed structure will cross the Mississippi at the same location, on a new alignment, or adjacent to the existing westbound structure which may involve rehabilitation of that structure. It is anticipated that this project will require an Environmental Assessment (EA). In addition, this project has been identified as a Context Sensitive Solutions (CSS) project.

The Consultant's work is anticipated to include preparation of a Location/Design Report, Environmental Assessment, traffic management analysis, cost estimates, accident analysis, hydraulic studies, public involvement activities, bridge condition report, preliminary bridge layout plan, preliminary plans, cross sections, CSS Study and Report, peer review of the District's Structure Geotechnical Report, route surveys (pick-up), land surveys, type, size and location (TS&L) drawings, preliminary roadway plans, right-of- way documents, drainage system design, and all other work related to complete Phase I and associated with the entire project.

This project is expected to include public involvement utilizing Context Sensitive Solutions (CSS). Public Involvement may include holding informational meetings and public hearings, preparation of exhibits for meetings and hearings, preparation and distribution of newsletters, and evaluating and incorporating comments from these meetings into the public involvement portion of the Location/Design Report. The Consultant may also be required to aid IDOT in coordinating and conducting meetings with a variety of stakeholder groups designed to generate input from local representation regarding the concerns and needs of the region in developing proposed location / alignment alternatives for the bridge replacement, and evaluating and incorporating the stakeholder input throughout the entire study to develop a recommended alternative. The CSS process will guide IDOT and help determine the location of the proposed bridge and necessary work on the roadway approaches.

The department will furnish the Consultant the available survey notes, aerial photography and mapping, microfilm plans, existing right-of-way information, old soil boring logs, accident data, traffic data, utility coordination, environmental coordination, and any other available information.

The estimated construction cost for this project is $150,000,000. The completion date for this contract will be 36 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses/Reports (Complex) (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of bridge condition reports and bridge layout (must be an Illinois Licensed Structural Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition.
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.

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

Highways (Roads and Streets)
Location/Design Studies (New Construction/Major Rehabilitation)
Structures (Highway: Complex)

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

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

30. <u>Job No. D-96-001-14; Various Phase I/II for Projects, Various Routes, Various Counties, Region Four, District Six</u>

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 Scope of Services meeting on **October 25, 2013,** at **10:00 A.M.** in the Region Four, District Six Office in **Springfield**.

Phase I/II engineering services are required for various projects throughout District Six. 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. A few of these projects may include, but not be limited to, completing plan preparation for bridge repairs / rehabilitations for various structures on I-72 from Sangamon County line to West of US 67 in Morgan County.

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 these projects may range from $100,000 to $3,000,000. It is anticipated that this contract will include approximately 5 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).

- 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 (Freeways)

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).

31. <u>Job No. P-98-084-13, Land Surveying, Various Routes, Various Counties, Region 5/District Eight.</u>

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 negotiation meeting on **October 28, 2013** at **1:00 P.M.** at the Region 5/District Eight Office in **Collinsville**.

Land surveying services are required for various projects in District 8. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or Metric units.

The Consultant's work is anticipated to consist of performing land surveys for highway purposes. This may include land surveying to reference the highway centerline to public land lines, land surveying to locate boundaries, record research, preparation and recording of monument records, preparation of legal descriptions, preparation of Freeway Orders, preparation of various plats and maps including: Statutory Plat of Highways, existing right of way survey plats or maps, centerline plats, corridor protection maps and excess right of way parcel plats. The Consultant's work may include right of way staking. The Consultant's work may include performing horizontal and vertical control surveys and topographic surveys for highway design projects.

The Consultant's work may also include work as a Land Survey - Project Manager (PM). PM duties shall be performed at the District Eight Office in Collinsville. This work may include the management and review of right of way survey projects as prepared by other Consultants. This work may entail the accurate review of Consultant prepared Plat of Highways, Excess Right of Way Plats, Existing Right of Way Surveys and legal descriptions in accordance with the Department's Land Acquisition Manual and with the District Eight checklists and procedures. This work may also include record research at the district office and at the county recorder offices or other governmental agencies; ordering, reviewing and accounting for the necessary title commitments of each project; maintenance of the Land Acquisition databases; maintenance of project files; oral and written communication with right of way survey consultants, title company representatives, property owners and district staff; participation at project meetings; and fieldwork as required.

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.

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

The 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 the project manager for all aspects of the work documents must be an Illinois licensed Land Surveyor.
- The person who will perform the surveys. This person must be an Illinois Licensed Professional 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).

32. Job No. C-98-001-14, Phase III Various Projects for Construction Inspection, Various Routes, Various Counties, Region 5/District 8.

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 who the prime Consultant will be using are scheduled to attend a negotiation meeting on **November 6, 2013** at **10:00 a.m.** at the Region 5/District 8 office in **Collinsville.**

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

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

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. The Resident Engineer will direct/coordinate the activities of the Consultant staff. The Consultant may be required to furnish a liaison Resident Engineer to work directly with the IDOT Resident Engineer and provide 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 $100,000 to $10,000,000. 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 various projects are scheduled for construction during the 2013, 2014, and 2015 construction seasons. The completion date for this contract will be 36 months after authorization to proceed.

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

- The Resident/Liaison Engineer (s)
- The Materials Coordinator include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training
- Proportioning technician(s) for concrete/bituminous include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**)
- The Materials QA Technician include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training
- Nuclear Density Inspector(s), Include evidence of appropriate QC/QA density training and nuclear 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).

33. <u>Job No. P-98-072-13, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

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 **October 28, 2013** at **1:00 P.M.** at the Region Five/District Eight Office in **Collinsville.**

Phase I and/or II engineering services are required for various projects in District 8. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Phase I work, if required, may consist of conducting initial project reviews for recommendations for improvements, geometric reviews and/or studies, capacity reviews and/or studies, route surveys, utility coordination, drainage studies, hydraulic analyses, geotechnical studies, environmental studies, public involvement including Context Sensitive Solutions (CSS) duties, preparation of Type, Size, Location plans (TSLs) preparation of Bridge Condition Reports, and preparation of Environmental or Project Reports. This work may include data collection, development of alignment alternatives, intersection design studies, design of preliminary geometry, cost estimates, traffic management analysis, crash analysis, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, hydraulic analyses, geometric studies, roadway plans, structure plans, and any other related work to complete final plans, specifications and estimates, as necessary. The various proposed projects may consist of bridge repair, bridge rehabilitation, bridge replacement, and resurfacing type projects, including interstate resurfacing.

Project Management (PM) work may be included as part of Phase I and/or Phase II Consultant projects. The work may include but not be limited to:

- validating and monitoring project scope;
- reviews and contract administration;
    - providing technical guidance to the department and Consultants on plan preparation, staging, construction scheduling and contract management,
        - resolving design technical issues;
        - managing and tracking cost;
    - reviewing project reports and environmental documents for accuracy and completeness;
    - reviewing plans and specifications for conformance with approved design reports, environmental documents, current standards, policies, procedures and practices;
        - reviewing geometric documents including intersection design studies (IDS);
    - ensuring all utility coordination and impacts have been addressed with consultants and the District Utilities unit;
    - making certain all land acquisition coordination and impacts have been addressed with consultants and the District Land Acquisition Section;

- conducting regular progress meetings and briefings for the department and other entities on project progress;
- responding to all external and internal requests for information, answers, plans, and reports;
- schedule and prepare the content of all information for media/community release by department or Consultant staff;
- providing a local, central point of contact for members of the public, stakeholders and media to disseminate project information;
- and all other work as necessary and required to manage assigned Consultant Phase I and/or Phase II projects.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, existing right-of-way plans, crash statistics, agency coordination, aerial photos, boring logs, existing Bridge Condition and Hydraulic Reports, and any other available information.

The Consultant's work may include either a complete project or a portion of the total engineering necessary for a certain project's completion. The completion date for this contract will be 24 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 Phase I/Phase II 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 Phase I and/or Phase II deliverables (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Surveyor). This work can be performed by the Prime and/or the subconsultants.

- 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 with adequate experience in this work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

- The person who will perform CSS/Public Involvement duties (must include a detailed description of CSS/Public Involvement work he/she has directed involving a facilitation of public meeting and public hearing, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc).

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

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

Location/ Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads & Streets)

Structures (Highway: Advanced Typical)

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

34. <u>Job No. P-98-004-08/D-98-075-13: FAP 327 (US 50), from IL 4 South of Lebanon to US 50 West of Summerfield, St. Clair County, District Eight.</u>

This Project may contain Federal Funds.

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 an initial meeting on **October 29, 2013** at **1:30 P.M.** at the District Eight Office in **Collinsville.**

Phase I and II engineering services are required for the preparation of a Design Report, updating environmental information, and plan preparation for the construction of two lanes (one in each direction) on new alignment of US 50 from IL 4 south of Lebanon to US 50 west of Summerfield.

The project is anticipated to include the construction of new traffic lanes along new alignment designated as US 50. The facility is proposed to be a two lane section with the drainage system to be determined. A new bridge is expected to be required over the CSX Railroad. The facility will also require analysis for a possible bicycle and pedestrian accommodation. The approximate length of the improvement is 3.3 miles.

The department will furnish the Consultant with microfilm, unit prices for cost estimates, existing right-of-way information, traffic data, crash data, coordination and correspondence.

The Consultant's Phase I work includes data collection, geometric studies, crash analysis, route and hydraulic surveys, potential land surveys, Hydraulic Report, drainage study, environmental documentation including a noise study, type, size, and location (TSL) drawings, traffic management analysis, preparation of pre-final plans for submittal of construction limits, and all work necessary to complete a Design Report. The environmental aspect of this project involves updating some minor environmental reviews and using the FAP 409 (US 50) EIS from O'Fallon to Sandoval that was approved in 1978 as a baseline to develop a new environmental document. At this time, it is anticipated that the project will be processed as a Categorical Exclusion – Group II.

