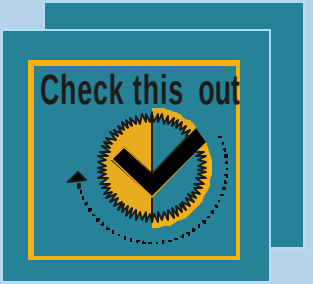
Professional Transportation Bulletin

PTB 156

May 06, 2010
May 07, 2010

Statements of Interest are due before 12:00 p.m.
on May 27, 2010
Selection Date: July 21, 2010



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

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: July 21, 2010

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: Revision date May 07, 2010

Item 55: D-30-001-11 Statewide Structural Engineering Services. The description and requirements for the advertisement has been revised.

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

Tentative Schedule
For
Professional Transportation Bulletins

ACTIVITY	PTB 157	PTB 158	PTB 159	PTB 160	PTB 161	PTB 162
PUBLISH PTB	**08/05/10**	**11/10/10**	**02/03/11**	**05/05/11**	**08/04/11**	**11/10/2011**
***STATEMENTS OF INTEREST ARE DUE	**08/26/10**	**12/02/10**	**02/24/11**	**05/26/11**	**08/25/11**	**12/01/11**
SELECTION MEETING	**10/20/10**	**01/26/11**	**04/20/11**	**07/20/11**	**10/19/11**	**01/25/12**

***** STATEMENTS OF INTEREST FOR PTB 156 MUST BE RECEIVED BETWEEN:**
Publish Date 05-06-10 & 05-27-10 (12:00 P.M. NOON)

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

Required forms for each submittal are available at http://www.dot.il.gov/desenv/deform.html

Review the Guidelines and E-mail procedures in the PTB for submittal requirements. Both are linked in the bookmarks.

We encourage the review of the FREQUENTLY ASKED QUESTIONS, located in the NEW NOTICES and the website: http://www.dot.il.gov/desenv/FAQ.html

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

Bridge CADD Standards / Downloads
CADD Roadway Drafting Reference Guidelines
CADD Standards/Downloads
CADD Roadway and Structure Project Deliverables Policy
Consultant Forms
Consultant Mentor Protégé Program
Consultant Prequalification
Consultants Professional Transportation Bulletins
Facility Cost of Capital Rates
Federal Mileage Reimbursement Rates (for existing contracts with CONUS)
Frequently Asked Questions ***NEW***
Negotiation Information for Current Bulletin
Professional Transportation Bulletin Schedule
Standard Agreement Provisions for Consultants
State Mileage Reimbursement Rates
Uniform Audit and Accounting Guide

- **Region 1**
  - **Diane O'Keefe**
    - **District One**
      - **Items 1 - 23**

- **Region 2**
  - **George Ryan**
    - **District 2**
      - **Items 24-25**
    - **District 3**
      - **Items 26-29**

- **Region 3**
  - **Joseph Crowe**
    - **District 4**
      - **Items 30-32**
    - **District 5**
      - **Item 33**

- **Region 4**
  - **Roger Driskell,**
    - **District 6**
      - **Items 34- 40**
    - **District 7**
      - **Items 41- 44**

- **Region 5**
  - **Mary Lamie**
    - **District 8**
      - **Items 45-52**
    - **District 9**
      - **Items 53-54**

- **Bureau Of Bridges**
  - **Ralph Anderson**
    - **Item 55**

- **Office of Planning & Programming**
  - **Rob Robinson**
    - **Item 56-57**

- **Bureau Materials and Physical Research**
  - **David Lippert**
    - **Item 58**

- **Bureau Design & Environment**
  - **Scott Stitt**
    - **Item 59**

NOTICE

State Board of Elections Certificate

EFFECTIVE May-1-10

The document, Registration with State Board of Elections (BDE 2800), is **NOT** required to be a part of the Statement of Interest submittal.

The State Board of Elections Certificate is now required as part of the firm's Statement of Experience and Financial Condition submittal.

SEFC is located at http://www.dot.il.gov/desenv/preqcons.html

To register with State Board of Elections go to
http://www.elections.state.il.us/Default.aspx

And then to Business Registration:
http://www.elections.state.il.us/BusinessRegistration/Welcome.aspx?Selected=Business%20Registration

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET
May 1, 2010

IDOT is encouraging the use of this check sheet. We continue to receive submittals with errors. With the apparent lack of quality control in the Statement of Interest submittals, we are providing a check sheet for your use. Do not submit this document; it is intended as tool to help in your quality control process. Do not send.

☐ Downloaded and used most current forms http://www.dot.il.gov/desenv/deform.html

Statements of Interest for each item must be submitted as an adobe.pdf and labeled as described in the e-mail instructions. Use your SOI CODE that's provided at the top of your SEFC prequalification sheet. This sheet is provided with your firm's prequalification letter sent out on an annual basis.

IDOT has frequently asked questions for submitting SOI's available in the PTB and at http://www.dot.il.gov/desenv/FAQ.html

☐ Followed the e-mail instructions for submitting
http://www.dot.il.gov/desenv/ptb/ptbemailinstructions.pdf

Statements of Interest for each item must contain the following and be received between the time of Publish Date and the SOI due date, at 12:00 p.m. (Note: Sending before 12:00 p.m. does not guarantee that we receive before noon.)

☐ All requested data in advertisement is included (list specific items requested in advertisement).
Reviewed advertisement and included:

_____

_____

_____

☐ **Exhibit A (BDE XHBT-A)** (required with every SOI)

- ☐ Correct PTB & Item Number (one specific to each PTB/ITEM)
- ☐ City, phone, e-mail provided
- ☐ Signed and dated
- ☐ Key personnel completed (personnel resumes attached)
- ☐ Subconsultant information, Firm name, category of work being performed, and DBE noted (if applicable) (If a DBE goal is listed, the firm(s) the prime will be using to meet this goal are shown at this location).
- ☐ Mentor Protégé information included, Firm Name that is the protégé and the category of work they will be doing.

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET
May 1, 2010

☐ **Exhibit B (BDE XHBT-B)** (when applicable)

☐ The first portion (items 1 to 3) is required when Reconstruction/Major Rehabilitation or New Construction/Major Reconstruction categories in the **Location/Design Study** Work Category are requested in the advertisement.

☐ The second portion **Environmental Work** is to be completed when Environmental Assessment or Environmental Impact Statements categories are requested in the advertisement.

Staffing for disciplines listed below, matches staffing on Prequalified Environmental Staff document sent to your firm from IDOT.

- ☐ Environmental Lead
- ☐ Noise
- ☐ Water Quality
  - Ecology Wetlands & Associated Aquatic Resources
  - Biological Resources (other than Wetlands)
- ☐ Community Impacts
- ☐ Public Involvement
- ☐ Technical Writing

If submitting for one or ten items, each of these documents is required to be submitted as a separate adobe.pdf file for each Professional Transportation Bulletin (one for each PTB)

- Current Obligations (BDE CUR-OB) (Prime)
  - ☐ Firm name
  - ☐ Correct PTB #
  - ☐ Item #'s listed match Items being submitted
  - ☐ Dollar amounts are the most current (if selected on Previous PTB include estimated $'s)
  - ☐ Phase III (construction Inspection work $'s are completed)

- Consultant Offers Disclosure Form A&B (DISC 2)(Prime)
  - ☐ Firm Name
  - ☐ Dated correctly
  - ☐ Signed
  - ☐ Review for any changes before sending Form for Offerors That Have Previously Submitted Form A
  - ☐ Any changes resubmit Form A

CONSULTANT STATEMENTS OF INTEREST CHECK SHEET
May 1, 2010

- Consultant Offers Disclosure Form A&B (DISC 2) Continued(Prime)
  - ☐ Form B completed
  - ☐ Firm Name
  - ☐ Dated correctly
  - ☐ Signed

- Disclosure of Business Operations in Iran (BDE 2900) (Prime)
  - ☐ Correct PTB #
  - ☐ Item #'s listed match Items being submitted
  - ☐ Firm Name
  - ☐ Dated correctly
  - ☐ Signed

- Delinquent Debt Certification (BDE 3000) (Prime & Subconsultants)
  - **(this is one adobe file with the prime and sub, do not submit multiple files)**
  - ☐ Correct PTB #
  - ☐ Item #'s listed match Items being submitted
  - ☐ Firm Name
  - ☐ Dated correctly
  - ☐ Signed
  - ☐ Subconsultants listed are correct and listed items are correct
  - ☐ Subconsultant's delinquent debt included
  - ☐ One Adobe file created that contains prime and subs debt certification

NOTICE

Description and Minimum Requirements for Statement of Experience and Financial Condition Quality Assurance Category

EFFECTIVE 3-1-10

The Quality Assurance category has been revised in the Description and Minimum Requirements. Per the Quality Assurance Note in the Statement of Experience and Financial Condition Questionnaire, "PCC Level III will be required for all Project Managers as of 3/1/2010."

The PCC level III class is required to become prequalified and to remain prequalified in the QA PCC and Aggregate prequalification category.

The Description and Minimum Requirements is available at http://www.dot.il.gov/desenv/preqcons.html

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #156
Publish May 06, 2010

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 to the SOIPTB@dot.il.gov e-mail address.

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 AT THE ABOVE E-MAIL ADDRESS AND IF APPLICABLE, THE APPROPRIATE DISTRICT ENGINEER OR BUREAU CHIEF PRIOR TO 12:00 P.M. LOCAL TIME, May 27, 2010. 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 expressing your interest in various projects and/or correspondence concerning your firm via Overnight/Federal Express mail to members of the Consultant Selection Committee.

Guidelines 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 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 that includes the following:

1) A cover sheet, clearly identifying the PTB Number, Item Number, Firm Name, and IDHR number (if available, see recurring notices). No additional information is required on the cover.

2) A brief statement of the firm's interest in performing the work. (Should be concise to the point, suggest approximately 2 pages)

3) A Table of Contents with page numbers, identifying the approach, exhibits, resumes, etc.

4) Color graphics/photographs should be limited in the submittal because the size limitation on incoming e-mail is 2 MB. Photo's etc. can create a large file so use at your discretion.

5) Complete **Exhibit A** as follows:
   a) List the required key personnel to match required prequalification categories and any additional personnel requirements designated in the project advertisement. (Include firm name if work is to be completed by Subconsultant)
   b) QC/QA personnel must be different individuals than the staffing, which prepared the documents.
   c) Attach resumes of all personnel listed in a) above. Individual resumes should not exceed two pages and must be relevant to the expertise required for the specific project.
   d) 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.
   d) 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.
   e) Include Mentor Protégé data if participating.

6) Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) require completion of **Exhibit B**.

7) 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.

8) In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.

Guidelines for Submitting Statements of Interest (SOI)

9) The Instructions for completing the Current Obligation documents immediately precede the Current Obligation forms. The Current Obligation Forms should be a separate document from the SOI. Only one copy for each prime, sent to the Central Bureau of Design and Environment, is required.

10) Instructions for completing **Forms A** and **B** are included on pages 1and 2 immediately preceding **Forms A** and **B**. Disclosure Forms should be a separate document from the SOI. A cover should be provided with a statement similar to the following: *"The **Form A** disclosures (or Certification Statement) and the **Form B** disclosures are being submitted for PTB # ____, Item(s): ____."* Only one copy for each prime, sent to the Central Bureau of Design and Environment, is required. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.

11) The Delinquent Debt Certification is separate document. Only one document, for prime and subconsultants, with all pertinent data is required. Instructions are included at the bottom of the Delinquent Debt document.

12) The Disclosure of Business Operations in Iran is 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.

13) Exhibit A, Exhibit B, the Current Obligations Form, Disclosure Forms, Delinquent Debt Certification, and Disclosure of Business Operations in Iran are available as word documents on our web site: http://www.dot.il.gov/desenv/deform.html

The following addresses may be used when a hard copy of the SOI is requested to be sent to the Central Office in the advertisement:

Illinois Department of Transportation
Bureau of Design and Environment
Chief of Preliminary Engineering
Attn: Consultant Unit (Room 330)
2300 South Dirksen Parkway
Springfield, Illinois 62764

If SOI is required to be sent to the Region/District, use addresses as follows:

Region 1
Ms. Diane O'Keefe
District 1
201 West Center Court
Schaumburg, IL 60196

Guidelines for Submitting Statements of Interest (SOI)

Regional Engineers Continued:

Region 2

Mr. George Ryan
District 2
819 Depot Avenue
Dixon, IL 61021

Mr. George Ryan
District 3
700 East Norris Drive
P.O. Box 697
Ottawa, IL 61350

Region 3

Mr. Joseph Crowe
District 4
401 Main Street
Peoria, IL 61602

Mr. Joseph Crowe
District 5
Route 133 West
P.O. Box 610
Paris, IL 61944

Region 4

Mr. Roger Driskell
District 6
126 East Ash St.
Springfield, IL 62704

Mr. Roger Driskell
District 7
400 West Wabash
Effingham, IL 62401

Region 5

Ms. Mary Lamie
District 8
1102 Eastport Plaza Drive
Collinsville, IL 62234

Ms. Mary Lamie
District 9
State Transportation Building
P.O. Box 100
Carbondale, IL 62903

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

We require Statements of Interest (SOI) to be submitted through the e-mail system using Adobe Acrobat 5.0 or greater Software.

Electronic submittals should be made to the Central Office only. The Central Office will forward the necessary consultant information to the Regions/Districts and other Bureaus or Divisions. All electronic submittals should be addressed to SOIPTB@dot.il.gov

Each prequalified consultant firm has been assigned a unique 2 to 6 character Firm Name Code that must be used when submitting electronic Statements of Interest. This code appears on the SEFC Prequalification Page, the page that lists the prequalification categories, and is sent with your annual prequalification letter. The code is located at the top of the page and is next to the Firm Name.

It is important your e-mail appear exactly as the attached example described below: (Note: ABC Engineering is used for example purposes only. The Code for this firm is "ABC")

- The Subject Line must read: FIRM NAME, PTB NUMBER, ITEM(S)

  (Example: ABC Engineering, PTB 151, Items 4, 12, & 22) If there will be more than one e-mail please note as follows: e-mail 1 of __ the total number to be sent.)

- The first line of your e-mail should indicate your Firm Name, PTB & Items Number(s) on which your firm is submitting.

  (Example: ABC Engineering has submittals for PTB 151, Items 4, 12 and 22.)

- The second line should list the name, phone number, and e-mail of the person to contact should there be any questions regarding the submittal.