Phase II work is anticipated to consist of providing plans, specifications, and estimates for the improvement of US 50 and all other required work to complete the contract.

The estimated construction cost for this project is $25,000,000. Phase I work must be completed within 24 months after authority to proceed. Phase II will be negotiated near the end of Phase I. Phase II work must be completed within 12 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 Location Drainage Study (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 be in charge of surveys (must be an Illinois Licensed Land Surveyor). Surveying prequalification category requirement may be completed by Prime and/or Sub.

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

Highways (Roads & Streets)

Location/Design Studies (Reconstruction/Major 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).

35. <u>Job No. P-98-011-13/D-98-108-05 Replacement of Structure Located on IL 143 over Shoal Creek 0.7 miles West of I-127 and just East of Pierron in Bond County, Region Five/District Eight.</u>

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 an initial meeting on **October 29, 2013** at **10 A.M.** at the Region Five/District 8 offices in Collinsville**.**

Phase I and II services are required to perform all work associated with the preparation of the preliminary engineering report, environmental study (anticipated to be processed as an Categorical Exclusion Type Project), and preparation of contract plans, special provisions and estimates for the improvement involving the replacement of S.N. 003-0034 located on IL 143 over Shoal Creek 0.7 miles west of IL 127 and just east of Pierron. This project is expected to be a full structure replacement, with an estimated profile increase of approximately 5 feet. The estimated project length is 0.7 miles (3,700 feet), and there is a potential to include horizontal and vertical curve design at the east end of the project.

Phase I engineering services are required to complete a Project Report including a detailed environmental summary for the replacement of S.N. 003-0034. Specific tasks include, but are not limited to, data collection, crash analyses, geometric studies, location drainage study, public involvement, preliminary plan and profile work, environmental studies to complete a environmental investigations summary for a categorical exclusion type project, wetland impact evaluation (to be included in environmental summary), Traffic Management Analysis, and TSL (Type, Size, and Location) plan and all other work necessary to produce a Project Report for Design Approval.

Phase II engineering services will include the preparation of contract plans, specifications, and estimates for the approach roadway, replacement structure, roadway profile and alignment changes, any necessary entrance improvements and geometric modifications, drainage plan, maintenance of traffic plan, storm water pollution prevention plan, supplemental surveys, and all other necessary related work to complete Phase II.

The department will furnish the Consultant with any available as-built plans, microfilm plans, existing and projected 20-yr traffic data, field notes, accident statistics, agency coordination, existing right-of-way plans, as available, hydraulic report, geotechnical data and reports, utility coordination and correspondence; bridge condition report (BCR) and archaeological, historical, biological survey as well as hazardous waste coordination and any other available information.

The estimated construction cost for this project is $15,500,000. The completion date for Phase I of this contract will be 12 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. Phase II work must be completed within 12 months after authorization to proceed with Phase II.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform 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 Studies – New Construction/Major Reconstruction

Highways (Roads & Streets)

Structures (Highway: Typical)

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

36. <u>Job No. P-98-071-13, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

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 **October 28, 2013** at **10:00 A.M.** at the Region Five/District Eight Office in **Collinsville.**

Phase I and/or II engineering services are required for various projects in District 8. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Phase I work, if required, may consist of conducting initial project reviews for recommendations for improvements, geometric reviews and/or studies, capacity reviews and/or studies, route surveys, utility coordination, drainage studies, hydraulic analyses, geotechnical studies, environmental studies, public involvement including Context Sensitive Solutions (CSS) duties, preparation of Type, Size, Location plans (TSLs) preparation of Bridge Condition Reports, and preparation of Environmental or Project Reports. This work may include data collection, development of alignment alternatives, intersection design studies, design of preliminary geometry, cost estimates, traffic management analysis, crash analysis, and other related work and exhibits necessary to produce the Environmental or Project Report, as necessary.

The Phase II work, if required, may consist of conducting route surveys, hydraulic analyses, geometric studies, roadway plans, structure plans and any other related work to complete final plans, specifications and estimates, as necessary. The various proposed projects may consist of bridge repair, bridge rehabilitation, and bridge replacement and also resurfacing type projects, including interstate resurfacing.

Project Management (PM) work may be included as part of Phase I and/or Phase II Consultant projects. The work may include but not be limited to:

- validating and monitoring project scope;
- reviews and contract administration;
    - providing technical guidance to the department and Consultants on plan preparation, staging, construction scheduling and contract management,
        - resolving design technical issues;
        - managing and tracking cost;
    - reviewing project reports and environmental documents for accuracy and completeness;
    - reviewing plans and specifications for conformance with approved design reports, environmental documents, current standards, policies, procedures and practices;
        - reviewing geometric documents including intersection design studies (IDS);
    - ensuring all utility coordination and impacts have been addressed with consultants and the District Utilities unit;

- making certain all land acquisition coordination and impacts have been addressed with consultants and the District Land Acquisition Section;
- conducting regular progress meetings and briefings for the department and other entities on project progress;
- responding to all external and internal requests for information, answers, plans, and reports;
- schedule and prepare the content of all information for media/community release by department or Consultant staff;
- providing a local, central point of contact for members of the public, stakeholders and media to disseminate project information;
- and all other work as necessary and required to manage assigned Consultant Phase I and/or Phase II projects.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, existing right-of-way plans, crash statistics, agency coordination, aerial photos, boring logs, existing Bridge Condition and Hydraulic Reports, and any other available information.

The Consultant's work may include either a complete project or a portion of the total engineering necessary for a certain project's completion. The completion date for this contract will be 24 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 Phase I/Phase II 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 Phase I and/or Phase II deliverables (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Surveyor). This work can be performed by the Prime and/or the subconsultants.

- The person who will perform the work of the Structure plan preparation documents (must be an Illinois Licensed Structural Engineer).

- The person who will perform the QC/QA review work of all milestone submittal.

- The person who will perform CSS/Public Involvement duties (must include a detailed description of CSS/Public Involvement work he/she has directed involving a facilitation of public meeting and public hearing, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc).

The Statements of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's current key personnel staff as listed above. Statements of Interest must list all applicable projects.

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

Location/ Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads & Streets)

Structures (Highway: Advanced Typical)

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

37. <u>Job No. P-99-002-06, Bridge Inspection, Various Bridges, Various Locations, Region Five/District Nine</u>

This project requires 15% DBE participation.

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

The prime 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, 2013** at **10:00 A.M**. at the Region Five/ District Nine Office in **Carbondale.**

Engineering services are required for the performance of bridge inspections at various locations throughout District 9. The following services may be required for bridge inspections:

- Perform safety inspections, as required by the National Bridge Inspections Standards, for bridge directly under the jurisdiction of the department.
- Provide inspection services during emergency response situations to assist the district in assessing present conditions.
- Perform Routine, Fracture Critical, Special Feature, Underwater, Hands On and Element Level Inspections as required by the Structural Services Manual and the Structural Information and Procedural Manual(SIPS).
- Provide the appropriate bridge inspection equipment and traffic control to complete all inspections and field work as needed.
- Provide the needed drafting services and waterway cross-sections.

The Consultant's work may include completion and submittal to the department of all documentation required to satisfy the National Bridge Inspection Standards (NBIS) as specified in the department's Structure Information and Procedure Manual, a summary of all significant deficiencies noted during inspection and general recommendations in regard to the urgency for and manner of addressing the deficiencies, the collection of specific damage or deterioration information for various situations as illustrated in the Structural Services Manual, and the evaluation of any identified structural damage or structural deterioration, where repairs will be recommended or the rating will change, shall be coordinated with the District's Bridge Maintenance Engineer and the Bureau of Bridge and Structures.

Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in English units. When information obtainable from existing bridge plans is in metric units, the work for this project will be in English units with metric units also provided.

The department will furnish the available plans, field notes, previous inspection data, and any other available information pertinent to the Consultant. Projects vary greatly in size and complexity as well as timing.

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 person who will assume the duties of Project Manager / Project Engineer for all aspects of the work: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer and have successfully completed a comprehensive bridge inspection training course approved by the Federal Highway Administration.)

- The person who will perform the work in the area of Routine, Fracture Critical, Special Feature, Underwater, Hands On, and Element Level Inspections (must be an NBIS qualified Team Leader).

Statements of Interest must also include the Consultants relevant experience with bridge inspection services specified by members of the Consultant current key personnel staff as listed above, and indicate the sources used to provide project personnel with Federal Highway Administration approved comprehensive bridge inspection training and the schedule for providing training for project personnel in need of such training.

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

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

38. <u>Job. No. D-30-004-14, Various Structural Engineering Services, Including Emergency Response Services Statewide for the Bureau of Bridges and Structures.</u>

This project requires 5% 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 31, 2013** at **10:00 A.M**. at the Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Various structural engineering services are required by the Bureau of Bridges and Structures. Services are anticipated to include updating and maintenance of emergency response manuals for earthquake and other natural or man-made disaster incidents and response to such events. Work Orders under a blanket agreement will be negotiated and authorized by the Department on an as needed basis.

Due to the potential for a widespread event area, it is anticipated that the Consultant will require a significant number of Sub-Consultants to form response teams. It is anticipated that, in response to a large scale event, that a minimum of twenty (20) response teams would be required. Each team, at a minimum, shall be comprised of three (3) individuals; two (2) of which must be either an Illinois Licensed Structural Engineer and/or Illinois Professional Engineer. One (1) or more team members shall be a Qualified NBIS Program Manager or Team Leader. At least one (1) team member must be an Illinois Licensed Structural Engineer. All team members shall be experienced in bridge design, construction, inspection, and/or rating.