- Each attachment must be labeled as indicated below:

  1. For each Item on which you are submitting use your 2-6 character Firm Name Code, immediately followed by the 2-digit Item Number (i.e., 01 through 99). (Example: ABC04.pdf)

  2. For your firm's Current Obligation Form, use your 2-6 character Firm Name Code, followed by WL.
     (Example: ABCWL.pdf)

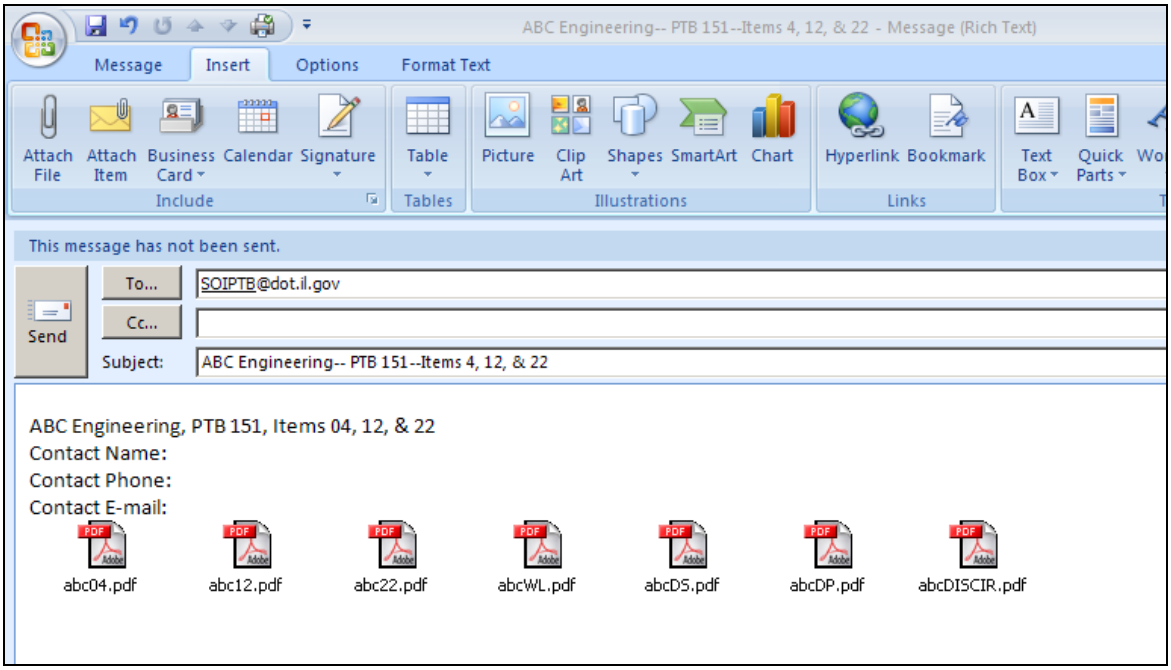
  3. For your firm's Disclosure Forms, use your 2-6 character Firm Name Code, followed by DS.
     (Example: ABCDS.pdf)

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

4. For your firm's Delinquent Debt Payment Certification, use your 2-6 character Firm Name Code, followed by DP.
   (Example: ABCDP.pdf)

5. For your firm's Disclosure of Business Operations in Iran, use your 2-6 character Firm Code, followed by DISCIR.
   (Example: ABCDISCIR.pdf)

Please review the following example e-mail:



Detail Descriptions of Attachments for electronic submittal:

- ABC04, ABC12, and ABC22 are the Statements of Interest for the submitted Items and must include Exhibit A. Following Exhibit A, include resumes of the key management personnel and project staff listed in Exhibit A. If Exhibit B is required, include next, followed by resumes of individuals listed on page 2 of Exhibit B.

- ABCWL is the Current Obligation Form. Requirement: Only Prime submits one copy of the Current Obligation Form. Instructions shown on page one should not be sent.

- ABCDS is the Disclosure Forms. Requirement: Only Prime submits one copy of the Disclosure Form. Disclosure file would consist of Form A and Form B or the Form for Offerors That Have Previously Submitted Form A and Form B. The instructions should not be sent.

E-mail Instructions for Completing Statements of Interest for Electronic Submittal

- ABCDP is the Delinquent Debt Compliance Statement. Requirement: Prime and any known subconsultants the prime will be using are required to submit this form. The forms should be converted to pdf and submitted as one pdf document, not multiple files.

- ABCDISCIR is the Disclosure of Business Operations in Iran. Requirement: Only Prime submits one copy of the form.

Complete the word documents then convert them to the Adobe PDF for submittal. The size limitation on an incoming e-mail to IDOT is **2 MB**. If you exceed this limit, you must separate contents into multiple e-mails. Identify the number of e-mails being sent, (i.e. 1 of 3). Scanned images, color graphics, and photographs, which are converted to Adobe Portable Document Files (PDF) files, can become very large, use sparingly if at all.

Exhibits (A & B), Current Obligations, Disclosure Forms A & B, Delinquent Debt Certification, and Disclosure Business in Iran are available as electronic documents and may be downloaded from our web-site: http://www.dot.il.gov/desenv/deform.html. The bookmarks in the Professional Transportation Bulletin are also linked to the website.

Use the latest documents provided on the web site. The documents are labeled as follows:

- Exhibit A = BDE XHBT-A
- Exhibit B = BDE XHBT-B
- Current Obligations = BDE CUR-OB
- Disclosure Forms (A, B, and Offerors previously submitted) = DISC 2 (consultant)
- Delinquent Debt (Consultants) = BDE 3000
- Disclosure of Business In Iran= BDE 2900

We also have frequently asked questions for submitting Statements of Interest. They are located at http://www.dot.il.gov/desenv/FAQ.html

If you have questions, Please contact Carrie Kowalski at Carrie.Kowalski@illinois.gov.

PROFESSIONAL TRANSPORTATION BULLETIN

REQUIRED FORMS FOR STATEMENT OF INTEREST SUBMITTAL

All required forms are located at: http://www.dot.il.gov/desenv/deform.html

Forms appear on the page as follows:

BDE 2900	Disclosure of Business Operations in Iran	9/14/09
BDE 3000	Delinquent Debt Certification (Consultant)	
BDE CUR-OB	Consultant's Current Obligations for Statements of Interest.	10/01/08
BDE XHBT-A	Consultant Exhibits A	12/22/09
BDE XHBT-B	Consultant Exhibits B	12/01/09
DISC 2 (Consultants)	Disclosure Forms for Consultant Offers Instructions Form A, Financial Information & Potential Conflict of Interest Form B, Other Contract & Procurement Related Information Disclosure	11/07

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Item #	County	Description
Region 1/District 1		
1.	Cook	Phase III Project, US 45 (LaGrange Rd.) under Metra & N&S Railroad from 131st Street to 179th street.
2.	McHenry	Phase III Project, Algonquin By-Pass IL 31 north junction to IL 31 south junction
3.	Various	Phase I Project Management for Various Projects
4.	Cook	Phase III Project, I-55 (Stevenson Expressway) at Central Avenue & Ramps
5.	Cook	Phase I Project, US 12/20 (95th Street) at Stony Island Avenue
6.	Cook	Phase III, I-190 (Kennedy Expressway) at I-294 – Pump Station 24
7.	Cook	Phase I/II Project, I-290 at Des Plaines River, Reconstruction of Pump Station 4
8.	Lake	Phase II Project, US 41 at IL 132, Union Pacific Railroad over IL 132, Bridge Replacement
9.	Various	Phase II Various Projects
10.	Cook	Phase III Project, I-94 (Dan Ryan Expressway) Roosevelt Road at Union Avenue – Pump Station 26 and I-94 (Bishop Ford Expressway) 110th Street at Doty Avenue – Pump Station 27
11.	Cook	Phase II Project, Western Avenue over the Cal-Sag Channel, Bridge Rehabilitation
12.	Various	Phase I Projects, Various Traffic Studies
13.	Cook/ DuPage	Phase II Project, I-55 at County Line Road, Bridge Deck Replacement
14.	Cook	Phase II Project, IL-83 (Torrence Avenue) at Little Calumet River, Bridge Replacement
15.	Various	Phase I Projects for Various Drainage Studies and Hydraulic Reports
16.	Kane	Phase II Project, IL-56 at Galena Boulevard, Bridge Rehabilitation
17.	Cook	Phase II Project, US 12 (Rand Road) at Des Plaines River, Bridge Replacement
18.	DuPage	Phase III Project, IL 19 (Irving Park Road) at York Road

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Item #	County	Description
Region 1/District 1		
19.	Various	Phase I/II Various Electrical Engineering Projects
20.	Cook	Phase II Project, IL 50 (Cicero Avenue) over Cal-Sag Channel, Bridge Rehabilitation
21.	Various	Various Land Survey Projects
22.	Various	Various Land Survey Projects
23.	Various	Various Land Survey Projects
Region 2/District 2		
24.	Various	Various Land and Route Survey Projects
25.	Various	Various Land and Route Survey Projects
Region 2/District 3		
26.	Various	Phase I/II Various Projects
27.	Various	Phase I/II Various Projects
28.	Various	Phase I/II Various Structure Projects
29.	Various	Phase III Various Projects
Region 3/District 4		
30.	Henderson/ Warren	Phase II Project, US 34 from TR 190 to south of Kirkwood
31.	Various	Phase I/II Various Structure Projects
32.	Various	Phase I/II Various Projects
Region 3/District 5		
33.	Various	Phase I/II Various Projects
Region 4/District 6		
34.	Various	Phase I/II Various Projects
35.	Sangamon	Phase II Project, IL 97/125 & IL 97 from west of the intersection with IL 4 (Veterans Parkway) to the IL 97/125 intersection

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Item #	County	Description
Region 4/District 6		
36.	Various	Phase I/II Various Projects
37.	Various	Phase I/II Various Projects
38.	Various	Phase I/II Various Projects
39.	Various	Various Route and Land Survey Projects
40.	Various	Various Land Survey Projects
Region 4/District 7		
41.	Various	Phase III Various Projects
42.	Lawrence/ Richland	Phase I/II Project, US 50 from 3 miles east of IL 1 near Lawrenceville to 2 miles west of IL 130 near Olney
43.	Various	Various LiDAR and Photogrammetry Projects
44.	Various	Various Route and Land Survey Projects
Region 5/District 8		
45.	Various	Phase I/II Various Projects for Deep Well and Pump Station Analysis
46.	Various	Phase I/II Various Projects
47.	Various	Phase I/II Various Projects
48.	Various	Phase I/II Various Geotechnical Projects
49.	Various	Phase III Various Projects and Various Materials QA Testing
50.	Various	Various Utility Coordination Projects
51.	Various	Phase III Various Projects
52.	Various	Phase III Various Projects
Region 5/District 9		
53.	Various	Phase III Various Projects
54.	Various	Phase III Various Projects

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Item #	County	Description
Bureau of Bridges & Structures		
55.	Various	Phase I/II Various Statewide Structural Engineering Projects
Office of Planning and Programming		
56.	Various	Field Collection of Traffic Data in Districts One, Two, and Three
57.	Various	Field Collection of Traffic Data in Districts Four, Six, Seven, Eight, and Nine.
Bureau of Materials and Physical Research		
58.	Various	Specific Gravity Testing Projects
Bureau of Design and Environment		
59.	Various	Various LiDAR and Photogrammetry Projects

1. **Job No. C-91-572-10, US 45 (LaGrange Rd.) under Metra & N&S Railroad, 131st Street to 179th Street, Phase III Project, Cook County, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **August 04, 2010** at **1:00 P.M.** at the Region One/District One Office in **Schaumburg.**

Phase III engineering services are required for construction inspection for the improvement of US 45 (LaGrange Rd.) under Metra & N&S RR, 131st Street to 179th Street. The work includes, but is not limited to the following:

Railroad Bridge Contract: This segment has a length of approximately 5,500 feet along the centerline of track. The one (1) span bridge will be replaced with a two (2) span steel bridge 205 feet in length, which will accommodate two (2) tracks. A cast in place concrete retaining wall 800 feet in length will be constructed to accommodate the grade raise. The track plans will include the grading, sub-ballast, and ballast work. Metra will do the track work, platform work, gate work, and signal work. The project consists of the widening and reconstruction of US 45 between 179th Street to approximately 2200 feet north of 131st. The proposed US 45 roadway cross section would consist of three (3) through lanes in each direction with a continuous landscaped barrier median and curb and gutter on each side of US 45. The through lane widths are 12 feet wide and a 30 foot landscaped barrier median.

Contract 1- 179th Street to 159th Street: This contract has a length of approximately 14,900 feet along US 45 and approximately 4,400 feet of improvements along the side streets. Traffic Signals will be removed and replaced at 4 intersections. Four (4) new retaining walls are required.

Contract 2- 159th Street to 143rd Street: This contract has a length of approximately 9,300 feet along US 45 and approximately 4,000 feet of improvements along the side streets. Traffic Signals will be removed and replaced at 6 intersections. Twenty Six (26) new retaining walls are required.

Contract 3- 143rd Street to 131st Street: This contract has a length of approximately 9,000 feet along US 45 and approximately 2,500 feet of improvements along the side streets. Traffic Signals will be removed and replaced at 3 intersections. Eight (8) new retaining walls are required. All incidental and collateral work necessary to complete the project.

All work for this project will be in English units.

The following Structures may be included:

- S.N. 016-0345 [Existing - Norfolk and Southern Railroad over US 45 north of 142nd St.]
- S.N. 016-6201 [Proposed - Norfolk and Southern Railroad over US 45 north of 142nd St.]

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.

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

The department will furnish the Consultant with Plans and Specifications.

The Consultant's work includes providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

The anticipated construction completion date is October 31, 2012 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 (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator (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 (QA Complete prequalified)
- The Survey Chief.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

2. <u>Job No. C-91-573-10, Algonquin By-Pass IL 31 north junction to IL 31 south junction (Demolition, Grading and Paving), Phase III Project, McHenry County, Region One/District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **August 04, 2010** at **8:30 A.M.** at the Region One/District One Office in **Schaumburg.**

Phase III engineering services are required for construction inspection for the improvement of the Algonquin By-Pass IL 31 north junction to IL 31 south junction (Demolition, Grading and Paving). Work includes, but is not limited to, the removal of approximately eight (8) existing buildings, storm sewer and culvert removal, detention basin and outlet structure, landscaping and restoration. Work also includes grading to prepare for a four lane divided highway. Reconstruction of the existing roadway will provide two lanes in each direction with a barrier median and includes a portion of IL 31 on a new alignment commonly referred to as the Algonquin Western By-Pass. A rigid pavement composition of 9-3/4" Jointed PCC over 4-1/2" Stabilized Sub base with a 12" aggregate sub-grade. New drainage structures and lighting will be provided to accommodate the new alignment. All incidental and collateral work necessary to complete the project is required. All work for this project will be in English units.

The following structures may be included:

- S.N. 056-0077 [Mainline over Crystal Creek]
- S.N. 056-0079 [NB Exit Ramp (Ramp B) over Crystal Creek]
- S.N. 056-0080 [SB Entrance Ramp (Ramp C) over Crystal Creek]
- S.N. 056-0081 (Mainline over Algonquin Road)

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.

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

The department will furnish the Consultant with Plans and Specifications.

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

The anticipated construction completion date is November 15, 2012. 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 (Illinois Licensed Professional Engineer is preferred)
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator (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 (QA Complete prequalified)
- The Survey Chief

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

3. <u>Job No. P-91-598-10, Phase I Project Management, Various Routes, Various Counties, Region One/District One.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 22, 2010** at **1:00 P.M.** at the Region One/District One Office in **Schaumburg.**

A Project Manager (PM) Consultant is required to perform miscellaneous Phase I engineering services. The PM consultant will be assigned to manage and/or assist in the completion of various projects, several of which may be under contract with other consultant engineering firms. In addition, the scope of work may include providing Program Development Training. The PM will be expected to perform work similar to an IDOT Project Manager and Staff. Key staff from the PM Consultant may be expected to work in the District Office several days a week. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 Consultant's work may include:

- Miscellaneous Phase I support;
- Manage the assigned Phase I Consultant(s), including reviews and contract administration;
- Facilitate the resolution of contractual issues, drawing upon necessary resources within IDOT;
- Manage and track project-level cost, schedule and budget requirements, and coordination with program-level and assigned project-level controls personnel;
- Coordinate, validate, and monitor project scope;
- Facilitate and expedite the resolution of technical issues, drawing upon necessary resources and experts in applicable disciplines;
- Identify and implement all necessary coordination and communication within and outside the department; to IDOT and stakeholders as required;
- Hold regular progress meetings and briefings for IDOT including FHWA where details of project and progress are presented;
- All other work as necessary and required to oversee and/or facilitate the completion of the assigned projects for the department.

The department will provide applicable department policies and procedures to the PM Consultant.

The cumulative construction value of these projects is anticipated to exceed $500,000,000. The completion date for this contract will be 36 months after authorization to proceed. The

agreement with the Consultant will include an option for renewal by the department for an additional 36 months.

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

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

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

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

Statements of Interest must also provide a proposed organizational chart for the proposed PM Consultant team, as appropriate, with proposed percentage of time commitment, as well as the approach the firm would take on this project, and a summary of the pertinent experience of the firm managing Phase I highway projects.

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

Location/Design Studies (Reconstruction/Major Rehabilitation)
Environmental Reports (Environmental Assessment)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

4. <u>Job No. C-91-574-10, I-55 (Stevenson Expressway) at Central Avenue & Ramps, Phase III Project, Cook County, Region One/District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **August 04, 2010** at **2:00 P.M.** at the Region One/District One Office in **Schaumburg.**

Phase III engineering services are required for construction inspection for the improvement of I-55 (Stevenson Expressway) at Central Avenue & Ramps. The work includes, but is not limited to, widening and re-decking of the Central Avenue Bridge over I-55 (Stevenson Expressway) to convert a single Point Urban interchange. Work also includes pavement replacement on ramps and Central Avenue roadways adjacent to the structure. Also included are replacement of two traffic signals and installation of new signals, all traffic signal interconnection, and the modification of existing roadway lighting and the installation of new roadway lighting over the structure and lighting under the structure. Construction inspection is required for all incidental and collateral work necessary to complete the project. All work for this project will be in English units.

The following Structures may be included:

- S.N. 016-0724 [Central Avenue over I-55]
- S.N. 016-3240 [Central Avenue over BNSF RR]
- S.N. 016-3241 [Central Avenue over ICC RR]

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.

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

The department will furnish the Consultant with Plans and Specifications.

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

The anticipated construction completion date is October 31, 2011 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 (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator (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 (QA Complete prequalified)
- The Survey Chief.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

5. <u>Job No. P-91-599-10, US 12/20 (95th Street) at Stony Island Avenue, Phase I Project, Cook County, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

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 **July 23, 2010** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services are required for all work associated with the preparation of preliminary engineering and environmental studies for the improvement of 95th Street at Stony Island Avenue. The Consultant's work may include but not be limited to data collection, preparation of base maps and mosaics, geometric studies, accident analysis, capacity analysis including intersection design studies, Categorical Exclusion Project Report, bridge inspections and condition reports, railroad coordination, drainage studies including pump stations, cost estimates, public involvement according to the CSS policy, route survey, and all other related work necessary to complete Phase I studies and tasks. All work for this project will be in English units.

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

The estimated construction cost for this project is expected to be in excess of $100,000,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

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

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

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

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

- The person, who will perform the work in the area of Special Transportation Studies (Railway Engineering) (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified. Railway engineering prequalification category may be completed by Sub and/or Prime.

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

Location/Design Studies (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 at the following address: SOIPTB@dot.il.gov.

6. <u>Job No. C-91-366-10, I-190 (Kennedy Expressway) at I-294 – Pump Station 24, Phase III Project, Cook County, Region One/District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **August 04, 2010** at **10:30 A.M.** at the Region One/District One Office in **Schaumburg.**

Phase III engineering services are required for construction inspection for the improvement of I-190 at I-294 – Pump Station 24. This improvement includes, but is not limited to, the mechanical, electrical, architectural, and structural construction of a new IDOT Pump Station No. 24 together with site improvements. The site improvements include the retaining wall associated with and adjacent expressway ramp and an exterior electrical transformer area, requiring, but not limited to, excavation, retaining wall, steel railings, reinforced concrete pavement, chain link fences and gates, bollards, storm sewers, sidewalks, transformer platform, concrete curbs and gutters, HMA shoulders, concrete encased conduits, relocation of a HAR antenna and landscaping work and all incidental and collateral work necessary to complete the project.

The reconstruction of the IDOT Pump Station No. 24 building and equipment includes, but is not limited to, demolition and material removal, concrete work, structural steel, reinforcement bars, glass block and masonry work, doors and frame, metal works, single ply roofing, sheet metal work, and painting as specified herein. Further, the improvement shall include mechanical work consisting of removal of existing pumps including motors, fabricated metal, bowls, and impellers and heating and ventilating equipment, piping for recirculation system and electrical distribution, control, instrumentation, intrusion, lighting, equipment, conduit and wiring, all in the existing pump station and electrical work including a new electric service to the facility, incorporating new exterior transformers, and modification of the existing Supervisory and Data Acquisition (SCADA) System. All work for this project will be in English units.

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.

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

The department will furnish the Consultant with Plans and Specifications.

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 an Assistant

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

The anticipated construction completion date is October 01, 2012. 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 Assistant Engineer. (The Assistant Engineer will also do the documentation on the project and must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)

- The Materials Coordinator (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 (QA Complete prequalified)

- The Survey Chief.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

7. <u>Job No. D-91-454-00, I-290 at Des Plaines River, Reconstruction of Pump Station 4, Phase I/II Project, Cook County, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **July 28, 2010** at **11:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I and/or II engineering services are required for the preparation of a Pump Station Report and preliminary submittals to Central Office and FHWA, and complete preparation of PS&E and bid documents for the demolition of an existing and construction of a new Illinois Department of Transportation Pumping Station No. 4 (I-290 at Des Plaines River, Forest Park Illinois). All work for this project will be in English units.

The following structure, S.N. 016-P04, is included in this project.

The department will furnish the Consultant with plans for existing storm water pumping station.

The Consultant's work includes pump station hydraulic report and pump station plans, specifications and estimate. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

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

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

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

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

Special Plans (Pumping Stations)
Hydraulic Reports (Pump Stations)
Special Services (Electrical Engineering)
Special Services (Mechanical Engineering)
Special Services (Architecture)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

8. <u>Job No. D-91-603-10, FAP 346 (US 41 @ IL 132) Union Pacific Railroad over IL 132, Bridge Replacement, Phase II, Lake County, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **July 29, 2010** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of contract plans, specifications an estimates including Structure Type, Size, and Location (TSL), and structure and roadway plans for the improvement to the existing structure carrying the Union Pacific Railroad over IL 132. The Consultant is expected to prepare plans for the bridge replacement and retaining wall. Also anticipated are the plans for the widening and reconstruction of IL 132 to accommodate right and left turn lane channelization at the interchange, traffic signal design, and lighting modifications, and all other required work to complete the project. All work for this project will be in English units.

The following structure, S.N. 049-0106 (existing) Union Pacific Railroad over IL 132 is included in this project.

The department will furnish the Consultant with the Project Report, available microfilm plans and other existing data available.

The estimated construction cost for this project is $13,500,000. The Consultant's work includes preparation of TSL, surveys and all other works required to complete the improvement of US 41 at IL 132 interchange. The completion date for this contract will be 12 months after authorization to proceed.

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

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

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

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

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

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

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

Highways (Roads & Streets)
Structures (Railroad)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

9. <u>Job No. D-91-575-10, Various Phase II Projects, for Plan Preparation, Plan Review and Surveying, Various Routes, Various Counties, Region One, District One.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 23, 2010** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase II engineering services are required for plan preparation, plan review, and route surveying on various projects in District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

Work orders may include contract plan preparation for various projects involving roadway and/or bridge improvements, preparation of miscellaneous plan and structure details, review of plans by Consultants and local agency Consultants for roadway and bridge reconstruction projects, obtaining pavement composition cores for resurfacing projects and providing supplemental field and bridge deck surveying for various projects.

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

The estimated construction cost of these projects may range from $200,000 to $2,000,000. The Consultant's work includes contract plan preparation, plan review, and route surveying for various projects. The completion date for this contract will be 12 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 12 months.

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 be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Surveyor).

- 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)
Special Services (Route Surveys)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

10. <u>Job No. C-91-363-10, I-94 (Dan Ryan Expressway) Roosevelt Road at Union Avenue – Pump Station 26 I-94 (Bishop Ford Expressway) & 110th Street at Doty Avenue – Pump Station 27, Phase III Project, Cook County, Region One/District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **August 04, 2010** at **9:30 A.M.** at the Region One/District One Office in **Schaumburg.**

Phase III engineering services are required for construction inspection for the improvement of I-94 (Dan Ryan Expressway) Roosevelt Road at Union Avenue – Pump Station 26 I-94 (Bishop Ford Expressway) and for 110th Street at Doty Avenue – Pump Station 27. All work for this project will be in English units.

This improvement includes the mechanical, electrical, architectural, and structural rehabilitation of IDOT Pump Station No. 26 together with site improvements. The site improvements include, but are not limited to, the construction of a truck parking area and an exterior electrical transformer area, requiring, but not limited to, excavation, retaining wall, steel railings, reinforced concrete pavement, chain link fences and gates, bollards, storm sewers, sidewalks, transformer platform, concrete curbs and gutters, HMA shoulders, concrete encased conduits, relocation of a HAR antenna and landscaping work and all incidental and collateral work necessary to complete the project as shown on the plans. The rehabilitation of the IDOT Pump Station No. 26 building and equipment includes, but is not limited to, partial demolition and material removal, concrete work, structural steel, reinforcement bars, glass block and masonry work, doors and frame, metal works, single ply roofing, sheet metal work, and painting as specified herein. Further, the improvement shall include mechanical work consisting of removal of existing pumps including motors, fabricated metal, bowls, and impellers and heating and ventilating equipment, piping for recirculation system and electrical distribution, control, instrumentation, intrusion, lighting, equipment, conduit and wiring, all in the existing pump station and electrical work including a new electric service to the facility, incorporating new exterior transformers, and modification of the existing Supervisory and Data Acquisition (SCADA) System.

Pump Station 27 improvement shall consist of the rehabilitation of the existing building including but not limited to partial demolition and material removal, concrete work, reinforcement bars, glass block and masonry work, doors and frame, metal works, single ply roofing, sheet metal work, painting and site work. Further, the improvement shall include mechanical work consisting of removal of existing pumps including motors, fabricated metal, bowls, and impellers and heating and ventilating equipment, piping for recirculation system and electrical distribution, control, instrumentation, intrusion, lighting, equipment, conduit and wiring, all in the existing pump station and a new electric service to the facility and modification of the existing Supervisory and Data Acquisition (SCADA) System.

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.

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

The department will furnish the Consultant with Plans and Specifications.

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 an Assistant Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

The anticipated construction completion date is October 01, 2012. 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 Assistant Engineer. (The Assistant Engineer will also do the documentation on the project and must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)

- The Materials Coordinator (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 (QA Complete prequalified)

- The Survey Chief.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

11. <u>Job No. D-91-581-10, FAP 370, Western Avenue over the Cal-Sag Channel, Bridge Rehabilitation, Phase II Project, Cook County, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **August 02, 2010,** at **1:30 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 bridge rehabilitation of Western Ave. over the Cal-Sag Channel in Cook County. The southern approach superstructure is anticpated to require removal and replacement of existing PPC box beams with PPC I-beams (Span 1 through Span 8). The rehabilitations also expected to include an 8-inch reinforced concrete deck, approach slab replacement, removal and replacement of existing lighting, existing utility accomodation, sidewalks in each direction, and substructure repair. Pier 2 through Pier 8 will require bent cap replacement. Formed concrete repair and epoxy crack injection will be required to Abutment 1 for piers, slopewalls, and an adjacent staircase. Pier 9 and Abutment 1 bearing seats will require modification to accommodate the deeper proposed superstructure replacement. Pier 10 will require removal and replacement of loose and corroded metal sidewalk plates. A detour will be utilized as staged construction is not recommended. The final Bridge Condition Report (BCR) will determine the preferred alternative for the structural design. Total length of the improvement is approximately 875 feet. The Consultant is expected to prepare all applicable permits. All work for the project will be in English units.

The following structure, S.N. 016-0777 – Western Avenue over the Cal-Sag Channel is included in this project.

The department will furnish the Consultant with available microfilm plans, project report, hydraulic report, and BCR.

The estimated construction cost for this project is $8,430,000. The Consultant's work includes preparation of contract plans, specifications, cost estimates, and all other work required to complete the project. The completion date for this contract will be 10 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 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.

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 at the following address: SOIPTB@dot.il.gov.

12. <u>Job No. P-91-592-10, Phase I Engineering for Various Traffic Studies, Various Routes, Various Counties, Region One/District One.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2010** at **10:00 A.M**. at the Region One/District One Office in **Schaumburg.**

Phase I engineering services are required for the preparation of traffic engineering studies for various locations throughout District One. Work is anticipated to include collection of all field data such as digital color photos, condition diagrams and manual turning movement (full classification) traffic count data, pedestrian count as requested, relevant crash data and related traffic study correspondence. This effort may also include the retrieval of Illinois Traffic Crash Reports from local enforcement agencies as well as preparation of collision diagrams. Consultant will use ArcGIS 9.3 software to retrieve available crash data from the state records system. In addition, consultant will perform traffic engineering studies such as crash analysis, traffic signal warrants or capacity analysis (using Synchro, HCS and/or Corsim software) or sight distance investigation to determine recommended improvements. Consultant will review intersections and roadway segments, may be required to perform cost estimate and benefit-cost ratio analysis for potential Highway Safety Improvement Program candidate projects. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this work order projects will be in English units.

The department will furnish the Consultant with locations to be reviewed and access to traffic crash data compiled by the Division of Traffic Safety.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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

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

- The person who will assume the duties of the Project Engineer, that individual-in-charge of the day to day work (must be an Illinois Licensed Professional Engineer).

- The person who will assume the duties of Traffic Engineer, that individual-in-charge of the day to day traffic studies work (must be an Illinois Licensed Professional Engineer).

- The person who will perform the QC/QA review work for all milestones submittals (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also provide a proposed organization chart for the proposed PM Consultant team with the proposed percentage of time commitment, as well as the approach the

firm would take on this project, and a summary of the pertinent experience of the firm managing traffic engineering projects.

The prime firm must be prequalified in the **Special Plans (Traffic Studies)** 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 at the following address: SOIPTB@dot.il.gov.

13. <u>Job No. D-91-591-10; I-55 at County Line Road, Bridge Deck Replacement, Phase II Project, Cook/DuPage Counties, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **July 28, 2010** at **8:00 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 estimates including structure plans and roadway plans for the improvement of I-55 at County Line Road Bridge. The anticipated work for the existing 288 feet long 4 span steel plate girder bridge will consist of the rehabilitation of the existing bridge deck. It is expected that the approach slabs will be replaced. The bridge deck replacement will be stage constructed. Structure borings and geotechnical investigation and report are also anticipated to be required. The extent of the structure replacement for the bridge will be established in the approved Bridge Condition Report. Underpass lighting work is also required. Coordination will be required for some limited ornamental features on the bridge structure. All work for this project will be in English units.

The following structure S.N. 016-0587, I-55 at County Line Road, is included in this project.