In the event of a large scale event, the Consultant and any subconsultants must have additional office design staff available for emergency bridge plan preparation for bridge repairs or total replacement. This will include structural, geotechnical, hydraulic, and roadway personnel. Team and office staff responsibilities may include field assessment of damaged bridges, load capacity estimation, preparation of emergency repair details, and expedited bridge replacement plans.

The department maintains a list of Contractors who have volunteered to participate in response exercises. In the event of a real event, those Contractors would be part of the overall response effort.

The Consultant must maintain coordination with the department and all subconsultants and Contractors as part of the response effort. Simulated response exercises may be conducted as requested by the department. The Consultant must be prepared to respond to an event with no advanced notice. The Consultant may also be required to provide all appropriate equipment and transportation to complete these response services during an event.

Due to potential infrastructure security concerns, the Consultant and all subconsultants will be subject to background checks.

The department will furnish the available documents and resources to the Consultant. Services to be handled by the selected Consultant vary greatly in size and complexity as well as timing.

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:

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer and an Illinois Licensed Structural Engineer).

- Persons who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or Illinois Licensed Structural Engineer).

- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). The Illinois Licensed Structural Engineer(s) performing this work must be identified.

- Person(s) who will perform the work in the area of Structure Geotechnical Reports and/or geotechnical/foundations/wall design recommendations (must be an Illinois Licensed Professional or Structural Engineer) shall be identified.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience).

- Person(s) who will perform/supervise the work in the area of Hydraulic Reports and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer).

- Key persons who will comprise each Response Team must be identified. This will include each team's Illinois Licensed Structural Engineer and each team's Qualified NBIS Program Manager or Team Leader. The Consultant shall identify a minimum of five (5) teams in the proposal. The remainder of the teams shall be identified within three (3) months of selection and will be added by a supplement to the agreement.

The prime firm must be prequalified in the **Structures (Highway: Advanced 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).

39. <u>Job No. D-30-001-14, Engineering Services for the Underwater Diving Investigation of Bridges, Bureau of Bridges and Structures.</u>

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 31, 2013** at **10:00 A.M**. at the Central Bureau of Bridges and Structures in Springfield.

Underwater diving inspection services are required for investigating bridge substructure units and other structures in the water. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant's work shall include furnishing all labor, materials, and equipment necessary for:

- Visual and tactile inspection of 100 percent of underwater structures (level 1),
- Providing measurements of pitting and damage not to exceed 10 percent of each underwater structure,
- Providing measurements of scour, water depth around piers, and cross sections of the streambed, and
- Providing complete reports with topside photographs, diagrams and underwater photographs necessary to adequately describe conditions and deficiencies found.

The reports will include a scope of work, description of structure, method of investigation, existing site conditions, structure condition with elevations showing damage and streambed elevations, stream bed probing information at each pier, streambed elevation grid 50' out from each pier, streambed cross sections at both fascias and at 100' upstream and downstream, NBIS underwater inspection rating and anything else as requested by the Bureau of Bridges and Structures. The reports shall be signed and sealed by an Illinois Licensed Structural Engineer.

The department will provide plans.

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:

- An Illinois Licensed Structural Engineer on staff who will supervise the inspection by certified divers and be approved as an inspection Team Leader by the Bureau of Bridges and Structures as required by the NBIS, CFR23.
- The persons performing the diving will be certified divers and be qualified bridge inspectors in accordance with the National Bridge Inspection Standards and have passed the 80 hour class NBIS Safety Inspection of In-Service Bridges (FHWA-NHI-130055) or the 32 hour class NBIS Underwater Bridge Inspection (FHWA-NHI-130091).

- All staff that will be performing each part of the job, including:
  - field work,
  - diving,
  - report writing and
  - QA/QC.
  - All resumes should include a brief description of previous projects completed by each staff member.

Statements of Interest must include the following:

- Firm's experience with this type of work.
- Firm's technique for completion of this type of work.

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).

Firms interested in submitting for this item that are not currently prequalified must contact Carrie Kowalski to establish an account in EPAS so the firms can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an account in EPAS may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment at Carrie.Kowalski@illinois.gov.

40. <u>Job No. D-30-002-14, Various Phase I/II Engineering for Structure Projects Statewide, Bureau of Bridges and Structures.</u>

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 an initial meeting on **October 30, 2013** at **9:00 A.M.** at the Central Bureau of Bridges and Structures in Springfield.

Primary projects are anticipated to include NBIS and Element Level Inspections of major river bridges, and possible training. Limited projects will include Damage Inspections. The Consultant may be required to provide appropriate bridge inspection equipment to complete NBIS and Damage Inspections and Field investigations. The Consultant may also be required to provide the appropriate traffic control. Anticipated projects may also include plan preparation for the repair, rehabilitation, or replacement of structures, load capacity rating of existing and/or new structures, drafting services and possible field investigations. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

The department will furnish the available documents and resources to the Consultant. Projects to be handled by the selected Consultant vary greatly in size and complexity as well as timing. The selected Consultant must have the capacity to absorb this work without adversely affecting other commitments while still completing these projects in the prescribed time.

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:

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer).

- Person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).

- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- Person(s) who will perform the work in the area of Structure Geotechnical Reports and/or geotechnical/foundations/wall design recommendations (must be an Illinois Licensed Professional or Structural Engineer) shall be identified. The Geotechnical Services (SGR) prequalification category may be completed by Prime and/or Sub.

- Person(s) who will perform/supervise the work in the area of Hydraulic Reports and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). Hydraulic Reports: Typical prequalification category requirement may be completed by Prime and/or Sub.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience).

- Person who will perform the work in the area of NBIS and Element Level inspections and training must be an NBIS qualified Team Leader and an Illinois Licensed Professional Engineer or Illinois Licensed Structural Engineer. In addition, the staff performing this work must be identified.

The prime firm must be prequalified in the **Structures (Highway: Advanced Typical)** category and have the necessary training for **NBIS and Element Level Inspection** 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).

41. Job. No. D-30-003-14; Engineering Services for Painting Inspection of Various Structures, Bureau of Bridges and Structures.

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, 2013** at **9:00 A.M**. at the Central Bureau of Bridges and Structures in Springfield.

Phase III engineering services are required for the supervision, inspection, and documentation of various painting contracts and other coatings related expertise statewide. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. The services include providing contract supervision/inspection for various painting contracts as requested by the Districts and authorized by the Bureau of Bridge and Structures. Services also includes providing paint coating failure analysis for ongoing or recently completed painting projects along with recommended solutions, providing technical assistance on specifications, special provisions and various other departmental policies, providing evaluations and recommendations of new painting, cleaning, or containment systems as necessary. The project also involves providing environmental monitoring assistance and training when necessary, and suitable traffic control according to departmental standards, when required.

For contract inspection, the Consultant will furnish approved engineer/technician(s) to act as Resident Engineer(s) on assigned projects. The Consultant will perform on-site inspection, maintain documentation, and submit pay estimates, change orders, and any other duties that would require the services of an 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 the Department for each project. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer.

For other coatings related expertise, the Consultant will furnish approved personnel, documentation, and services as necessary to perform the work as assigned.

The department will furnish the Consultant with site specific plans and specifications per project, the existing special provisions, the 2012 Standard Specifications for Road and Bridge Construction, the 2013 Supplemental Specifications, any other available paint data, and a contact person(s) to act as a liaison between the Consultant and the department.

The Consultant is required to have the following:

- Five years of experience in construction management and inspection services during surface preparation and coating application.

- Three years of experience in environmental and worker monitoring on industrial lead paint removal projects.

- The use of a laboratory accredited by the American Industrial Hygiene Association (AIHA) for the analysis of metals for all worker exposure filter analyses including PM-10 and TSP-lead filters.

- A fully equipped analytical and physical testing laboratory to support technical and field personnel, as well as associated coatings and monitoring instrumentation necessary to support multiple field projects.

- Documented and acceptable quality control procedures.

- All the necessary equipment to provide or accomplish the above mentioned tasks.

This 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 the Project Manager for all aspects of the work (must be an Illinois Registered Professional Engineer).

- The person performing the duties of the Project Engineer (must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3).

- The person(s) performing the duties of the Resident Liaison Engineer/Technician(s) (must be a NACE Certified Coatings Inspector – Level 3).

- The Documentation Engineer/Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.**

Statements of Interest must also include the following:

- Your firm's experience with this type of work, including the firm's experience in construction management and inspection and in environmental work and worker monitoring.

- Your firm's techniques for completion of this work.

- Names of key personnel along with resumes indicating qualifications including the registered Professional Engineer in charge of the project, the person who will act as a Project Engineer and the name(s) of the NACE Certified Coatings Inspector(s) who will act as Resident Liaison Engineer/Technician(s). (Exhibit A)

- A statement of your firm's ability to do the work in-house, or if necessary, what work you would need to subcontract.

- Name, location, and accreditation of laboratory to be used.

- A statement of your firm's ability to perform the work within the time frame described above.

- The firm's quality assurance and quality control plan.

- Name and phone number of the contact person in your organization.

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).

Firms interested in submitting for this item that are not currently prequalified must contact Carrie Kowalski to establish an account in EPAS so the firms can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an account in EPAS may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment at Carrie.Kowalski@illinois.gov.