The Consultant will prepare TS&L plans, structure plans, geotechnical borings, investigation & analyses, supplemental surveys, roadway plans, drainage & utility investigation, maintenance of traffic plan, and other related work to complete Phase II contract plans.

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

The estimated construction cost for this project is $4,400,000. The Consultant's work includes preparation of contract plans, specifications, and estimates. The completion date for this contract will be 12 months after authorization to proceed.

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

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

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

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

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

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

Highways (Roads & Streets)
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 at the following address: SOIPTB@dot.il.gov.

14. <u>Job No. D-91-596-10, IL-83 (Torrence Avenue) at Little Calumet River, Phase II Project, Cook County, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

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

The Consultants who is selected for this project, and all subconsultants the prime Consultant will be using, are scheduled to attend an initial meeting on **August 2, 2010** at **8:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of plans, specifications, and estimates for bridge replacement (S.N. 016-0936) and traffic signal replacement to IL 83 (Torrence Avenue) at the Little Calumet River in Cook County, District One. All work for this project will be in English units.

The Consultant's work includes preparation of contract plans, specifications, and estimates. The Consultant will prepare roadway plans, TS&L plans, structure plans, geotechnical borings, investigation & analyses, supplemental surveys, drainage & utility investigations, maintenance of traffic plans, all applicable permits, and all other necessary related work to complete Phase II contract plans. The Consultant will also review and prepare plans to ensure that all plans are within the framework of the department's policies and procedures, local agency's requirements; and all applicable manuals and schedules.

The department will furnish the Consultant with available microfilm plans, bridge condition report, project report, hydraulics report, bridge condition survey and analysis, and other necessary items.

The current estimated construction cost for this project is $4,400,000. 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 work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

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

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

Highways (Roads & Streets)
Structures (Highway: Simple)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

15. <u>Job No. P-91-590-10, Phase - I Engineering for Various Drainage Studies and Hydraulic Reports, Various Routes, Various Counties, Region One/District One.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method for compensation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2010** 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 the District requirements. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

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

The Consultant's work is expected to include 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 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/supervise the work in the area of drainage calculations and preparation of the Drainage Reports and Hydraulic Reports (must be an Illinois Licensed Professional Engineer with a minimum of five (5) years experience dealing with highway related drainage problems).

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

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

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

Special Studies (Location Drainage)
Hydraulic Reports (Waterways: Complex)
Hydraulic Reports (Pump Stations)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

16. <u>Job No. D-91-589-10, FAP 573 (IL 56) at Galena Boulevard (FAU 1521), Bridge Rehabilitation, Phase II, Kane County, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **July 28, 2010** at **1:30 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 estimates for the improvement to the existing bridge structure carrying Galena Boulevard over IL 56. The proposed improvement is expected to consist of replacement of deck slab including parapets, concrete median and approach slabs. It is anticipated that the steel will remain and the bridge will be raised approximately 4" by jacking up the bridge to maintain a minimum vertical clearance requirement. All work for this project will be in English units.

The following structure S.N. 045-0037(existing), IL 56 at Galena Boulevard, is included in this project.

The department will furnish the Consultant with the Project Report, Bridge Condition Report, available microfilm plans and other applicable available data.

The estimated construction cost for this project is $3,800,000. The Consultant's work includes preparation of TSL, supplemental survey, geotechnical studies, and all other works required to complete the improvement of IL 56 at Galena Boulevard Bridge. The completion date for this contract will be 9 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 person who will be in charge of route surveys (must be an Illinois Licensed Land Surveyor). Route Survey prequalification category requirement may be completed by Sub and/or Prime.

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

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 at the following address: SOIPTB@dot.il.gov.

17. <u>Job No. D-91-182-10, US 12 (Rand Road) at Des Plaines River, Phase II Project, Cook County, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 20% DBE participation.

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

The Consultants who is selected for this project, and all sub-consultants the prime Consultant will be using, are scheduled to attend an initial meeting on **August 2, 2010** 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 estimates for bridge replacement (S.N. 016-0362) and traffic signal replacement to US 12 (Rand Road) at the Des Plaines River. All work for this project will be in English units.

The Consultant's work includes preparation of contract plans, specifications, and estimates. The Consultant is expected to prepare roadway plans, TS&L plans, structure plans, geotechnical borings, investigation and analyses, supplemental surveys, drainage & utility investigation, maintenance of traffic plans, all applicable permits, and all other necessary related work to complete Phase II contract plans.

A potential raise in roadway profile to accommodate hydraulics and freeboard clearances and temporary signal is anticipated as part of the required staged construction.

The department will furnish the Consultant with available microfilm plans, bridge condition report, project report, hydraulics report, bridge condition survey and analysis, and other applicable and available items.

The current estimated construction cost for this project is $3,750,000. 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 work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

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

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

Highways (Roads & Streets)
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 at the following address: SOIPTB@dot.il.gov.

18. <u>Job No. C-91-667-10, IL 19 (Irving Park Road) at York Road, Phase III Project, DuPage County, Region One/District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **August 03, 2010** at **10:00 A.M.** at the Region One/District One Office in **Schaumburg.**

Phase III engineering services are required for construction inspection for the improvement of IL 19 (Irving Park Road) at York Road. The proposed improvement plan includes, but is not limited to, grade separation of Canadian Pacific Railway at IL 19, pavement reconstruction and widening, improved intersection geometry, additional auxiliary lanes, new drainage system improvements, and signal modernization. The improvement includes lowering Irving Park Road and raising the Canadian Pacific Railroad to provide vertical clearance for the proposed CPRR double track through Plate Girder Bridge over Irving Park Road. The grade separation will significantly increase safety and reduce congestion. Other project components include retaining walls along the raised railroad alignment, culverts to convey the relocated Bensenville Ditch, a 72 inch storm sewer to improve drainage and provide detention, additional turning lanes at the intersection and all incidental and collateral work necessary to complete the project. All work for this project will be in English units.

The following Structures may be included:

- S.N. 022-0226 [Canadian Pacific Railway over Irving Park Road]
- Canadian Pacific Railway Retaining Walls
- Canadian Pacific Railway Culvert
- Irving Park Road Retaining Walls

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.

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

The department will furnish the Consultant with Plans and Specifications.

The Consultant's work includes providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

The anticipated construction completion date is November 30, 2010. 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 (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials Coordinator (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 (QA Complete prequalified)
- The Survey Chief.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

19. <u>Job No. D-91-604-10, Various Electrical Engineering Projects, Various Routes, Various Counties, Region One, District One.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method for compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2010** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I and/or II engineering services are required for various studies and plan preparation for miscellaneous lighting and other electrical projects throughout District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The department will furnish the Consultant with Existing plans where appropriate and available.

The estimated construction cost of these projects may range from $200,000 to $1,000,000. The Consultant's work includes new and/or upgrading and modernizing existing equipment to current IES, NEC, ASHTO, FHWA, FAA and IDOT District One standards. The completion date for this contract will be 36 months after authorization to proceed

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

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

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

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

- Electrical Engineer with applicable experience for transportation projects.

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

Special Plans (Lighting)
Special Services (Electrical Engineering)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

20. <u>Job No. D-91-358-97, FAP 350, IL 50 (Cicero Avenue) over Cal-Sag Channel, Bridge Rehabilitation, Phase II, Cook County, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **July 28, 2010** at **10:00 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 estimates for the improvement to the existing bridge structure carrying IL 50 (Cicero Avenue) over the Cal-Sag Channel. The proposed improvement is expected to consist of deck scarification, deck slab repair, epoxy crack sealing, pavement relief joint reconstruction, removal and replacement of railings, and clean and paint structural steel. The improvement may also provide for the removal and replacement of all corroded superstructure members including gusset plates and lattices on the bottom chords, cantilevered sidewalk floor beams, and gusset plates. It is anticipated that the substructures and approach slabs will have to be repaired. All work for this project will be in English units.

The following structure S.N. 016-0421(existing), IL 50 (Cicero Ave.) over the Cal-Sag Channel is included in this project.

The department will furnish the Consultant with the Project Report, Bridge Condition Report, gusset plate analysis, available microfilm plans, and other existing data available.

The Consultant's work is also expected to include preparation of TSL, supplemental surveys, and all other necessary related work to complete Phase II contract plans.

The estimated construction cost for this project is $1,600,000. The completion date for this contract will be 12 months after authorization to proceed.

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

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

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

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

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and

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

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

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

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 at the following address: SOIPTB@dot.il.gov.

21. Job No. D-91-593-10, Various Land Surveys, Various Routes, Various Counties, Region One / District One

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 26, 2010** 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. All work for this project will be in English units.

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 may also be required. Firms 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 QA/QC review work of all milestone submittal documents must be an Illinois Licensed Land Surveyor.

The prime firm must be prequalified in the **Special Services (Land Surveys)** 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 at the following address: SOIPTB@dot.il.gov.

22. Job No. D-91-594-10, Various Land Surveys, Various Routes, Various Counties, Region One / District One

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 26, 2010** 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. All work for this project will be in English units.

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. Firms 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 QA/QC review work of all milestone submittal documents must be an Illinois Licensed Land Surveyor.

The prime firm must be prequalified in the **Special Services (Land Surveys)** 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 at the following address: SOIPTB@dot.il.gov.

23. <u>Job No. D-91-595-10, Various Land Surveys, Various Routes, Various Counties, Region One / District One</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 27, 2010** 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. All work for this project will be in English units.

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. Firms 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 QA/QC review work of all milestone submittal documents must be an Illinois Licensed Land Surveyor.

The prime firm must be prequalified in the **Special Services (Land Surveys)** 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 at the following address: SOIPTB@dot.il.gov.

24. <u>Job No. P-92-078-10, Various Land and Route Survey Projects, Various Routes, Various Counties, Region Two/District Two.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

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 **July 27, 2010** at **10:30 A.M.** at the Region Two/District Two Office in **Dixon.**

Phase I engineering services are required to furnish various land and route surveys throughout District Two. Work is anticipated to include field office assistance for surveys to establish or re-establish section corners, reference said corners to centerlines, preparation of a cover sheet, Right-of-Way Plats, Easement Plats, Premise Plats, legal descriptions, Monument Record Plats (copies of recorded Monument Record Plats to be furnished by the Consultant), section Corner Plat of Survey, and staking plans for projects of approximately 20 parcels. Work orders under the blanket agreement will be negotiated and authorized by the department on as as-needed basis. All work for this project will be in English units.

In addition, the Consultant selected may perform various route survey functions, including, but not limited to horizontal and vertical control for aerial mapping projects and topographic surveys. The Consultant may be required to contact local land surveyors for their input and may be expected to obtain historic survey reference data.

The department will furnish the Consultant with alignment data, Title Reports, Existing Right-of-Way Plats, and Proposed Right-of-Way requirements when available.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months.

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 or an Illinois Licensed Professional Land Surveyor).

- The person who will perform/supervise the work in the area of route surveying (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).

- The person who will perform/supervise the work in the area of land surveying (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 Engineer or an Illinois Licensed Professional Land Surveyor).

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

Special Services (Land Surveys)
Special Services (Route Surveys)

Statements of Interest, including resumes of key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

25. <u>Job No. P-92-079-10, Various Land and Route Survey Projects, Various Routes, Various Counties, Region Two/District Two.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

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 **July 28, 2010** at **10:30 A.M.** at the Region Two/District Two Office in **Dixon.**

Phase I engineering services are required to furnish various land and route surveys throughout District Two. Work is anticipated to include field office assistance for surveys to establish or re-establish section corners, reference said corners to centerlines, preparation of a cover sheet, Right-of-Way Plats, Easement Plats, Premise Plats, legal descriptions, Monument Record Plats (copies of recorded Monument Record Plats to be furnished by the Consultant), section Corner Plat of Survey, and staking plans for projects of approximately 20 parcels. Work orders under the blanket agreement will be negotiated and authorized by the department on as as-needed basis. All work for this project will be in English units.

In addition, the Consultant selected may perform various route survey functions, including, but not limited to horizontal and vertical control for aerial mapping projects and topographic surveys. The Consultant may be required to contact local land surveyors for their input and may be expected to obtain historic survey reference data.

The department will furnish the Consultant with alignment data, Title Reports, Existing Right-of-Way Plats, and Proposed Right-of-Way requirements when available.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months.

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 or an Illinois Licensed Professional Land Surveyor).

- The person who will perform/supervise the work in the area of route surveying (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).

- The person who will perform/supervise the work in the area of land surveying (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 Engineer or an Illinois Licensed Professional Land Surveyor).

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

Special Services (Land Surveys)
Special Services (Route Surveys)

Statements of Interest, including resumes of key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

26. <u>Job No. P-93-027-10, Phase I and/or II Work for Various Projects, Various Routes, Various Counties, Region Two/District Three.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 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 a negotiation meeting on **July 22, 2010** at **10:00 A.M.** in the Region Two/District Three Office in **Ottawa.**

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

The Phase I work, if required, may consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analysis, geometric studies, environmental studies, preparing Project Reports, and preparing and/or reviewing geotechnical reports including soils, pavement, and foundation recommendations. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, preparing and/or reviewing hydraulic reports, type, size and location drawings, and other related work and exhibits necessary to produce the Project Reports. Traffic studies and Value Engineering may also be required.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of type, size and location drawings, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates as necessary. The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing and/or new roadway projects.

The department will furnish the Consultant with any 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.

It is anticipated this contract will include approximately 10 to 15 different projects with estimated construction costs ranging up to $10,000,000. The engineering services required may consist of only a portion of the total engineering work on a certain project.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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

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

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

- The person who will perform the work in the area of Drainage plan/reports preparation 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/Design Studies (Rehabilitation)
Highways (Road & Streets)
Structures (Highway: Typical)
Special Studies (Location Drainage)

Statements of Interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov

27. Job No. P-93-028-10, Phase I and/or II Work for Various Projects, Various Routes, Various Counties, Region Two/District Three.

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 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 a negotiation meeting on **July 22, 2010 at 1:00 P.M.** in the Region Two/District Three Office in **Ottawa.**

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

The Phase I work, if required, may consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analysis, geometric studies, environmental studies, preparing Project Reports, and preparing and/or reviewing geotechnical reports including soils, pavement and foundation recommendations. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, preparing and/or reviewing hydraulic reports, type, size and location drawings, and other related work and exhibits necessary to produce the Project Reports. Traffic studies and Value Engineering may also be required.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of type, size and location drawings, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates as necessary. The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing and/or new roadway projects.

The department will furnish the Consultant with any 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.

It is anticipated this contract will include approximately ten (10) to fifteen (15) different projects with estimated construction costs ranging up to $10,000,000. The engineering services required may consist of only a portion of the total engineering work on a certain project.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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

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

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

- The person who will perform the work in the area of Drainage plan/reports preparation 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/Design Studies (Rehabilitation)
Highways (Road & Streets)
Structures (Highway: Typical)
Special Studies (Location Drainage)

Statements of Interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov

28. <u>Job No. D-93-057-10, Phase I/II Various Structure Projects, Various Routes, Various Counties, Region Two/District Three.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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 **July 23, 2010** at **10:00 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase I and/or II engineering services are anticipated for the preparation of contract plans, special provisions and estimates for structures throughout District Three. Work orders under the blanket agreement will be negotiated and authorized on an as needed basis. All work for this contract will be in English units.

Phase I and II engineering services are anticipated to include preparing Bridge Condition and Hydraulic Reports, conducting route surveys (including full hydraulic surveys), type, size and location (TS&L) drawings and bridge repair plans. The work required may also include performing drainage studies, preparing bridge & roadway plans, preparing traffic control plans, special provisions, cost estimates, and any other work necessary to complete final contract plans and documents.

It is anticipated this contract will include approximately 6 different projects with estimated construction costs ranging up to $2,000,000. The engineering services required may consist of only a portion of the total engineering work on any certain project.

The department will furnish the Consultant with any available plans, approved Phase I reports, field notes, traffic data, accident statistics, agency coordination, existing right of way plans, aerial photographs, boring logs, existing Bridge Condition & Hydraulic Reports, structure ratings and other information.

The completion date for this contact will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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 contract documents (must be an Illinois Licensed professional Engineer).

- The person who will perform/supervise the work in the area of hydraulic analysis and the preparation of the Hydraulic Reports (must be an Illinois Licensed Professional Engineer).

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

- The person who will perform the QC/QA review of all milestone submittals (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work).

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

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

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 at the following address: SOIPTB@dot.il.gov.

29. <u>Job No. C-93-138-10, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Three</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 10% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 23, 2010** at **10:00 A.M.** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for the inspection, supervision, construction layout, material testing, and field inspection for roadway rehabilitation throughout District 3. The various types of jobs are anticipated to consist of route and seal, patching, traffic signals, landscaping, milling and resurfacing, bridge repair and replacement, concrete pavement, and pavement marking. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this contract will be in English units.

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

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

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

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option to renew by the department for an additional 24 months.

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

- The Assistant Resident Engineer (with current IDOT Construction Documentation certificate.) Also must be certified to perform the Nuclear Density Testing (include nuclear license); and QC/QA Level I HMA and PCC testing and ICORS training.

- The Inspectors certified to perform the Nuclear Density Testing (include nuclear license); and QC/QA Level I HMA and PCC testing and ICORS training.

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 at the following address: SOIPTB@dot.il.gov.

30. <u>Job No. D-94-006-10, US 34 (FAP 313), from TR 190 to south of Kirkwood, Phase II Project, Henderson and Warren Counties, Region Three/District Four.</u>

This contract will use the **Cost Plus Fixed Fee (CPFF)** method of compensation.

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 a scope of services meeting on **July 23, 2010** at **9:00 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase II engineering services are required for the preparation of contract plans, specifications, and estimates for the complete reconstruction of approximately 4.50 miles of US 34 from just east of Biggsville in Henderson county to just south of Kirkwood in Warren County. The work will consist of the plan development for a new four lane expressway designed on new alignment immediately adjacent to the existing roadway. The existing cross section generally consists of a two lane pavement with intersecting at-grade side roads and open ditch drainage. The proposed typical section will consist of replacing the existing pavement on new alignment with a new two lanes in each direction configuration and earth median separation with at-grade intersecting side roads and open ditch drainage. All work will be in English units.

The Phase II work required includes route surveys (pick-up), land surveys, highway drainage design, roadway plans, traffic staging plans, temporary and permanent erosion control plans, highway signing, cost estimates, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates.

The department will furnish the consultant with available field survey notes, as-built construction plans, existing right-of-way plans, soil boring logs, electronic DTM files and other pertinent electronic files developed in Phase I, Geotechnical Report, and Design and Location Drainage Study Reports.

The estimated construction cost for this project is $40,500,000. The completion date for this project will be 24 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 a Project Engineer who will be directly involved and responsible in the development of contract documents (must be an Illinois Licensed Professional Engineer).

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

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

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

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

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

Highways (Freeways)
Structures (Highway: Typical)

Statements of interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following web address: SOIPTB@dot.il.gov.

31. <u>Job No. D-94-053-10, Phase I/II Various Structure Projects, Various Counties, Region Three/District Four.</u>

This contract will use the **Direct Labor Multiple (DLM)** method of compensation.

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 **July 28, 2010** at **9:00 A.M.** at the **District Four Office** in **Peoria**.

Phase I and II engineering services are required for the preparation of Project Reports (anticipated to be Categorical Exclusions) and contract plans for structures throughout District Four. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for these projects will be in English units.

The Consultant's work is anticipated to include preparing the Bridge Condition and Hydraulic Reports, Structure Geotechnical Reports, all drilling and analysis of soil borings, conducting route and land surveys (including a full hydraulic survey), performing simple environmental assessments, preparing a Structure Report, and preparing Type, Size and Location (TS&L) drawings for the replacement structure. This work may include data collection, cost estimates, traffic management analysis, accident analysis, inspection of existing structures to determine staging possibilities, and other related work and exhibits to produce the Project Reports, as necessary. The Consultant is expected to obtain survey data to prepare plats and legal descriptions for additional right-of-way, if required. The work is anticipated to include performing drainage studies, preparing bridge and roadway plans, preparing traffic control plans and any other work necessary to complete final contract plans and documents.

The department will furnish the Consultant with any available plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, structure ratings, and other available information.

The Consultant will perform the hydraulic calculations for Hydraulic Reports using one or both of the computer programs, WSPRO or HEC-RAS, in conjunction with the Illinois Stream Stats program as directed by the Regional Engineer's memorandum, dated June 5, 2008.

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

- The person who will perform/supervise the work in the area of hydraulic analysis and the preparation of the Hydraulic Reports (must be an Illinois Licensed Professional Engineer). Hydraulic Reports Typical prequalification category requirement may be completed by Sub and/or Prime.
- The person who will perform/supervise the work in the area of structural engineering (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 geotechnical analysis and the preparation of the Structure Geotechnical Report (must be an Illinois Licensed Professional Engineer). Geotechnical Services (General Geotechnical Services & Structure Geotechnical Report) prequalification categories requirement may be completed by Sub and/or Prime.
- The person who will perform the QC/QA review of all milestone submittal documents (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and/or an Illinois Licensed Structural Engineer for structural work).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor). Route Survey prequalification category requirement may be completed by Sub and/or Prime.
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by Sub and/or Prime.

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

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

32. Job No. P-94-026-10, Phase I and/or II Various Projects, Various Routes, Various Counties, Region Three/District Four

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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 Scope of Services meeting on **July 26, 2010** at **10:00 A.M.** at the Region Three, District Four Office, in **Peoria**.

Phase I/II engineering services are required for land and route surveying projects that will be used as base data for plan preparation, hydrologic modeling projects, engineering location studies, and roadway mapping for various design and land acquisition projects throughout District Four. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will provide any existing plans, right-of-way documents, or other pertinent data required for the completion of individual projects.

The Consultants work may include providing the following services:

- Project Control Surveys – The Consultant may be required to provide horizontal and vertical control points and data to facilitate the design and construction of Department projects.

- Topographic Mapping - The Consultant may be requested to prepare topographic mapping using CADD technology, including base maps, terrain mapping, and hydraulic mapping. The mapping shall be prepared as per the latest version of the Departments manual titled "CADD Roadway Drafting Reference Guide".

- Land Acquisition Surveys - The Consultant may be requested to produce position data, conveyance and monument records, research of land ownership documents, and other related tasks.

Performance Standards:

- The horizontal positions shall be based upon the North American Datum Plane of 1983/2007 (NAD83/07) adjustment as referenced to the Illinois State Plane Coordinate System, West Zone, or as specified by the District Chief of Surveys. Units of measurement shall be in United States Survey Feet.

- The vertical elevation data shall be referenced to the North American Vertical Datum of 1988 (NAVD88) adjustment, or as specified by the District Chief of Surveys. Units of measurement shall also be in United States Survey Feet.

- All Land Survey projects shall be referenced to the Public Land Survey System (PLSS).

- All deliverables shall be prepared using IDOT Microstation seed files and point coding specifications. Also, as stated in the Standard Agreement Provisions and the Policy for Computer-Aided Drafting: Electronic Data Transfer Standards, all projects shall be done using Microstation TM software as well as Geopak TM software.

The completion date for this contract will be 36 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be a Licensed Professional Land Surveyor in the State of Illinois).

- The person who will perform the QA/QC review work of all milestone submittals (must be a Licensed Professional Land Surveyor in the State of Illinois).

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

- The person who will be in charge of Route Surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).

Statements of Interest must also contain a description of similar projects completed by the Consultant within the last five (5) years. Provide contact information for the person/entity that the work was completed for. The department reserves the right to contact any of the named persons/entities to determine the performance on the listed project(s).

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

Special Services (Land Surveying)
Special Services (Route Surveying)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

33. <u>Job No. P-95-044-10/D-95-044-10, Phase I/II Various Projects, Various Routes, Various Counties, Region 3/District Five.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

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 **July 22, 2010** at **10:30 A.M.** at the Region 3/District Five Office in **Paris**.

Phase I and/or II engineering services are required for work on various projects in District Five. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant's Phase I work, if required, may consist of conducting hydraulic and route surveys, subsurface utility engineering, preparing Structure Geotechnical Reports, drilling and analysis of soil borings, hydraulic analysis, geometric studies, and preparing project reports (Categorical Exclusion reports only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, traffic management plans, accident analysis, quantity computations, and other related work items required to produce a project report.

The Consultant's Phase II work, if required, may consist of conducting route surveys, land surveys, right of way plat and plan preparation, writing legal descriptions, staking right of way, hydraulic analysis, geometric studies, roadway plans, TS&L drawings, pre-final structure plans, final structure plans and any other related work required to complete final plans, special provisions, and estimates as necessary.

The department will furnish the Consultant with traffic data, bridge condition reports, hydraulic reports, existing plans, utility coordination, survey data, Microstation files, Geopak files, boring logs, and accident data when available.

It is anticipated that this contract will include approximately 4 to 10 different projects. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The estimated construction cost for these projects may range from approximately $10,000 to $5,000,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

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

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

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

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

34. <u>Job No. D-96-023-10, Various Phase I/II Projects, Various Routes, Various Counties, Region Four, District Six</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **July 27, 2010,** at **1:30 P.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. Some projects may include, but not limited to, completing plan preparation for bridge replacement carrying IL 54 over Wolf Creek in Sangamon County and possibly multiple structures on US 24 in Adams 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 $5,000,000. It is anticipated that this contract will include approximately 5 to 20 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 24 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 land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by Sub and/or Prime.

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

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

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

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

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

35. Job No. D-96-501-95; FAP 67 (IL 97/125) & FAP 34 (IL 97) from west of the intersection with IL 4 (Veterans Parkway) to the IL 97/125 intersection; Phase II Project, Sangamon County, Region Four, District Six

This project will utilize **Cost Plus Fixed Fee (CPFF)** method compensation.

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 Scope of Services meeting on **July 29, 2010** at **1:30 P.M.** in the Region Four, District Six Office in **Springfield.**

Phase II engineering services are required for the four-lane expressway improvement of IL 97 from west of the intersection with IL 4 (Veterans Parkway) to the IL 97/125 intersection. Two separate contracts have been previously prepared in metric to the pre-final stage. Contract 1 is from west of IL 4 to Old Covered Bridge Lane and Contract 2 is from Old Covered Bridge Lane to the IL 97/125 intersection. The overall project length is approximately 6 miles. The Phase II work will is expected to include converting the existing plans to English units and preparing final contract plans for both sections. The work will is also expected to include a review of the proposals as developed previously. The existing hydraulic analysis is anticipated to be reevaluated. Redesign of the dual structures at Prairie Creek and the pedestrian bridge are expected. All work for this project will be done in English units.

The Phase II work may include route surveys (pick-up), hydraulic studies, cost estimates, utility coordination, geometric studies, structure plans, roadway plans, necessary right-of-way documents, and any other work to complete final plans, specifications, and estimates for the construction contracts associated with the proposed four-lane expressway.

The department will furnish the Consultant with the two metric proposed contract plans, all available field surveys, aerial photography and mapping, existing construction plans, traffic data, soil borings, geotechnical report, pavement design, and the approved combined design report.

The estimated construction cost for the two sections combined is $55,000,000. The completion date for this project 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 aspects of the word 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 land surveys (must be an Illinois Licensed Land Surveyor). Land Survey 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 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)
Structure (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 at the following address: SOIPTB@dot.il.gov.

36. <u>Job No. D-96-021-10; Various Phase I/II Projects, Various Routes, Various Counties, Region Four, District Six</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **July 23, 2010,** at **1:30 P.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 a project report for I-72 resurfacing project in Sangamon County from Morgan County Line to Old Chatham Road in Springfield (which will additionally include analyzing existing structure needs); and completing plan preparation for I-72 resurfacing project in Sangamon County, from 1.1 mile east of CH 34 (east of Lanesville) to Macon County Line, (which includes bridge repairs to TR 546 overhead and new bridge decks for dual bridges carrying I-72 over Long Point Slough).

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

The estimated construction costs of each project may range from $100,000 to $5,000,000. It is anticipated that this contract will include approximately 5 to 20 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 24 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 land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by Sub and/or Prime.

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

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

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

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

Highways (Freeways)
Structures (Highway: Typical)
Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

37. <u>Job No. D-96-022-10; Various Phase I/II Projects, Various Routes, Various Counties, Region Four, District Six</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **July 23, 2010,** 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.

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

The estimated construction costs of each project may range from $100,000 to $3,500,000. It is anticipated that this contract will include approximately 3 to 15 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 24 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 land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by Sub and/or Prime.

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

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

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

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

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

38. <u>Job No. D-96-024-10; Various Phase I/II for Projects, Various Routes, Various Counties, Region Four, District Six</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **July 27, 2010,** 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.

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

The estimated construction costs of each project may range from $100,000 to $3,500,000. It is anticipated that this contract will include approximately 3 to 15 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 24 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 land surveys (must be an Illinois Licensed Land Surveyor). Land Survey prequalification category requirement may be completed by Sub and/or Prime.

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

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

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

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

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov

39. <u>Job No. D-96-020-10, Various Surveys Projects, Various Routes, Various Counties, Region Four/District 6</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 2010** at **1:00 P.M.** in the Region Four/District 6 Office in **Springfield**.

Phase II engineering services are required for miscellaneous surveys throughout District 6. It is anticipated this contract will include approximately 8 such surveys during Fiscal Year 2011. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English units.

The department will furnish the Consultant with as-built construction plans, direction as to how the surveys will be completed and any other available data.

The Consultant's work may include, but is not limited to, route surveys, bridge and hydraulic surveys, right-of-way staking, soil boring stake outs and land surveys. The completion date for this contract is June 30, 2012.

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 duties of Project Engineer, that individual in charge who is directly involved in the development of the contract document, must be and Illinois Licensed land Surveyor or and Illinois Licensed Professional Engineer.

- The person who will perform the QA/QC review work of all millstone submittals documents must be an Illinois Licensed Land Surveyor or an Illinois Licensed Professional Engineer.

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

Special Services (Route Survey)
Special Services (Land Survey)

Statements of interest, including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

40. Job No. R-96-002-10, Various Survey Projects, Various Routes, Various Counties, Region Four/District 6

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 2010** at **10:00 A.M.** in the Region Four/District 6 Office in **Springfield**.

Engineering services are required for miscellaneous surveys throughout District 6. It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Year 2011. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English units.

The department will furnish the Consultant with any available data.

The Consultant's work may include, but is not limited to, route and land surveys, plat preparations, and right-of-way plan preparation. The department will direct as to how the surveys and plats will be completed. The completion date for this contract will be June 30, 2012.

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 QA/QC review work of all millstone submittals documents must be an Illinois Licensed Land Surveyor.

The prime firm must be prequalified in the **Special Services (Land 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 at the following address: SOIPTB@dot.il.gov.