42. <u>Job No. C-45-002-14, Project Management and Project Support for Various Projects, Bureau of Local Roads and Streets.</u>

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, 2013** at **1:30 P.M.** at the Central Bureau of Local Roads & Streets (CBLRS) office in **Springfield.**

A Project Manager (PM) Consultant is required for various engineering services within the CBLRS. The PM will support IDOT staff in managing policy implementation, specification and special provision development, and local public agency (LPA) project review. This work involves working directly with central office staff in CBLRS and other bureaus; the Illinois Association of County Engineers, the Illinois Municipal League, and the Township Officials of Illinois; and LPAs and their consultants. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The PM will be expected to perform work similar to an IDOT Civil Engineer V and VI. Key staff from the PM will usually be required to perform the work in the CBLRS office. This work may include engineering, technical support, engineering management, project control, administrative services, and field assignments necessary in bringing completion to projects expeditiously.

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.

The work is anticipated to include:

- Review policies issued by other offices and bureaus for inclusion or revision of the BLRS Policy Manual.
- Update BLRS Policy Manual based on revisions to AASHTO, TRB, ASTM, NCHRP, federal, and state manuals, guides, reports, research, and process reviews.
- Update policies, guides, specifications/special provisions, forms and any other CBLRS resource based on federal or state legislative changes.
- Monitor status of experimental feature for development and issuance of statewide specifications or special provisions.
- Provide technical articles for Illinois Interchange Newsletter.
- Coordinate the processing of Environmental Survey Requests (ESR's).
- Review and prepare comments on draft Phase I Project Development Reports (PDR's).
- Prepare, review and record joint agreements and engineering agreements

The Consultant is required to have the following:

- Experience in research, development and production of technical manuals, including the preparation of manuals for IDOT and other Departments of Transportation.
- Detailed knowledge of and experience in working with highway construction policies and procedures, including IDOT's Standard Specifications for Road and Bridge Construction,

AASHTO's Guide Specification for Highway Construction and LRFD Bridge Construction Specifications, the MUTCD, related work zone safety, environmental and OSHA policies, federal and state procurement requirements and FHWA contract administration regulations.

- Ability to produce and use the latest version of Microsoft Office products, CADD Micro-Station and Adobe Acrobat (PDF).
- Experience with developing preliminary engineering activities on highway projects.

Key personnel listed on **Exhibits A & B** 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 for engineering and technical support and in the review of project development reports and/or plans (must be an Illinois Licensed Professional Engineer).

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

Statements of Interest must also include:

- Firm's experience with the development of technical manuals and specifications; and with the review of Phase I and II documents.
- Firm's techniques for completion of this work.
- A statement of your firm's ability to perform the work within the time frame described above including allowance for review by IDOT Central Office, District Offices and LPA Partners.

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

Highways - Roads & Streets
Location Design Studies - Reconstruction/Major Rehabilitation
Location Design Studies - Rehabilitation
Environmental Reports - Environmental Impact Statements (EIS)
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).

43. <u>Job No. HPR-66-001-14, Statewide Intelligent Transportation System (ITS) Architecture and Strategic Plan Update for Office of Planning and Programming/Operations.</u>

This project contains Federal Funds

This project requires 10% DBE participation.

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

The Consultant who is selected for this project, and all sub-consultants the Prime Consultant will be using, are scheduled to attend an initial meeting on **November 4, 2013** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

The Department is requesting an update to the Statewide Intelligent Transportation System (ITS) Architecture and Strategic Plan. Additionally there may be work required to update and/or create various regional ITS Architectures throughout the state in coordination with the Department's District offices and Metropolitan Planning Organizations (MPOs). Revision and/or development work will require familiarity with the existing National ITS Architecture and any applicable Federal requirements as revised by SAFETEA-LU, MAP-21 and FHWA rule-makings and recommendations.

This will require the Consultant to review existing statewide and regional ITS Architecture and Strategic Plan documents, review existing and planned Department ITS projects, identify and conduct meetings and surveys with stakeholders, prepare and/or edit various documents and databases (including web based), recommend a process or processes for on-going maintenance of the Architecture and Plan, and other applicable study documents for the Department's ITS Program.

The Consultant must have the ability to effectively and efficiently complete this work within 24 months from 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 QA/QC 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 firm and proposed staff experience in ITS for the last 5 years.

Firms must be prequalified in the following categories to be considered for this project:

Special Studies – Traffic Studies

Special Studies – Feasibility

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).

44. <u>Job. No. P-30-002-14, Environmental Services for the Chicago Region Environmental & Transportation Efficiency (CREATE) Program, IDOT Bureau of Railroads</u>.

This project contains Federal Funding

This project requires a 15% DBE participation.

The **Complexity Factor** for the 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 30, 2013** at **1:00 P.M.** at the Division of Public & Intermodal Transportation office in **Chicago.**

Engineering services are required for various projects for the Chicago Region Environmental and Transportation Efficiency (CREATE) Program. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Work is anticipated to consist of but not be limited to Environmental Survey Request Forms (ESRF), Environmental Class of Action Determination (ECAD), Preliminary Environmental Site Assessments (PESA) and Preliminary Site Investigation (PSI) for CREATE Projects. Work may also consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analysis, geometric studies, environmental assessment, and location and design studies for new construction/major reconstruction, railroad structures, hazardous waste assessment, and preparing Project Reports. This work may include data collection, development of track alignment alternatives, cost estimates, signal layout, traffic/train management analysis, accident analysis, bridge condition reports, hydraulic reports, PESAs, PSIs, type, size and location (TS&L) drawings, structure plans and other related work and exhibits necessary to produce the Project Reports.

Additionally, the Consultant must be experienced in MicroStation, ArcGIS, and Primavera software systems.

It is anticipated that this contract will include multiple projects of the CREATE Program with estimated construction costs ranging up to $15,000,000. The engineering services required may consist of only a portion of the total engineering work on a certain project.

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

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

- The person(s) who will be in charge of rail engineering, rail structures, signal engineering CADD and cost estimations. Resumes should include a brief description of recent railroad work he/she has directed.

- 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 with railroad structure experience). In addition, the staff performing this work must be identified as well as their applicable experience in railroad structures. The Structure: Railroad prequalification category requirement may be completed by Sub and/or Prime.

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer) for all structural work with adequate plan review experience.

- The person who will perform the work in the area of hazardous waste. In addition, the staff performing this work must be identified as well as their applicable experience. The Hazardous Waste prequalification category requirement may be completed by Sub and/or Prime.

- 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. Consultant must have sufficient staff and support to progress a minimum of 6 ECAD's simultaneously while maintaining adherence to the established schedule.

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

Environmental Reports (Environmental Assessment)
Transportation Studies (Railway Engineering)

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).

45. <u>Job No. C-30-004-14, Program Manager for the Chicago Region Environmental, & Transportation Efficiency (CREATE) Program, Cook County, IDOT Bureau of Railroads.</u>

This project requires 30% 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 30, 2013** at **9:00 A.M.** at the Division of Public & Intermodal Transportation office in **Chicago.**

Phase I, II, III, and long-term maintenance oversight services are required for the CREATE Program in Illinois. The Consultant Program Manager (PM) will manage various projects, which are under contract with other Consultant engineering firms. Work orders under the blanket agreement will be negotiated and authorized on an as-needed basis. All work for this project may be in either English or metric units.

Joint Ventures will not be allowed on this project.

The PM will be expected to perform work similar to an IDOT Section Chief & staff. This work may include but is not limited to engineering, technical, management, land acquisition, environmental and administrative services to assist in bringing to completion as expeditiously as possible various elements of the Program.

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 work anticipated for under this contract may include, but not be limited to:

- Manage engineering Consultant projects assigned, including reviews and contract administration
- Manage and track project-level cost, schedule and budget requirements, and coordination with IDOT program-level and assigned project-level controls personnel
- Validate and monitor project scope
- Identify and implement all necessary coordination and communication within and outside the department; to IDOT and other CREATE stakeholders as required
- Hold regular progress meetings and briefings for IDOT including FHWA where details of the project and progress are presented
- Facilitate and expedite the resolution of technical issues, drawing upon necessary resources and experts in applicable disciplines
- Facilitate the resolution of contractual issues, drawing upon necessary resources within IDOT
- All other work as required to manage the Program.

The department will make available all IDOT, FHWA and other applicable procedures, standards and specifications, and any other available documents.

The completion date for this contract will be 24 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 Program Manager for all aspects of the work documents. (include applicable railway experience)

- The person who will assume the duties of Program Engineer, that individual-in-charge (must be an Illinois Licensed Professional Engineer and include applicable railway experience)

- The Environmental Lead, who will be responsible for the oversight of the environmental work effort and the persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer) & include applicable railway experience.

Statements of Interest must provide the approach the firm would take on this project, managing experience, etc as well as an outline of proposed procedures to be used in meeting project objectives. Additionally, the Consultant must be experienced in MicroStation, ArcGIS, and Primavera software systems. Consultants are also required to furnish a list of related railway experience completed in the last five years.

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

Location and Design Studies (New Construction/Major Reconstruction)
Special Transportation Studies (Railway Engineering)
Environmental Reports (Environmental Impact Statements)

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).

46. <u>Job No. HPR-66-001-14, Field Collection of Traffic Data on Various Routes for Various Counties in Districts Three, District Five, Seven and Nine, for the Office of Planning and Programming.</u>

This is a Federally Funded Project.

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 an initial meeting on **October 29, 2013** at **1:00 P.M**. in Room 214 at the Harry R. Hanley Building in **Springfield**.

Engineering services are required for collection of approximately 10,000 24-hour field traffic counts in District Three, District Five, District Seven and District Nine. This will entail obtaining accurate machine traffic counts using magnetic lane counters, video devices, and road tube counters, and submitting the raw traffic data to the department's district project manager for processing.