41. <u>Job No. C-97-128-10, Various Construction Inspection Projects, Various Routes, Various Counties, Region Four/District Seven.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 14% 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 **July 28, 2010** at **1:30 P.M.** at the Region Four, District Seven Office in **Effingham.**

Phase III engineering services are required to provide construction inspection services for construction projects throughout District 7. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric Units.

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

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

The department will furnish the construction plans and specifications.

The Consultant's work includes providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project. The Consultant may also be asked to furnish a documentation technician(s) and laptop computer(s) equal to the latest type used by District 7. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer(s).

This contract is scheduled for the 2010, 2011, and 2012 construction seasons. The completion date for this contract will be 36 months after authorization to proceed.

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

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- Construction and Materials inspectors

- Personnel conducting material tests must have the specific type and level of training necessary as outlined in the department's "Project Procedures Guide"

- Personnel on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities.)

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

42. <u>Job No. P-97-003-10, FAP 327 (US 50), from 3 miles east of IL 1 near Lawrenceville to 2 miles west of IL 130 near Olney, Lawrence and Richland Counties, Region Four/District Seven</u>

This project will utilize **Cost Plus Fixed Fee (CPFF)** method of compensation.

This project requires 14% 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 **July 26, 2010** at **9:00 A.M.** at the Region Four/District Seven Office in **Effingham**.

Phase I and II services are required to perform all work associated with a Location/Design Report and an Environmental Assessment to upgrade US 50 to an expressway design from 3 miles east of IL 1 near Lawrenceville to 2 miles west of IL 130 near Olney. In addition, Phase II engineering services are required to complete contract plans, specifications and estimate documents for the first constructible section of US 50 as determined by the Location/Design report. All work for this project will be in English units.

The Consultant's work includes data collection, survey, preparation of base maps and mosaics, location studies, alternate alignment studies, interchange/intersection design studies, location drainage studies, hydraulic studies, TS&L, noise and air quality analyses, cost estimates, traffic management analyses, Environmental Assessment, Design Report and all other work necessary to complete the Phase I study and the Phase II contract plans and documents.

This project includes extensive public involvement utilizing Context Sensitive Solutions techniques. Public Involvement will include, but not limited to, holding meetings and public hearings, preparation of exhibits for these meetings and hearings, and evaluation and incorporation of comments from these meetings into the project. The Consultant will also be required to coordinate and conduct meetings with a variety of groups designed to generate input from local representation regarding the concerns and needs of the region. The Consultant will be responsible for involving the local representation, maintaining their involvement, evaluating, and incorporating their constructive input throughout the entire project.

The department will furnish the Consultant with a Feasibility Study completed in 2007, existing microfilm plans as available, traffic data, accident data, existing right-of-way information, and an aerial survey. The department will also provide the biological survey, wetland delineation, cultural resource survey, threatened and endangered species survey, and the special waste location reconnaissance survey.

The estimated construction cost for this project is $169,500,000. The Consultant's work includes Design Study, Environmental Assessment, and Contract Plans and Documents. The completion date for Phase I will be 30 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. Phase II work must be completed within 24 months after the authorization to proceed with Phase II.

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 the Project Engineer, that individual in charge who is directly involved on 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(s) who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

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

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

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

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

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 at the following address: SOIPTB@dot.il.gov.

43. Job No. P-97-037-10, Various LiDAR and Photogrammetry Projects, Various Routes, Various Counties, Region Four/District Seven.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 6% 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 **July 27, 2010** at **10:00 A.M.** at the Region Four/District Seven Office in **Effingham**.

The main emphasis of the services required is the collection of Light Detection and Ranging (LiDAR) data to support the generation of a high resolution Digital Terrain Model (DTM) that will be used as base data for regional hydrologic modeling projects and for engineering location studies. LIDAR data captured for this project will need to be of high resolution and quality. Aerial Photography and other photogrammetric services may be required on an as needed basis. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant's work includes providing the following services:
Light Detection and Ranging (LIDAR) – The Consultant shall perform the necessary flying and LiDAR acquisition, processing, terrain modeling, and elevation map preparation for the selected area. The consultant will be required to collect Light Detection and Ranging (LIDAR) data to support the generation of a high resolution Digital Terrain Model (DTM) and 2 foot contour mapping that will be used as base data for regional hydrologic modeling projects and for engineering location studies. LIDAR data captured for this project will need to be of high resolution and quality.

Ground Control During Collection - The consultant shall determine points to be occupied and provide GPS observations on the agreed upon control points. Consultant flight crew and IDOT will be in close communication for timing of observations.

QA/QC shots -

- Each county will be divided into areas based on townships.
- Each area (township) will have at least one (1) shot (XYZ and picture) for each of the following categories five (5) categories:
    1. Tall Grass (two (2) locations per area)
    2. Short Grass
    3. Brush (short)
    4. Woods (timber area)
    5. Tall Buildings
- A roadway cross section will be taken at each of the above noted points. The cross section will include a shot at the edge, center and edge of roadway.

The Consultant's work may include providing the following services:

- Terrestrial and Mobile LiDAR – The consultant may be requested to obtain LiDAR data for projects selected by the department using a terrestrial and or mobile LiDAR scanner.

- Photography Acquisition – The Consultant may be required to acquire vertical aerial photography of projects selected by the department. The aerial photography shall be obtained according to the specifications titled "Illinois Department of Transportation Specifications for Vertical Aerial Photography" revised November 1, 1994. The department requires a copy of the latest Calibration Report from the U.S. Geological Survey for each Consultant's camera used on department projects.

- Topographic Mapping – The Consultant may be requested to prepare topographic mapping using CADD technology, including analytical triangulation. The mapping shall be prepared as per the latest version of the department's manual titled "CADD Roadway Drafting Reference Guide."

- Orthophoto Production – The Consultant may be requested to produce digital images, digital mosaics and orthophotos

IDOT may provide the tiling scheme layout.

PROJECT REQUIREMENTS

A. Project Area: The data will be acquired for an area in the southeastern part of the state which may include, but is not limited to Clark, Clay, Coles, Crawford, Cumberland, Edwards, Effingham , Fayette, Jasper, Lawrence, Macon, Moultrie, Richland, Shelby, Wabash, and Wayne Counties.

B. Performance Standards: The underlying performance standards for this project are the Federal Emergency Management Agency's (FEMA's) "Guidelines and Specifications for Flood Hazard Mapping Partners, Appendix A: Guidance for Aerial Mapping and Surveying" in support of generating accurate 2 foot contours. This document will be referred to as "FEMA's Appendix A" in the remainder of this document. The most current version of FEMA's Appendix A can be obtained from the following website: (http://www.fema.gov/plan/prevent/fhm/dl_cgs.shtm). Portions of this specification may exceed FEMA's specifications and therefore the more stringent requirements must be met. If a performance standard is not covered in this specification, FEMA's standards govern and must be met.

C. LiDAR Acquisition Specifications: The LiDAR acquired by the Consultant for the project shall conform to the specifications set forth in the following paragraphs.

1. LiDAR data shall be captured at a nominal post spacing of no more than one (1) meter.

2. LiDAR system shall be capable of collecting multiple discrete returns, minimum of three returns per pulse.

3. The horizontal positions shall be based upon the North American Datum of 1983/2007 (NAD 83(NSRS2007)) adjustment as referenced to the Illinois State Plane Coordinates System, East Zone, in United States Survey Feet.

4. The vertical elevation data shall be referenced to the North American Vertical Datum of 1988 (NAVD88) adjustment, in United States Survey Feet.

5. The vertical Root Mean Square Error (RMSE) of the digital elevation data shall be no more than 18.5 centimeters (7.25 inches) relative to NAVD88; and 12.5 centimeter RMSE in open terrain.

6. The LiDAR data points shall be reported to the nearest hundredth of a foot.

7. Special Acquisition Conditions: LIDAR shall be acquired under these conditions:

    - during the leaf off season
    - while no snow is on the ground
    - while the area between the ground and aircraft is cloud free and fog free
    - during non-flood conditions, while the rivers remain within their channels at or below normal levels
    - Time of day is not of concern
    - Earth-surface data voids due to failure to adequately capture initial data are unacceptable and shall be sufficient reason for rejection of the entire data set.

D. Deliverables may include but are not limited to:

All Return, First Return, and Last Return elevation data in fully compliant v1.2 or v1.3 LAS format; Bare Earth elevation data as ASCII files in comma-delimited XYZI formatted data; and a county-wide data layer containing 2-foot contours as noted below.

1. All Return, First Return, Last Return and Bare Earth elevation data points shall represent the topographic surface and shall be reported to the nearest hundredth (0.01) foot.
2. **Raw Point Cloud**
    i. Fully compliant LAS v1.2 or v1.3, Point Record Format 1, 3, 4, or 5
    ii. LAS v1.3 deliverables with waveform data are to use external "auxiliary" files with the extension ".wdp" for the storage of waveform packet data. See the LAS v1.3 Specification for additional information.
    iii. Georeference information included in all LAS file headers.
    iv. GPS times are to be recorded as Adjusted GPS Time, at a precision sufficient to allow unique timestamps for each return.
    v. Intensity values (rescaled to 8-bit).
    vi. Full swaths, all collected points to be delivered.
    vii. 1 file per swath, 1 swath per file, file size not to exceed 2GB.

3. **Classified Point Cloud**
    i. Fully compliant LAS v1.2 or v1.3, Point Record Format 1, 3, 4, or 5
    ii. LAS v1.3 deliverables with waveform data are to use external "auxiliary" files with the extension ".wdp" for the storage of waveform packet data. See the LAS v1.3 Specification for additional information.
    iii. Georeference information included in LAS header
    iv. GPS times are to be recorded as Adjusted GPS Time, at a precision sufficient to allow unique timestamps for each return.
    v. Intensity values (rescaled to 8-bit).
    vi. Tiled delivery, without overlap (tiling scheme TBD)

vii. Classification Scheme (minimum):

Code Description
1-Processed, but unclassified
2-Bare-earth ground
7-Noise (low or high, manually identified, if needed)
9-Water
10-Ignored Ground (Breakline Proximity)

4. **Breakline Data –** Breaklines shall be generated from the LiDAR intensity returns for edge of water boundaries, roads, and other pertinent features as defined in FEMA's Appendix A, A.4.2.3 and delivered as a collection of files that are subdivided using the Illinois Department of Transportation's tiling scheme in Microstation 3d format or a format approved by the department.

5. **Mass Points –** Points at cartographic locations, high-low points, toe, and crests, saddles, buttes, street intersections, etc. The data shall be delivered as a collection of files that are subdivided using the Illinois Department of Transportation's tiling scheme in Microstation DGN format or a format approved by the department.

6. **Project Level Metadata**—Project level and collection level metadata shall be delivered that fully comply with Federal Geographic Data Committee (FGDC) metadata format standard in XML format and as a pdf or word document. Metadata shall describe the project, data acquisition methods, system calibration, processing methods, and statistical validation process and results. Project documentation will include control point and flight diagram information from the LiDAR acquisition flight. The metadata may include but is not limited to:

   i. Collection Report detailing mission planning and flight logs.
   ii. Survey Report detailing the collection of control and reference points used for calibration and QA/QC.
   iii. Processing Report detailing calibration, classification, and product generation procedures including methodology used for breakline collection and hydro-flattening.
   iv. QA/QC Reports (detailing the analysis, accuracy assessment and validation of:
      - The point data (absolute, within swath, and between swath)
      - The bare-earth surface (absolute)
      - Other optional deliverables as appropriate
   v. Control and Calibration points: All control and reference points used to calibrate, control, process, and validate the lidar point data or any derivative products are to be delivered.
   vi. Product metadata (FGDC compliant, XML format metadata). One file for each:
      - Project
      - Lift
      - Tiled deliverable product group (classified point data, bare-earth DEMs, breaklines, etc.). Metadata files for individual tiles are not required.

7. **Tiles:** All tiled deliverables will be 2000' x 2000' tiles according to the tile layout provided. Each tile shall have a minimum overlap of 10 feet beyond the tile boundary. Each tile's name will be derived from the lower left corner coordinates of the boundary and rounded to the even thousand. Example: Lower left corner:766,000E, 770,000N. Name of tile: 766_770. **

8. **LiDAR Tile Layout Diagram.** This file will be provided in Microstation V8 and/or ESRI shapefile format.

The completion date for this contract will be 36 months after authorization to proceed.

The Statement 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 a Certified Photogrammetrist)

- The person who will perform the QA/QC review work of all milestone submittals (must be a Certified Photogrammetrist)

- The person who will manage the field GPS and QA/QC points and procedures. (must be an Illinois Licensed Professional Land Surveyor)

- A proposal describing in detail how the Consultant will accomplish the LiDAR work, including equipment and software to be used and any work that would be performed by a sub-consultant. This will also include an estimated timeline for acquisition and delivery, and estimated number of control points for acquisition.

- A description of similar LiDAR projects completed by the firm within the last 5 years. Provide the contact information for the person/entity that the work was completed for. The department reserves the right to contact any of the named individuals to determine the performance on the listed project(s).

The prime firm must be prequalified in the **Special Services (Aerial Mapping)** category and possess the in-house capabilities to perform LiDAR services to be considered for this project.

Statements of Interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov

44. Job No. R-97-007-10, Various Survey Projects, Various Routes, Various Counties, Region Four/District Seven.

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 14% 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 **July 28, 2010** at **10:00 A.M.** at the Region Four/District Seven Office in **Effingham.**

Phase I & II engineering services are required for surveys for various projects throughout District Seven. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

Phase I and II Engineering services may consist of existing and proposed centerline production, design surveying, hydraulic surveying, land surveying-(Right-of-Way, Easement, Premise) Plats, legal descriptions, monument records, courthouse recording, staking proposed Right-of-Way, and mapping projects. In addition, the Consultant selected may be required to perform various route survey functions, including GPS in static and real time kinematics with NAD 83(2007) horizontal and NAVD 88 vertical control as well as E-bar electronic leveling, aerial mapping projects and topographic surveys on said datums. All survey information submitted must be acceptable for design purposes and be formatted per IDOT specifications. All data collected must comply with IDOT CADD standards and use standard IDOT survey point codes.

The department will furnish the Consultant with Title Reports, Existing Right -of-Way Plats and Plans, and Proposed Right-of-Way as each Work Order is negotiated.

The Consultant will be required to contact local land surveyors for their input and will be expected to obtain historic survey records. All surveying will meet or exceed Illinois Land Surveying Statues as required by law. The completion date for this contract will be 36 months after authorization to proceed.

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

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

- The person who will perform/supervise the work in the area of route surveying (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).

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

- The person who will perform the QC/QA review work of all submittal documents (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).

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

Special Services (Land Surveys)
Special Services (Route Surveys)

Statements of Interest, including resumes of key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

45. <u>Job No. P-98-080-10, D-98-080-10, Various Phase I and Phase II Deep Well and Pump Station Analysis for Various Routes, Various Counties, Region 5/District Eight.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method for compensation.

This project requires 15% DBE participation.

The **Complexity Factor** for this project is **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 27, 2010** at **10:00 A.M.** at the Region 5/District Eight Office in Collinsville.

Phase I and/or Phase II engineering services are required for various deep well and pump station projects in District Eight. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

Phase I work, if required, may include, but not be limited to, conducting hydraulic surveys, hydraulic analyses, preparing Hydraulic Reports, assessing condition of existing pump stations/deep wells to include electrical, mechanical and control systems, conducting system-wide analyses of pump stations and deep wells for short and long term planning of improvements, defining rehabilitation alternatives and preparing recommendations and cost analyses.

The Phase II work, if required, may include, but not be limited to, plan review, preparing contract plans, special provisions and estimates, facility field testing and start-up and preparation of Operation and Maintenance Manuals. The various proposed projects may consist of pump station repair and/or replacement, deep well rehabilitation and new well design.

The department will furnish the Consultant with any available as-built plans, microfilm plans, existing equipment cut-sheets, deep well discharges values, on/off pump elevations for existing conditions, field notes, boring logs and other available information deemed applicable to the Consultant's work.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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

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

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

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

Resumes of drainage engineers must state hydraulic and hydrologic modeling experience for the last 5 years. Experience in deep well design should be noted.

- The person who will perform the work in the area of electrical and control system design (must be an Illinois Licensed Engineer).

- The person who will perform the work in the area of mechanical system design (must be an Illinois Licensed Engineer).

- The person who will perform the work in the area of structural 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 for all milestone submittal documents (must Illinois Licensed Professional Engineers with specialization in the area of engineering performing work review and must be an Illinois Licensed Structural Engineer for structural work).

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

Hydraulic Reports (Pump Stations)
Special Plans (Pump Stations)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

46. <u>Job No. P-98-078-10/D-98-078-10, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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 **July 22, 2010** at **10:00 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or II engineering services are required, including Value Engineering services, 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. All work for these work orders will be in English units.

The Phase I work, if required, may consist of conducting initial project reviews for recommendations of improvements, geometric reviews and/or studies, capacity reviews and/or studies, route surveys, utility coordination, drainage studies, hydraulic analyses, geotechnical studies, preparing Bridge Condition Reports, and preparing 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, and any other related work to complete final plans, specifications, and estimates, as necessary.

Value Engineering (VE) services, if required, shall include VE Studies submitted in a written report. The Consultant will assemble a multi-disciplined VE project team of approximately 5-7 people. The VE team is to be led by an Illinois Licensed Professional Engineer, with experience in roadway and bridge design and carries the designation as a certified value engineer specialist. The VE team will use brainstorming techniques to develop good alternatives to the proposed project design, generating a large and creative list of potential solutions to items identified in the investigation and analysis phases. The VE team should be structured so there is appropriate expertise to evaluate the major problem areas anticipated within the project. In addition to the technical discipline such as design, construction, and environmental, the VE team must possess experience in construction cost estimating and cost–benefit analysis. “Read-Only” CADD files in Mircro-Station format will be made available to the VE team.

The Consultant will be expected to develop the VE work plan for projects assigned by the department. As a minimum, the plan shall include steps, methodology, criteria, timing, and deliverables.

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 VE team leader is to coordinate with the department on specific needs for the particular project to be studied.

The estimated construction cost of these projects may range from $500,000 to in excess of $20,000,000. 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 VE Consultant will be responsible for developing the Value Engineering Report. A step by step record of the VE analysis is required as part of the VE Report. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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/II aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will assume the duties of Project Manager for all aspects of the work documents for Value Engineering (must be experienced in handling multiple VE studies, and 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(s) who will perform the responsibilities of being the VE Team Leader (one leader per project). This person must be an Illinois Licensed Professional Engineer and a Certified VE Specialist. In addition, the support staff for the VE Team members must be identified.

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Surveyor). Route Surveying may be completed by prime or subconsultant.

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

The Statement of Interest must also include the Consultant's relevant Value Engineering 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. The Statements of Interest shall list all applicable projects. The VE work may be performed through a subconsultant.

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: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

47. <u>Job No. P-98-079-10 / D-98-079-10, Phase I and/or II work for Various Projects, Various Routes, Various Counties, Region 5/District Eight.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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 **July 26, 2010** at **10:30 A.M.** at the Region 5/District Eight Office in **Collinsville.**

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

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

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

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

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

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months.

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 Hydraulic Analyses (must be an Illinois Licensed Professional Engineer).

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

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Surveyor). Route Surveying may be completed by prime or subconsultant.

- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Surveyor). Land Surveying may be completed by prime or subconsultant.

- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). Geotechnical prequalification categories may be completed by prime or subconsultant.

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

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

48. Job No. C-98-101-10, Phase I and/or II Geotechnical work for Various Projects, Various Counties, Region 5/District Eight.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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 **July 27, 2010** at **1:30 P.M.** at the Region 5/District Eight Office in **Collinsville**.

Phase I and/or II engineering services are required for all work required for preparation of Roadway Geotechnical Reports (RGRs) and Structure Geotechnical Reports (SGRs) at various locations throughout District Eight. In addition to RGRs and SGRs, the work may also consist of pavement cores and evaluations, ground water studies, and specialized geotechnical analysis and design as needed and may include Program Development Training. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with the available plans (may be electronic or paper), historical data, and survey bench marks necessary to perform the work.

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

The completion date for this contract will be 36 months after authorization to proceed.

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

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

- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer).

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

- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

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

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

49. Job No. C-98-100-10, Phase III Various Projects, Materials QA Testing for Various Projects, Various Counties, Region Five, District Eight.

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 27, 2010** at **11:00 A.M.** at the Region 5/District Eight Office in **Collinsville.**

Phase III engineering services are required to perform the quality assurance responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC) construction, Aggregate Gradation Control System (AGCS) and pipe and precast producers. Additional services and responsibilities include structural steel and miscellaneous materials inspection at various sources or jobsites. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

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

The Consultant's work includes plant and on-site inspections, sampling and material testing. The Consultant will carry out quality assurance duties as defined in the construction contract, Policy Memorandum 19-08 and the Consultant agreement. The Consultant will maintain records and submit documentation of QC and QA activities required by the construction contract and Policy Memorandum 19-08.

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

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

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

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

50. <u>Job No. D-98-081-10, Various Utility Coordination Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **July 27, 2010** at **10:00 A.M.** at the Region Five/District Eight Office in **Collinsville**.

Phase I & II engineering services are required for utility coordination work throughout the District. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required, and direct cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within 10 calendar days. The Consultant may be required to conduct this work in the District 8 office.

These services shall consist of coordination with the utility companies. Services may consist of the following:

Review IDOT's construction plans for areas of utility conflict where adjustments/relocations are needed.

Provide a copy of IDOT's construction plans to the utility companies accompanied with an information letter and coordinate with utility companies to assist in plan preparation.

Verify and record the horizontal location of each aerial and underground utility facility within the proposed construction limits. Also, verify and record the vertical location of each underground utility that will require lowering or relocation due to the improvement.

Review plans and estimates furnished by the utility company for the most economical method of relocating the utilities.

Check plans and estimates of cost from the utility company and coordinate with the utility company for revisions if needed.

Forward a copy of the reviewed and accepted plans and estimates of cost to the district. A copy of the plans and estimates are required minimum of 5 months prior to the job letting.

Provide to the District a completed "Status of Utilities to be Adjusted" sheet with the estimated dates of completion for each utility. This document is to be provided to the District a minimum of 14 days prior to the Plans, Special Provisions, & Estimates (PS & E) date for the letting for the improvement.

Check plans, estimates and other data provided by the utility, required for preparing a reimbursable utility adjustment, if needed.

If the utility adjustment is to construct on ROW, then a permit is required (IDOT writes the permit). The utility company is responsible to obtain the permit from IDOT. The consultant will be responsible to review the proposed adjustment to insure the adjustment does not conflict with IDOT's proposed improvement.

Monitor and inspect utility adjustments in the field to assure the adjustments are in accordance with the approved adjustment plan and when necessary, coordinate with the utility to identify and correct problems as they occur.

Field check the adjustments and verify that they will not be in conflict with the proposed improvement.

Schedule and coordinate the adjustments to be completed before the contractor is to start construction (10 days after the execution of the contract).

Records should be kept of manpower, equipment, and materials used on reimbursable utility relocations.

Review for accuracy all bills submitted by the utility companies for reimbursement. Work with the utilities to obtain a bill reflecting appropriate charges and submit the bill with your recommendations to IDOT for payment. IDOT will process the bills for payment.

It will be required to attend field checks and preconstruction meetings for each section. Also once the utility companies have received the plans and start submitting proposals, biweekly meetings may be required to discuss the job status.

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

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

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months.

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

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

- The person's name who will assume the duties of Project Coordinator directly involved in the management of each project.

- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor). Land Surveying may be completed by prime or subconsultant).

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor). Route Surveying may be completed by prime or subconsultant).

The prime firm must be prequalified in the following category(s) to be considered for this project:

Special Services (Subsurface Utility Engineering)
and/or
Highways (Roads and Streets)

Statements of Interest must also include satisfactory experience in the activities required for this work by the firm and its' employees.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

51. <u>Job No. C-98-099-10, Phase III (Construction Inspection) Various Projects, Various Routes, Various Counties, Region 5/District 8.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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 **July 27, 2010** 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 Consultant may be required to 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.

The Consultant's work force shall be adequate to allow completion of these projects in a timely manner. 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.

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

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

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.

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 2010, 2011, 2012 and 2013 construction seasons. The completion date for this contract will 36 months after authorization to proceed.

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

- Liaison Engineer

- Materials Coordinator(s) – Include specific details or aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.

- Proportioning Technician(s) – Include specific details or aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.

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

- The Materials QA Technician

- The Survey Chief

- Nuclear density inspectors are to include evidence of appropriate QC/QA density training and nuclear license.

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 at the following address: SOIPTB@dot.il.gov.

52. <u>Job No. C-98-104-10, Phase III (Construction Inspection) for Various Projects, Various Routes, Various Counties, Region 5/District 8.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 27, 2010** at **10:00 A.M.** at the Region 5/District 8 office in **Collinsville.**

Phase III engineering services are required to provide construction inspection, drafting, supervision, engineering layout, and record maintenance throughout District. Typical projects may include guardrail repairs and replacement, pavement marking installation, pump repairs, highway lighting upgrades, emergency highway repairs, and safety device installation. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant may be required to 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

The Consultant's work force shall be adequate to allow completion of these projects in a timely manner. 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.

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

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

The Consultant is expected to 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.

The estimated construction cost of these projects may range from $50,000 to $5,000,000. The Consultant must complete and submit final measurements, calculations, and contract record documentation to the department no later than six (6) weeks after completion of each project as required. The various projects are scheduled for construction during the 2010 and 2011 construction seasons. 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:

- Liaison Engineer

- Materials Coordinator(s) – Include specific details or aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.

- Proportioning Technician(s) – Include specific details or aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.

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

- The Materials QA Technician

- The Survey Chief

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 at the following address: SOIPTB@dot.il.gov.

53. <u>Job No. C-99-072-10, Phase III (Construction Inspection) Various Projects, Various Routes, Various Counties, Region Five/District Nine.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 26, 2010,** at **10:00 A.M.** at the Region Five/District Nine Office in Carbondale.

Phase III Engineering services are required to provide construction supervision, inspection, engineering layout, material testing, and/or record maintenance throughout District 9. 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 provide a Resident Engineer on some projects to direct the Contractor and to complete pay estimates and change orders. On these projects, the department's Resident Engineer will direct/coordinate the activities of the Consultant staff provided to supplement the department's staff and perform engineering services required for these projects. There may be instances where the Consultant will be required to furnish a Resident Engineer complete with staff capable to run individual projects and work directly with the department's construction field engineers to ensure adequate engineering services required for these projects are in place.

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

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 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 department will furnish all necessary plans, specifications, standards, and related forms for record keeping. It is anticipated that the department will do all off-site material inspection for the assigned projects, however if needs are such that additional material inspection services are needed, the Consultant will be notified.

The estimated construction cost for these assigned projects range from $100,000 to $35,000,000. The various projects are scheduled for construction during calendar years 2010 through 2013 construction seasons. The completion date for this contract will be 30 months after authorization to proceed.

The Consultant may also be asked to provide trained technicians to perform nuclear density testing for embankment and bituminous pay items at various locations on active contracts throughout the District. These technicians will supplement the district staff. The Consultant is required to provide their own gauge, bunker, and transport box.

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

- The Resident Engineer and/or Liaison Engineer with current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities. Knowledge of the department's ICORS system is also desired.

- The Materials Coordinator. This person should have experience with Materials testing and completed all necessary training in the department's QC/QA programs.

- The Documentation Technician. The person(s) 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 Paint Technician. The person performing the inspection and documentation of bridge painting must complete SSPC-C3 Lead Training. They must have at least five (5) years inspection experience on painting contracts with at least 2 years experience with lead abatement.

- Construction Inspector(s). Inspectors should be familiar with IDOT inspection duties and requirements and be capable of performing geometric and physical layout as needed for construction purposes.

- The Materials QA Technician with Nuclear Density Testing license and all necessary training in the department's QC/QA programs.

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

Statement of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

54. Job No. C-99-039-10, Phase III Work for Various Projects, Various Counties, Region Five/District Nine.

This project will utilize the **Direct Labor Multiple (DLM)** method of contracting.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 23, 2010,** at **10:00 A.M.** at the Region Five/District Nine Office in Carbondale.

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

Phase III Engineering services are required to provide construction supervision, inspection, engineering layout, material testing, and/or record maintenance throughout District 9. 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 provide a Resident Engineer on some projects to direct the Contractor and to complete pay estimates and change orders. On these projects, the department's Resident Engineer will direct/coordinate the activities of the Consultant staff provided to supplement the department's staff and perform engineering services required for these projects. There may be instances where the Consultant will be required to furnish a Resident Engineer complete with staff capable to run individual projects and work directly with the department's construction field engineers to ensure adequate engineering services required for these projects are in place.

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

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 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 department will furnish all necessary plans, specifications, standards, and related forms for record keeping. It is anticipated that the department will do all off-site material inspection for the assigned projects, however if needs are such that additional material inspection services are needed, the Consultant will be notified.

The estimated construction cost for these assigned projects range from $100,000 to $35,000,000. The various projects are scheduled for construction during calendar year 2010, 2011, 2012 and 2013 construction seasons. The completion date for this contract will be 30 months after authorization to proceed.

The consultant may also be asked to provide trained technicians to perform nuclear density testing for embankment and bituminous pay items at various locations on active contracts throughout the District. These technicians will supplement the district staff. Consultants will provide their own gauge, bunker, and transport box.

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

- The Resident Engineer and/or Liaison Engineer with current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities. Knowledge of the department's ICORS system is also desired.

- The Materials Coordinator. This person should have experience with Materials testing and completed all necessary training in the department's QC/QA programs.

- The Documentation Technician. The person(s) 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 Paint Technician. The person performing the inspection and documentation of bridge painting must complete SSPC-C3 Lead Training. They must have at least five (5) years inspection experience on painting contracts with at least 2 years experience with lead abatement.

- Construction Inspector(s). Inspectors should be familiar with IDOT inspection duties and requirements and be capable of performing geometric and physical layout as needed for construction purposes.

- The Materials QA Technician with Nuclear Density Testing license and all necessary training in the department's QC/QA programs.

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

Statement of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

55. <u>Job No. D-30-001-11, Statewide Structural Engineering Services, Bureau of Bridges and Structures.</u>

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 23, 2010,** at **10:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Primary projects are anticipated to include NBIS and Element Level Inspections. Limited projects will include Damage Inspections. The Consultant may be required to provide the appropriate bridge inspection equipment to complete NBIS and Damage Inspections and field investigations. The Consultants may also be required to provide the appropriate traffic control. In addition, various structural engineering, geotechnical/foundation, and hydraulic services may be required by the Bureau of Bridges and Structures. Anticipated projects may 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 period.