Four different types of machine traffic counts are required:

- 24-hour classification counts using magnetic lane counters (HiStars)
- 24-hour volume counts using road tube counters
- 24-hour Intersection turning movement counts with vehicle classification data from video devices (Miovision)
- 24-hour vehicle classification on higher volume mainline routes from video devices (Miovision)

For 2014, we are requesting 24-hour machine counts at locations on unmarked routes throughout Ford, Livingston, Edgar, McLean, Vermilion ,Coles, Fayette, Richland and Shelby counties. In addition, we are requesting 24-hour machine counts at locations on Interstates throughout District Nine.

For 2015, we are requesting 24-hour machine counts at locations on the State Marked Route system (Interstates, US Routes, IL Routes) throughout District Three, District Five, District Seven and District Nine. In addition, we are requesting 24-hour machine counts at locations on unmarked routes in Grundy, Kendall, Piatt, Crawford, Macon and Moultrie counties. At intersections of State Marked Routes throughout District Three, District Five, District Seven and District Nine, 24-hour turning movement counts with vehicle classification from video devices are required. Additional locations on higher volume AADT routes will require the use of video camera devices to extract the traffic counts. In both years, 24-hour machine counts will be required at HPMS locations, structures and railroad crossings to meet federal and state requirements.

The department may substitute counties other than those listed as necessary.

The department requires that the 24-hour volume/classification counts be collected with passive magnetic sensors (lane counters) and not with road tubes. For the State Marked Route Counts (Interstates, US Routes, IL Routes), the Histar NC-300 passive magnetic sensor will be required for most locations. For unmarked routes with previous AADT less than 500, road tubes can be

used to collect volume traffic data. Unmarked routes with previous AADT higher than 500 in most cases will require a HiStar traffic counter.

The 24-hour Intersection turning movement counts with vehicle classification data will require using the Miovision video collection unit or similar technologies that can accurately extract lane specific volume/classification traffic counts and turning movement data.

The 24-hour video data collection counts will require using the Miovision video collection unit or similar technologies that can accurately extract lane specific volume/classification traffic counts on high volume Interstate routes.

The video used to extract the turning movement and traffic data will not be required to be sent to IDOT. Instead, the consultant will provide access to the web-hosting site containing the video for IDOT to download during the period of the contract.

	Type of Count	District	Estimated Traffic Count locations		Total Locations
			Year 2014	Year 2015	
1.	24-hour volume/classification	3	700	1,400	2,100
	24-hour volume/classification	5	800	0	800
	24-hour volume/classification	7	500	1,000	1,500
	24-hour volume/classification	9	50	600	650
2.	24-hour road tube counts	3	0	0	0
	24-hour road tube counts	5	1,200	300	1,500
	24-hour road tube counts	7	2,200	1,000	3,200
	24-hour road tube counts	9	0	0	0
3,	24-hour TMC Intersection counts	3	0	106	106
	24-hour TMC Intersection counts	5	0	0	0
	24-hour TMC Intersection counts	7	0	61	61
	24-hour TMC Intersection counts	9	0	80	80

	Type of Count	District	Estimated Traffic Count locations		Total Locations
			Year 2014	Year 2015	
4.	24-hour Video data mainline counts	3	0	5	5
	24-hour Video data mainline counts	5	0	0	0
	24-hour Video data mainline counts	7	0	0	0
	24-hour Video data mainline counts	9	0	0	0

The completion date for this contract will be 23 months after authorization to proceed.

All traffic control procedures utilized by the Consultant must follow the IDOT "Work Site Protection Manual" and the "Supplement to the Work Site Protection Manual" unless otherwise approved by the District in which the count is located.

Statements of Interest and **Exhibit A** must include the following:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer). Include current assignments, location of office of assignment and percentage of time each month to be devoted to this project.
- The person who will perform the QC/QA review work of all milestone submittal documents.
- A proposal describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Sub-Consultant(s) and a schedule which allows for completion of that work by October 31 of each calendar year (2014 and 2015).
- A general description of the firm listing the location of major offices, number of employees in each major office and number of employees with actual experience in gathering traffic count data, and traffic counting equipment available to complete the contract.
- A description of traffic studies projects where field traffic data was collected by the firm within the past five years. Provide the name, title, address and telephone number of the individual in the hiring organization who supervised your firm's work on each project. The department reserves the right to contact any of the named individuals to determine performance on the listed project(s).
- An outline of procedures the firm will have in place to provide quality control/quality assurance for this project.

The department will furnish GIS shapefiles indicating count locations, ACCESS database containing the list of traffic count locations and count type required for the Consultant's use in developing a count schedule approved by the department's project manager. Raw field traffic data will be sent to the department electronically along with an ACCESS database table containing locations counted to IDOT's ftp site. Field traffic data obtained by the consultant

must be submitted to the department's project manager within ten working days of completion of the count.

The Consultant must demonstrate a thorough knowledge of traffic counting procedures and the capability to furnish equipment and personnel to safely accomplish the project.

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

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

47. <u>Job No. HPR-66-001-14, Field Collection of Traffic Data on Various Routes for Various Counties in Districts One and Two, for the Office of Planning and Programming.</u>

This is a Federally Funded Project.

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 an initial meeting on **October 28, 2013** at **1:00 P.M**. at the Harry R. Hanley Building in **Springfield**.

Engineering services are required for collection of approximately 8,700 24-hour field traffic counts in District One and District Two. This will entail obtaining accurate machine traffic counts using magnetic lane counters, video devices, and road tube counters, and submitting the raw traffic data to the department's district project manager for processing.

Four different types of machine traffic counts are required:

1. 24-hour classification counts using magnetic lane counters (HiStars)
2. 24-hour volume counts using road tube counters
3. 24-hour Intersection turning movement counts with vehicle classification data from video devices (Miovision)
4. 24-hour vehicle classification on higher volume mainline routes from video devices (Miovision)

For 2014, we are requesting 24-hour machine counts at locations on unmarked routes throughout Cook, Kane, and Stephenson counties.

For 2015, we are requesting 24-hour machine counts at locations on the State Marked Route system (Interstates, US Routes, IL Routes) throughout District One and District Two. In addition, we are requesting 24-hour machine counts at locations on unmarked routes in Lake, Carroll, Henry, Jo Daviess, and Rock Island counties. At intersections of State Marked Routes throughout District One and District Two, 24-hour turning movement counts with vehicle classification from video devices are required. Additional locations on higher volume AADT routes will require the use of video camera devices to extract the traffic counts. In both years, 24-hour machine counts will be required at HPMS locations, structures and railroad crossings to meet federal and state requirements.

In District One on divided 4-6 lane roadways (non-interstates) with higher traffic volumes, a truck with a truck mounted attenuator will be required when encroaching onto the roadway.

The department may substitute counties other than those listed as necessary.

The department requires that the 24-hour volume/classification counts be collected with passive magnetic sensors (lane counters) and not with road tubes. For the State Marked Route Counts (Interstates, US Routes, IL Routes), the Histar NC-300 passive magnetic sensor will be required for most locations. For unmarked routes with previous AADT less than 500, road tubes can be used to collect volume traffic data. Unmarked routes with previous AADT higher than 500 in most cases will require a HiStar traffic counter.

The 24-hour Intersection turning movement counts with vehicle classification data will require using the Miovision video collection unit or similar technologies that can accurately extract lane specific volume/classification traffic counts and turning movement data.

The 24-hour video data collection counts will require using the Miovision video collection unit or similar technologies that can accurately extract lane specific volume/classification traffic counts on high volume Interstate routes.

The video used to extract the turning movement and traffic data will not be required to be sent to IDOT. Instead, the consultant will provide access to the web-hosting site containing the video for IDOT to download during the period of the contract.

		District	Estimated Traffic Count locations		Total Locations
	Type of Count		Year 2014	Year 2015	
1.	24-hour volume/classification	1	3,800	1,600	5,400
	24-hour volume/classification	2	100	900	1,000
2.	24-hour road tube counts	1	0	0	0
	24-hour road tube counts	2	400	1,500	1,900
3,	24-hour TMC Intersection counts	1	0	190	190
	24-hour TMC Intersection counts	2	0	106	106
4.	24-hour Video data mainline counts	1	0	35	35
	24-hour Video data mainline counts	2	0	0	0

The completion date for this contract will be 23 months after authorization to proceed.

All traffic control procedures utilized by the Consultant must follow the IDOT "Work Site Protection Manual" and the "Supplement to the Work Site Protection Manual" unless otherwise approved by the District in which the count is located.

Statements of Interest and **Exhibit A** must include the following:

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

assignments, location of office of assignment and percentage of time each month to be devoted to this project.

- The person who will perform the QC/QA review work of all milestone submittal documents.
- A proposal describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Sub-Consultant(s) and a schedule which allows for completion of that work by October 31 of each calendar year (2014 and 2015).
- A general description of the firm listing the location of major offices, number of employees in each major office and number of employees with actual experience in gathering traffic count data, and traffic counting equipment available to complete the contract.
- A description of traffic studies projects where field traffic data was collected by the firm within the past five years. Provide the name, title, address and telephone number of the individual in the hiring organization who supervised your firm's work on each project. The department reserves the right to contact any of the named individuals to determine performance on the listed project(s).
- An outline of procedures the firm will have in place to provide quality control/quality assurance for this project.

The department will furnish GIS shapefiles indicating count locations, ACCESS database containing the list of traffic count locations and count type required for the Consultant's use in developing a count schedule approved by the department's project manager. Raw field traffic data will be sent to the department electronically along with an ACCESS database table containing locations counted to IDOT's ftp site. Field traffic data obtained by the consultant must be submitted to the department's project manager within ten working days of completion of the count.

The Consultant must demonstrate a thorough knowledge of traffic counting procedures and the capability to furnish equipment and personnel to safely accomplish the project.

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

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

48. <u>Job No. P-30-003-14, Comprehensive Truck Study on Size and Weight, Office of Planning and Programming.</u>

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 30, 2013 at 9:00 A.M**. at the Harry R. Hanley Building in **Springfield.**

Recent federal proposals have been introduced to increase truck size and weight on the nation's highways and the US DOT is conducting a comprehensive study regarding truck size and weight. With the number of roadway miles, structures, and trucks in Illinois, a Consultant is required to do a comprehensive study to identify and quantify the impact to Illinois roadways and bridges of any potential increase in truck size and weight. This study is intended to inventory the state and local truck system and 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 the potential cost to the state of these changes. The study should prepare the department for potential changes in truck size and weight regulations and ready the department to provide meaningful input into the national study.

The completion date for this contract will be 14 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 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 with adequate experience in this 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:

Structures: Highway (Advanced Typical)
Special Studies - Safety
Special Studies - Traffic Safety
Highways - Roads and Streets

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

49. <u>Job No. HPR-66-001-14, Field Collection of Traffic Data on Various Routes for Various Counties in District Four, District Six and District Eight, Office of Planning and Programming.</u>

This is a Federally Funded Project.

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 an initial meeting on **October 29, 2013** at **9:00 A.M**. the Harry R. Hanley Building in **Springfield**.

Engineering services are required for collection of approximately 8,700 24-hour field traffic counts in District Four, District Six and District Eight. This will entail obtaining accurate machine traffic counts using magnetic lane counters, video devices, and road tube counters, and submitting the raw traffic data to the department's district project manager for processing.

Four different types of machine traffic counts are required:

1. 24-hour classification counts using magnetic lane counters (HiStars)
2. 24-hour volume counts using road tube counters
3. 24-hour Intersection turning movement counts with vehicle classification data from video devices (Miovision)
4. 24-hour vehicle classification on higher volume mainline routes from video devices (Miovision)

For 2014, we are requesting 24-hour machine counts at locations on unmarked routes throughout Mercer, Tazewell, Adams, Brown, Cass, Hancock, Mason, Morgan and Schuyler counties.

For 2015, we are requesting 24-hour machine counts at locations on the State Marked Route system (Interstates, US Routes, IL Routes) throughout District Four, District Six and parts of District Eight. In addition, we are requesting 24-hour machine counts at locations on unmarked routes in Fulton, Marshall, Woodford, Menard, Montgomery and Scott counties. At intersections of State Marked Routes throughout District Four, District Six and parts of District Eight, 24-hour turning movement counts with vehicle classification from video devices are required. Additional locations on higher volume AADT routes will require the use of video camera devices to extract the traffic counts. In both years, 24-hour machine counts will be required at HPMS locations, structures and railroad crossings to meet federal and state requirements.

The department may substitute counties other than those listed as necessary.

The department requires that the 24-hour volume/classification counts be collected with passive magnetic sensors (lane counters) and not with road tubes. For the State Marked Route Counts (Interstates, US Routes, IL Routes), the Histar NC-300 passive magnetic sensor will be required for most locations. For unmarked routes with previous AADT less than 500, road tubes can be used to collect volume traffic data. Unmarked routes with previous AADT higher than 500 in most cases will require a HiStar traffic counter.

The 24-hour Intersection turning movement counts with vehicle classification data will require using the Miovision video collection unit or similar technologies that can accurately extract lane specific volume/classification traffic counts and turning movement data.

The 24-hour video data collection counts will require using the Miovision video collection unit or similar technologies that can accurately extract lane specific volume/classification traffic counts on high volume Interstate routes.

The video used to extract the turning movement and traffic data will not be required to be sent to IDOT. Instead, the consultant will provide access to the web-hosting site containing the video for IDOT to download during the period of the contract.

	Type of Count	District	Estimated Traffic Count locations		Total Locations
			Year 2014	Year 2015	
1.	24-hour volume/classification	4	0	800	800
	24-hour volume/classification	6	300	800	1,100
	24-hour volume/classification	8	0	500	500
2.	24-hour road tube counts	4	1,600	1,400	3,000
	24-hour road tube counts	6	2,200	800	3,000
	24-hour road tube counts	8	0	0	0
3.	24-hour TMC Intersection counts	4	0	114	114
	24-hour TMC Intersection counts	6	0	90	90
	24-hour TMC Intersection counts	8	0	56	56
4.	24-hour Video data mainline counts	4	0	8	8
	24-hour Video data mainline counts	6	0	20	20
	24-hour Video data mainline counts	8	0	5	5

All traffic control procedures utilized by the Consultant must follow the IDOT “Work Site Protection Manual” and the “Supplement to the Work Site Protection Manual” unless otherwise approved by the District in which the count is located.

The department will furnish GIS shapefiles indicating count locations, ACCESS database containing the list of traffic count locations and count type required for the Consultant's use in developing a count schedule approved by the department's project manager. Raw field traffic data will be sent to the department electronically along with an ACCESS database table containing locations counted to IDOT’s ftp site. Field traffic data obtained by the consultant must be submitted to the department's project manager within ten working days of completion of the count.

The completion date for this contract will be 23 months after authorization to proceed.

The Consultant must demonstrate a thorough knowledge of traffic counting procedures and the capability to furnish equipment and personnel to safely accomplish the project.

Statements of Interest and **Exhibit A** must include the following:

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer). Include current assignments, location of office of assignment and percentage of time each month to be devoted to this project.
- The person who will perform the QC/QA review work of all milestone submittal documents.
- A proposal describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Sub-Consultant(s) and a schedule which allows for completion of that work by October 31 of each calendar year (2014 and 2015).
- A general description of the firm listing the location of major offices, number of employees in each major office and number of employees with actual experience in gathering traffic count data, and traffic counting equipment available to complete the contract.
- A description of traffic studies projects where field traffic data was collected by the firm within the past five years. Provide the name, title, address and telephone number of the individual in the hiring organization who supervised your firm's work on each project. The department reserves the right to contact any of the named individuals to determine performance on the listed project(s).
- An outline of procedures the firm will have in place to provide quality control/quality assurance for this project.

The prime firm must be prequalified in the **Special Studies (Traffic)** category to be considered for this contract.

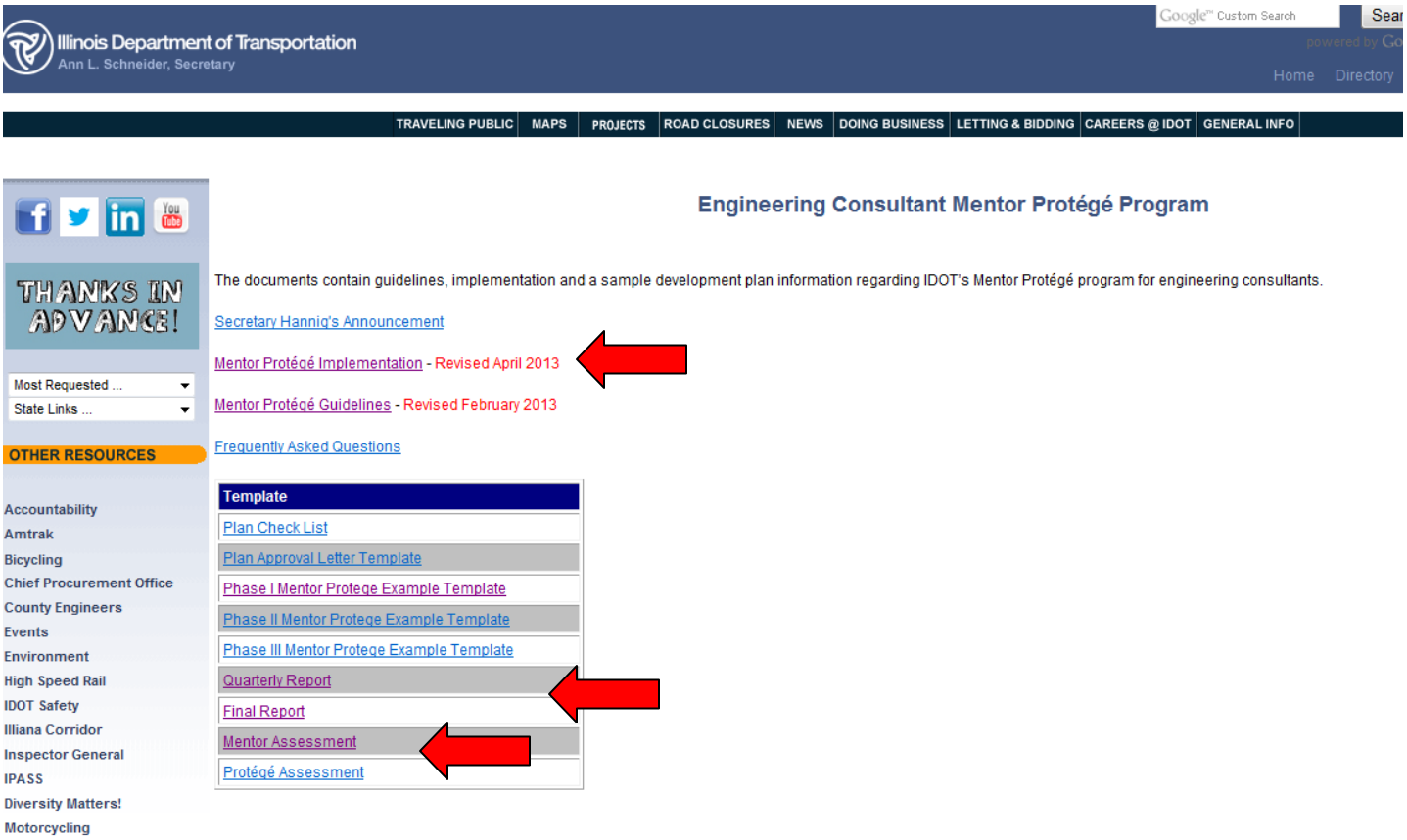
Statements of Interest, including resumes of the consulting firm’s key people must be electronically submitted to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

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.dot.il.gov
Doing Business
Consultant Services
Mentor-Protégé Program



NOTICE
2-26-13

This requirement is <u>NOT</u> 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
http://www.state.il.us/agency/idol/rates/rates.HTM

NOTICE
EPAS
ELECTRONIC SUBMITTALS -- Update
2-8-13

Submit all Statements of Interest through EPAS.

Hard Copies and/or E-mailed Statements of Interest will not be accepted.

The instructions regarding submittals for EPAS are located under the IDOT website, Doing Business, Consultant Services, Consultant Prequalification. http://www.dot.il.gov/desenv/preqcons.html Please refer to the manual for Statement of Experience and Financial Condition and Statements of Interest submittal processes.

EPAS will not allow incomplete or partial submittals. It will not allow submittals after the cutoff time. Do not wait to start this process. I strongly encourage review of the manual and completing as soon as possible.

The status of the firm's Statements of Interest submittal can be viewed in EPAS. Status should say submitted, if the status is in progress it has not been submitted.

For Specialty Consultant firms not currently prequalified and that wish to submit on specialty items, such as the items in this bulletin for the Bureau of Materials and Physical Research and the Painting Inspection for District One, please contact Carrie.Kowalski@illinois.gov to establish an EPAS account.

Statement of Experience and Financial Condition

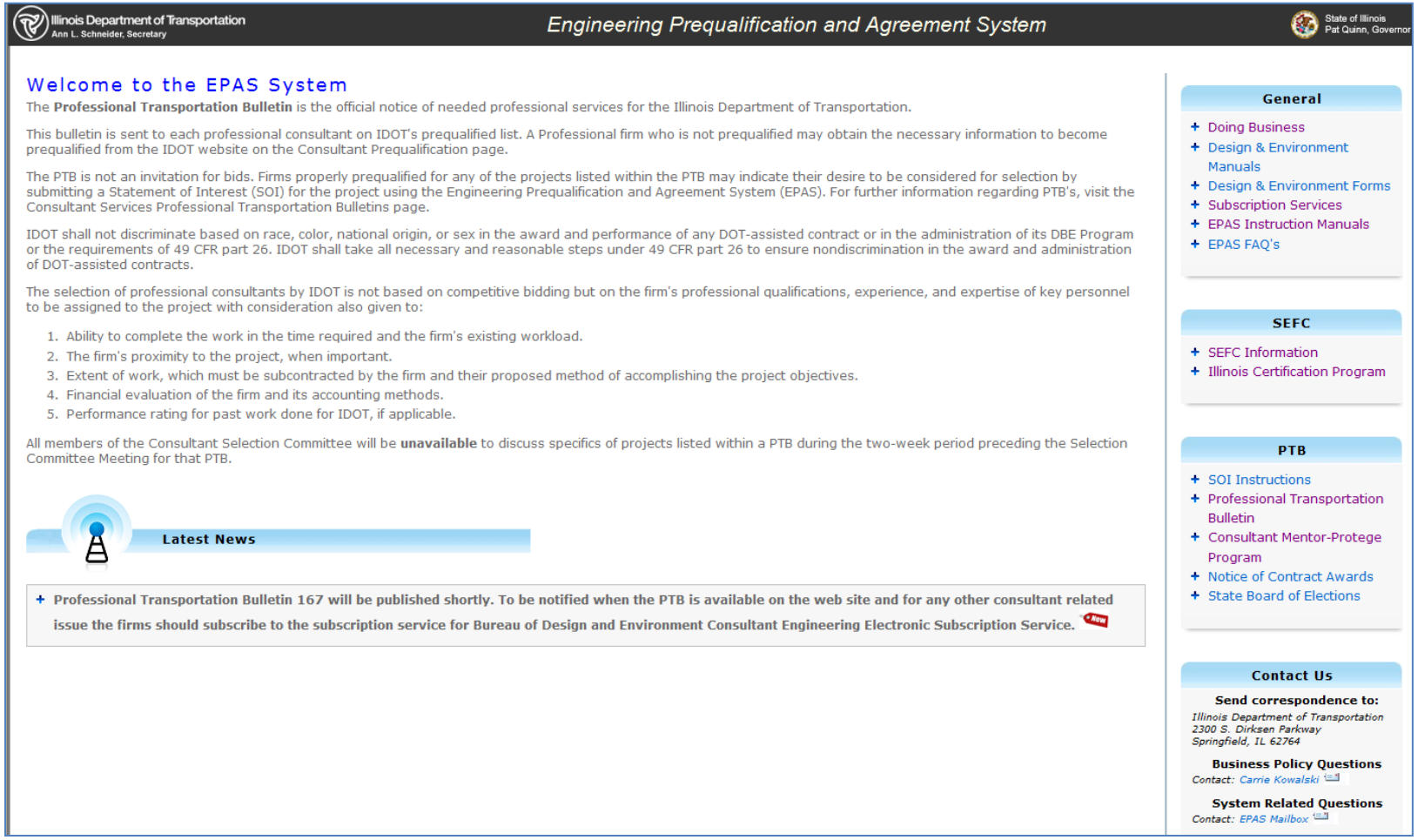
All updates to Statement of Experience and Financial Condition are required to be completed through the Engineering Prequalification Agreement System (EPAS).
THE DEPARTMENT **WILL NOT** ACCEPT PAPER VERSIONS. This includes staffing updates, category requests, change in address, etc.
After a firm is prequalified and approved, it can be updated by amending the SEFC application. Logon to EPAS, select amend, and be specific in the text as to what is being revised. Revise the Statement of Experience and Financial Condition application and when completed, submit to IDOT for review.

Only one active application at time can be done. If there is data in the IDOT queue to be reviewed, an update cannot be done until IDOT has completed its review. If the application is in the firm's queue and says in progress that means it has not been submitted to IDOT. The summary and submit and the approval box must be completed by the firm. When the application says submitted, then it's been sent to IDOT for review.

Notice

EPAS INFORMATION

Selecting Help on EPAS will bring up the following screen. There are directions, links to consultant related sites, contact information, and a Latest News section, which has been created to allow notifications to be posted in one location.



Illinois Department of Transportation
Ann L. Schneider, Secretary

Engineering Prequalification and Agreement System

State of Illinois
Pat Quinn, Governor

Welcome to the EPAS System

The **Professional Transportation Bulletin** is the official notice of needed professional services for the Illinois Department of Transportation.

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 to become prequalified from the IDOT website on the Consultant Prequalification page.

The PTB is not an invitation for bids. Firms properly prequalified for any of the projects listed within the PTB may indicate their desire to be considered for selection by submitting a Statement of Interest (SOI) for the project using the Engineering Prequalification and Agreement System (EPAS). For further information regarding PTB's, visit the Consultant Services Professional Transportation Bulletins page.

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.

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 within a PTB during the two-week period preceding the Selection Committee Meeting for that PTB.

Latest News

+ **Professional Transportation Bulletin 167 will be published shortly. To be notified when the PTB is available on the web site and for any other consultant related issue the firms should subscribe to the subscription service for Bureau of Design and Environment Consultant Engineering Electronic Subscription Service.** NEW

General

+ Doing Business
+ Design & Environment Manuals
+ Design & Environment Forms
+ Subscription Services
+ EPAS Instruction Manuals
+ EPAS FAQ's

SEFC

+ SEFC Information
+ Illinois Certification Program

PTB

+ SOI Instructions
+ Professional Transportation Bulletin
+ Consultant Mentor-Protege Program
+ Notice of Contract Awards
+ State Board of Elections

Contact Us

Send correspondence to:
Illinois Department of Transportation
2300 S. Dirksen Parkway
Springfield, IL 62764

Business Policy Questions
Contact: Carrie Kowalski

System Related Questions
Contact: EPAS Mailbox

NOTICE
FOR
JOINT VENTURE
2-08-13

Statements submitted by Joint Ventures may be considered unless specifically stated in the advertisement that they cannot. The Joint Venture, Agreement signed by all parties, must be included with the statement of interest. The Joint Venture entity will have the sum of the individual firms' prequalification, capacity and evaluation history.

IDOT **DOES NOT** have a form for joint venture agreements. The firms submitting as a joint venture are required to obtain and submit the joint venture agreement.

If a firm is submitting as part of a JV team, then the firm may not submit as a prime alone or as part of another Joint Venture team on the same item.

The required insurance coverage applies to the Joint Venture entity.

The Joint Venture entity will submit one statement of interest with the following specified:

- The party who will be the managing the firms, i.e. the lead firm.
- Which party is doing invoicing (typically the lead firm)
- The firm responsible for each prequalification category (must be prequalified in the category of work the firm is performing)
- Each individual firm's work left, delinquent debt, Iran disclosure, and disclosure forms A&B are required.
- Key personnel name and firm name on Exhibit A.

Joint Ventures can be submitted through EPAS. The firm's interested in performing Joint Ventures must coordinate with each other and submit through EPAS. The lead firm should submit the Joint Venture and the joint venture entities must submit the required forms.

NOTICE

ILLINOIS STATE BOARD OF ELECTIONS (SBE) CERTIFICATE
November 8, 2012

The requirement of including the State Board of Elections Certificate (SBE) with each Statement of Interest is no longer required.

Firms are required to be registered with the State Board of Elections.

To register go to http://www.elections.state.il.us/Default.aspx

The Chief Procurement Office will verify that all selected firms are registered. Firm's not registered may not be awarded the contract.

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.dot.il.gov/desenv/caddref.html .

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.

Illinois Department of Transportation
Office of the Secretary
2300 South Dirksen Parkway / Springfield, Illinois / 62764
Telephone 217/782-5597

December 20, 2011

MEMORANDUM TO ALL ILLINOIS DEPARTMENT OF TRANSPORTATION VENDORS

SUBJECT: Communicating with Vendors

It has been brought to the attention of the Illinois Department of Transportation (IDOT) from several sources that since the passage of Senate Bill 51 in August 2009, department employees have almost universally stopped communicating and meeting with our business partners. This has been the unfortunate result of the confusion and anxiety created by the bill. Now that rules have been established and training has been made available for procurement communication reporting, it is time for IDOT to do just that; communicate with our vendors.

By separate memorandum, IDOT employees are being instructed, when appropriate and possible, to meet with vendors for discussions that are advantageous to both. Therefore, I am establishing criteria and procedures that will allow communications and meetings between IDOT employees and vendors.

If you want to request a personal meeting with Illinois Department of Transportation (IDOT) staff and it is determined that such a meeting would benefit the department, the meeting request should be honored at the convenience and availability of IDOT employees. Such a meeting should not be scheduled in the time period that is two weeks prior to a selection committee meeting or a construction letting in order to remove any perception of the vendor attempting to unduly influence the procurement decision. Although the timing of the announcement of an RFP or other types of procurements are difficult to gauge, meetings with vendors that normally compete for department contracts through those types of processes should comply with all requirements of this memorandum with the exception of the two weeks exclusion of meetings before the procurement event.

At least two business days prior to the scheduled meeting date a representative of your firm must submit an agenda and a completed and signed OCC 2500 Form (Statement of Certification for Meeting with IDOT Staff) to the IDOT scheduler of the meeting which will be shared with all IDOT attendees. There will be no discussion of pending procurements by either side in the meeting. The discussions can concern your company's personnel, past experience and successes, company capabilities, new technologies, work done for other agencies and/or types of goods and services that your company performs or provides. Your company representatives will be asked to take

minutes during the meeting. If the discussion varies from the agenda or moves to pending procurements the meeting will be terminated and the vendor will be required to give a copy of their notes to the IDOT employee conducting the meeting.

Any violations of these guidelines will be dealt with on a case-by-case basis but could result in a one year suspension of your company's ability to meet with department personnel. I will be the decision maker on those issues.

It is time to get back to meeting with, getting to know, and working with our business partners for IDOT to be able to provide a better product for the taxpayers. If both you and your firm's representatives and IDOT employees follow the above guidelines, everyone will benefit.

Thank you for your interest in Illinois' transportation system.

Ann L. Schneider
Secretary

Illinois Department of Transportation

Statement of Certification
For Firm/Vendors Meeting With IDOT Staff

Each firm/vendor meeting with IDOT staff must complete and sign this form before any such meeting occurs. A new form must be completed for each meeting and each firm/vendor involved.

I, the undersigned, attest and certify that I, and the firm/vendor I represent, are aware of all legal requirements for procurement communication reporting for the State of Illinois. This includes the contents of Public Act 096-0795, commonly known as Senate Bill 51; and any subsequent amendments thereto. Legal requirements also include internal IDOT policies on procurement communications as posted on its departmental website. I also attest and certify that the firm/vendor and I will adhere to those strictures, upon penalty of a one-year ban on any communication with department personnel.

Further, I attest and certify that the firm/vendor and I are aware of departmental requirements governing such communications, specifically,

- All opportunities for meetings are subject to IDOT staff availability.
- The firm/vendor must provide an agenda for the meeting, once scheduled, at least two (2) working days prior to the meeting date.
- The firm/vendor must take notes at all such meetings.
- No such meetings will take place less than two weeks before a Selection Committee Meeting or a scheduled Letting.
- Discussions are limited to:
  - Firm/vendor personnel
  - Firm/vendor past experience
  - Work done for other governmental entities
  - Goods and Services offered by the firm/vendor
  - Technology
- **THERE IS TO BE NO PROCUREMENT DISCUSSION, PERIOD, IN THESE MEETINGS.**
  - If such discussions occur, IDOT will collect meeting notes from the firm/vendor – augment them as necessary – and post them on the web.
  - In such cases, the individuals and firm/vendor involved may be barred from meeting with any IDOT staff for one (1) year.

By: _____ _____
Signature Date

_____ _____
Please Print Name Title

_____
Please Print Firm/Vendor Name

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

Effective 11-1-11

All projects will be in English units unless otherwise specified in the advertisement.

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:

<u>For Prime Agreements is:</u>
(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

<u>For Sub-Consultants</u>
(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
Performance Policy Change
October 14, 2010

The previous performance policy dated March 9, 2004 has been revised to the following:

Firms will lose prequalification in a category for the following periods, under the following conditions and for the following periods of time:

Final Evaluation	Action	Duration
One "Substandard" in a category*	Suspended from submitting an SOI requiring the evaluated category**	The next two PTB's, or six months from the date of notification whichever is greater***
One "Poor" in a category*	Suspended from submitting an SOI requiring the evaluated category**	The next eight PTB's, or two years from the date of notification whichever is greater***

* This includes subcontract work.

** For example, if the evaluation is in a less complex category, such as "Highway Bridges: Simple," the firm also cannot submit on items requiring more complex similar categories such as "Highway Bridges: Complex." Conversely, if the evaluation is in a more complex category such as "Highway Bridges: Complex." The firm would not necessarily be suspended from submitting in similar simple categories such as "Highway Bridges: Typical."

*** At the end of the term, the firm must request reinstatement to the suspended categories. This will require documentation of efforts and success in correcting the issues which lead to the subject evaluations.

A firm receiving two less than "Satisfactory" final evalutions in a category within five years will:

- Lose prequalification in that category for one year if the second less than "Satisfactory" rating is "Substandard." Reinstatement of the prequalification in that category will require a request for the firm with documentation that the issues which led to the subject evaluations have been rectified, one the term of loss is complete.

- Lose prequalification in that category for five years if the second less than "Satisfactory" rating is "Poor." Reinstatement of prequalification in that category will require a request from the firm with documentation that the issues which led to the subject evaluations have been rectified, one the term of loss is complete.

APPEAL PROCESS

Firms that disagree with a final evaluation have a process with which to appeal, and its steps are as follows:

1. After receipt of the final evaluation, the consultant has 30 days in which to appeal a "Substandard" or "Poor" evaluation. The appeal is submitted in writing to the department entity that managed the contract and prepared the final evaluation (e.g., Regional Engineer, Bureau of Design and Environment, Bureau of Bridges and Structures).

2. The appeal will clearly state the basis for the appeal and any support documentation shall be attached.

3. When the consultant is not satisfied with the results of the appeal to the department entity that prepared the final evaluation, the consultant can request in writing, within 14 days, a review by the Deputy Director of Highways. The consultant shall provide a copy of the appeal to the department entity that managed the contract and the BDE Bureau Chief. The Deputy Director of Highways reviews the documentation file and the evaluation, and meets with the consultant and the department entities involved.

4. If the consultant remains unsatisfied with the results after meeting with the Deputy Director of Highways, the consultant may file a written appeal with the Director of Highways within 14 days of the final action by the Deputy Director of Highways

5. The appeal shall state specifically the basis of the appeal and the reasons why the decision by the Deputy Director of Highways is incorrect. No new issues may be raised.

6. The Director will review all the information submitted with the appeal. The director may request a meeting with the consultant. The consultant will be notified in writing of the Director's decision. The decision of the Director will be final.

Note this appeal process replaces the existing appeals process currently contained in Section 8-4.05(k) of the BDE Manual. It will be formally added to the manual at the earliest opportunity.

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.dot.il.gov/desenv/ptbsubsc.html

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-µm (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

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.

David L. Lippert, P.E.
Engineer of Materials
And Physical Research

Notice
for
Department Manuals, Memorandums, & Rules

The following is available on our website: http://www.dot.il.gov/dobuisns.html

- 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.dot.il.gov/desenv/orderform.html**

NOTICE
DBE FIRMS AND PROJECT GOALS

The firms noted on the List of Pre-qualified Consultants on IDOT's website (www.dot.il.gov/desenv/preqcons.html) 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 (www.dot.il.gov/ucp/ucp.html) 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 o 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.dot.il.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 Division100 W. Randolph, Suite 10-100Chicago, IL 60601or 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 4-24-09

LAKELAND COLLEGE TRAINING COURSES

Lakeland College will be conducting QC/QA Training again this year. Please visit the web-site for further information. Information or schedules can also be obtained by contacting Marlene Browning.

Kathy Willenborg
Lake Land College
5001 Lake Land Blvd.
Mattoon, IL 61938-9336
Phone: (217) 234-5285
Fax: (217) 234-5381 E-Mail: idotqcqa@lakeland.cc.il.us
Internet Homepage: http://www.lakeland.cc.il.us/idotqcqa

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:

http://www.nhi.fhwa.dot.gov/home.asp

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

The National Transit Institute (NTI) Course listing as well as other pertinent information is available at the following address:

http://www.ntionline.com