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months

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 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.

- 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 subconsultant.

- 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). Hydraulic Reports: Typical prequalification category may be completed by Prime and/or subconsultant.

The prime firm must be pre-qualified in the **Structures (Highway: Advanced Typical)** category and to be considered for this project.

Statement of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

56. <u>Job No. HPR-66-001-11, Field Collection of Traffic Data, Various Routes, Various Counties in District One, District Two, and District Three.</u>

This is a Federally Funded Project.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

This project requires 10% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 27, 2010** at **1:00 P.M.** at the at the Harry R. Hanley Building, Central Office of Planning and Programming in **Springfield**.

Engineering services are required for collection of various types of field traffic counts in District One, District Two, and District Three. This will entail obtaining accurate machine traffic counts and submitting this data to the department's district project manager for processing.

For 2011, the Consultant's work will include collecting 24-hour machine counts at locations on the State Marked Route system (IL Routes, US routes, Interstates) throughout Districts One, Two and Three. In addition, the department is requesting 24-hour machine counts at locations on unmarked routes in Lake County. Some 12-hour manual counts in District One will be required, and other 24 hour counts using video data collection will be required.

The Consultant's work for 2012 will consist of collecting 24-hour machine counts at locations on unmarked routes throughout DuPage, Will, Whiteside, Ogle, Winnebago, and Lee counties.

The Consultants work for 2013 will consist of collecting 24-hour machine counts at locations on the State Marked Route system (IL Routes, US Routes, Interstates) throughout District One, District Two and District Three. In addition, we are requesting 24-hour machine counts at locations on unmarked routes in McHenry and Boone County. Some 12-hour manual counts in District One will be required and other 24 hour counts using video data collection will be needed. In all three years, 24-hour machine counts will be required at structures and railroad crossings to meet federal and state guidelines.

The work located in District One, on divided 4-6 lane roadways (non-interstates) with higher traffic volumes, requires a truck with a truck mounted attenuator when work is encroaching onto the roadway.

The department may substitute counties other than those listed.

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, Illinois routes), the NuMetrics NC-97 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 NuMetrics NC-97 or NC-200.

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 a high volume Interstate routes.

All machine counts will be paid for as follows:

1-3 lane counters – 1 pay unit
4-6 lane counters – 2 pay units
> 6 lane counters – 3 pay units

		Estimated Traffic Count locations			**Total Locations**
	Type of Count	**Year 2011**	**Year 2012**	**Year 2013**	
1.	24-hour volume/classification – District 1	1,900	1,400	1,700	5,000
	24-hour volume/classification – District 2	900	700	1,300	2,900
	24-hour volume/classification – District 3	900		900	1,800
2.	24-hour road tube counts – District 2		2,500	200	2,700
3,	12-hour Manual Counts	120	10	120	250
4.	24-hour Video data collection counts	30	5	30	65

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 completion date for this project will be October 31, 2013.

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 (must be an Illinois Licensed Professional Engineer).

- 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 (2011, 2012, and 2013).

- 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).

- Pertinent information on each subconsultant.

- A brief statement of the firm's interest in performing this work.

- An outline of procedures the firm will have in place to provide quality control/quality assurance for this project.

The department will furnish count site location maps and a list of traffic count locations for the Consultant's use in developing a count schedule approved by the department's project manager. Field traffic data will be supplied to the department electronically in a Microsoft Access database table sent 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.

Statements of Interest must include the Consultant's thorough knowledge of traffic counting procedures and show the firm's ability 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 contract.

Statement of Interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

57. <u>Job No. HPR-66-001-11, Field Collection of Traffic Data on Various Routes for Various Counties in District Four, District Six, District Seven, District Eight, and District Nine.</u>

This is a Federally Funded Project.

This project requires 10% DBE participation.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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

The Consultant who is selected for this project and all subconsultants the prime Consultants will be using are scheduled to attend a negotiation meeting on **July 27, 2010** at **10:00 A.M.** at the Central Office in **Springfield**.

Engineering services are required for collection of various types of field traffic counts in Districts Four, Six, Seven, Eight, and Nine. This work will entail obtaining accurate machine traffic counts and submitting this data to the department's district project manager for processing.

For 2011, the Consultant's work will include collecting 24-hour machine counts at locations on the State Marked Route system (IL Routes, US Routes, Interstates) throughout Districts Four, Six, and Nine, in Macon, St. Clair, and Madison counties. Also, in 2011, the department is requesting 24-hour machine counts at locations on unmarked routes throughout Henderson, McDonough, Warren, Logan, Clark, Cumberland, Jasper, and Lawrence counties. Some 24-hour counts using video data collection will be required.

The Consultant's work for 2012 will consist of collecting 24-hour machine counts at locations on unmarked routes throughout Knox, Peoria, Cass, Pike, Sangamon, Edwards, Wabash, and Wayne counties.

The Consultant's work for 2013 will consist of collecting 24-hour machine counts at locations on the State Marked Route system throughout District Four, District Six, District Nine, Macon, St. Clair, and Madison counties. Also, in 2013, the department is requesting 24-hour machine counts at locations on unmarked routes throughout Putnam, Stark, Christian, Effingham, Fayette, and Richland counties. Some 24-hour counts using video data collection will be needed. In all three years, 24-hour machine counts will be required at structures and railroad crossings to meet federal and state guidelines.

The department may substitute counties other than those listed.

The department requires 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, Illinois routes), the NuMetrics NC-97 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 NuMetrics NC-97 or NC-200.

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 a high volume Interstate routes.

All machine counts will be paid for as follows:

1-3 lane counters – 1 pay unit
4-6 lane counters – 2 pay units
> 6 lane counters – 3 pay units

		Estimated Traffic Count locations			Total Locations
	Type of Count	**Year 2011**	**Year 2012**	**Year 2013**	
1.	24-hour volume/classification – District 4	975		975	1,950
	24-hour volume/classification – District 6	1,350	700	1,450	3,500
	24-hour volume/classification – District 7	950	550	900	2,400
	24-hour volume/classification – District 8	675		675	1,350
	24-hour volume/classification – District 9	950	50	850	1,850
2.	24-hour road tube counts – District 4	1,050	1,900	200	3,150
	24-hour road tube counts – District 6	150	400	200	750
	24-hour road tube counts – District 7	750	500	900	2,150
3.	24-hour Video data collection counts	20		20	40

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 completion date for this project will be October 31, 2013.

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 (must be an Illinois Licensed Professional Engineer).

- 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 (2011, 2012, and 2013).

- 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).

- Pertinent information on each subconsultant.
- A brief statement of the firm's interest in performing this work.
- An outline of procedures the firm will have in place to provide quality control/quality assurance for this project.

The department will furnish count site location maps and a list of traffic count locations for the Consultant's use in developing a count schedule approved by the department's project manager. Field traffic data will be supplied to the department electronically in a Microsoft Access database table sent 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.

Statements of Interest must include the Consultant's thorough knowledge of traffic counting procedures and show the firm's ability 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 contract.

Statement of Interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

58. Job No. C-30-001-11 Specific Gravity Testing, Bureau of Materials and Physical Research (BMPR)

This project will utilize the **Direct Labor Multiple (DLM)** method of compensation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 2, 2010** at **10:30 A.M.** in the Bureau of Materials and Physical Research (BMPR) office at 126 East Ash Street, **Springfield**.

This project requires specialized technical services to perform aggregate specific gravity testing on both fine and coarse aggregate. The department requires aggregate producers to have their materials tested for quality on an annual basis. This testing is performed by BMPR. Specific gravity is not a quality test; however, since specific gravity information is necessary for PCC and HMA mix designs, BMPR performs specific gravity testing on each sample. The purpose of this project is to transfer the specific gravity testing to the Consultant. The Consultant work will consist of obtaining the samples at BMPR, perform the appropriate Illinois Modified test procedure, and report the test results to BMPR.

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

Consultant Lab Requirements:

- AMRL certified for both AASHTO T84 and AASHTO T85.
    - 3 months after the contract is awarded to receive this certification if the lab is not currently certified.
- Additional inspection and approval by BMPR.
- Random checks by BMPR throughout the contract.
- Capable of adding new test methods as identified for use by BMPR.

The Consultant will be expected to test approximately 2500 samples annually.

The department will furnish the Consultant with the following:

- Training for all necessary personnel on the Illinois Modified version of each test method.
- Spreadsheet to be used for the reporting of test results.

Information obtained through testing is property of the Illinois Department of Transportation (IDOT) and cannot be sold/given to any other entity without written permission from IDOT.

The completion date for this contract will be 12 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 12 months.

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.

- Licensed Professional Geologist to oversee all testing.
    - Minimum 15 years experience in aggregate testing and aggregate inspection in Illinois is preferred.

Statements of Interest must also 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 key people, must be **received** by the Bureau of Design and Environment prior to **12:00 P.M.,** Central Time, **May 27, 2010,** to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov.

If e-mailing, please contact Carrie Kowalski (Carrie.Kowalski@illinois.gov) for your firm code.

Or, send two (2) hard copies to:

Illinois Department of Transportation
Attn: Ms. Janet Pisani
Bureau of Design and Environment
Consultant Unit – Room 330
2300 South Dirksen Parkway
Springfield, IL 62764

59. Job No. P-99-005-10, Various LiDAR and Photogrammetry Projects, Various Routes, Various Counties, Bureau of Design and Environment.

This is a Federally Funded Project.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of contracting.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 29, 2010** at **10:00 A.M.** at the Harry R. Hanley Building, Bureau of Design and Environment, in **Springfield**.

The main emphasis of the services required is the collection of Light Detection and Ranging (LiDAR) data to support the generation of a high resolution Digital Terrain Model (DTM) that will be used as base data for regional hydrologic modeling projects and for engineering location studies. LIDAR data captured for this project will need to be of high resolution and quality. Aerial Photography and other photogrammetric services may be required on an as needed basis. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant's work is expected to include the following services:
Light Detection and Ranging (LIDAR) – The Consultant shall perform the necessary flying and LiDAR acquisition, processing, terrain modeling, and elevation map preparation for the selected area. The consultant will be required to collect Light Detection and Ranging (LIDAR) data to support the generation of a high resolution Digital Terrain Model (DTM) and 2 foot contour mapping that will be used as base data for regional hydrologic modeling projects and for engineering location studies. LIDAR data captured for this project will need to be of high resolution and quality.

The Consultants work may include providing the following services:

- Terrestrial and Mobile LiDAR – The consultant may be requested to obtain LiDAR data for projects selected by the department using a terrestrial and or mobile LiDAR scanner.

- Photography Acquisition – The Consultant may be required to acquire vertical aerial photography of projects selected by the department. The aerial photography shall be obtained according to the specifications titled "Illinois Department of Transportation Specifications for Vertical Aerial Photography" revised November 1, 1994. The department requires a copy of the latest Calibration Report from the U.S. Geological Survey for each Consultant's camera used on department projects.

- Topographic Mapping – The Consultant may be requested to prepare topographic mapping using CADD technology, including analytical triangulation. The mapping shall be prepared as per the latest version of the department's manual titled "CADD Roadway Drafting Reference Guide."

- Orthophoto Production – The Consultant may be requested to produce digital images, digital mosaics, and orthophotos.

PROJECT REQUIREMENTS

A. Project Area: The data will be acquired for an area in the southern part of the state, which may include, but is not, limited to Pulaski, Massac and the west half of Johnson Counties.

B. Performance Standards: The underlying performance standards for this project are the Federal Emergency Management Agency's (FEMA's) "Guidelines and Specifications for Flood Hazard Mapping Partners, Appendix A: Guidance for Aerial Mapping and Surveying" in support of generating accurate 2 foot contours. This document will be referred to as "FEMA's Appendix A" in the remainder of this document. The most current version of FEMA's Appendix A can be obtained from the following website: (http://www.fema.gov/plan/prevent/fhm/dl_cgs.shtm). Portions of this specification may exceed FEMA's specifications and therefore the more stringent requirements must be met. If a performance standard is not covered in this specification, FEMA's standards govern and must be met.

C. LiDAR Acquisition Specifications: The LiDAR acquired by the Consultant for the project shall conform to the specifications set forth in the following paragraphs.

1. LiDAR data shall be captured at a nominal post spacing of no more than one (1) meter.

2. LiDAR system shall be capable of collecting multiple discrete returns, minimum of three returns per pulse.

3. The horizontal positions shall be based upon the North American Datum of 1983/2007 (NAD 83(NSRS2007)) adjustment as referenced to the Illinois State Plane Coordinates System, East and West Zone, in United States Survey Feet.

4. The vertical elevation data shall be referenced to the North American Vertical Datum of 1988 (NAVD88) adjustment, in United States Survey Feet.

5. The vertical Root Mean Square Error (RMSE) of the digital elevation data shall be no more than 18.5 centimeters (7.25 inches) relative to NAVD88; and 12.5 centimeter RMSE in open terrain.

6. The LiDAR data points shall be reported to the nearest hundredth of a foot.

7. Special Acquisition Conditions: LIDAR shall be acquired under these conditions:

   - during the leaf off season
   - while no snow is on the ground
   - while the area between the ground and aircraft is cloud free and fog free
   - during non-flood conditions, while the rivers remain within their channels at or below normal levels
   - Time of day is not of concern
   - Earth-surface data voids due to failure to adequately capture initial data are unacceptable and shall be sufficient reason for rejection of the entire data set.

D. IDOT may provide the following:

1. Tiling scheme layout.
2. Ground control during collection.
   i. The consultant shall determine points to be occupied
   ii. IDOT may provide the GPS observations on the agreed upon control points.
   iii. Consultant flight crew and IDOT will be in close communication for timing of observations.
3. QA/QC shots.
   i. Each county will be divided into areas based on townships.
   ii. Each area (township) will have at least one (1) shot (XYZ and picture) for each of the following categories five (5) categories:
      1. Tall Grass (two (2) locations per area)
      2. Short Grass
      3. Brush (short)
      4. Woods (timber area)
      5. Tall Buildings
   iii. A roadway cross section will be taken at each of the above noted points. The cross section will include a shot at the edge, center and edge of roadway.

E. Deliverables may include but are not limited to:

All Return, First Return, and Last Return elevation data in fully compliant v1.2 or v1.3 LAS format; Bare Earth elevation data as ASCII files in comma-delimited XYZI formatted data; and a county-wide data layer containing 2-foot contours as noted below.

1. All Return, First Return, Last Return and Bare Earth elevation data points shall represent the topographic surface and shall be reported to the nearest hundredth (0.01) foot.
2. Raw Point Cloud
   i. Fully compliant LAS v1.2 or v1.3, Point Record Format 1, 3, 4, or 5
   ii. LAS v1.3 deliverables with waveform data are to use external "auxiliary" files with the extension ".wdp" for the storage of waveform packet data. See the LAS v1.3 Specification for additional information.
   iii. Georeference information included in all LAS file headers.
   iv. GPS times are to be recorded as Adjusted GPS Time, at a precision sufficient to allow unique timestamps for each return.
   v. Intensity values (rescaled to 8-bit).
   vi. Full swaths, all collected points to be delivered.
   vii. 1 file per swath, 1 swath per file, file size not to exceed 2GB.

3. **Classified Point Cloud**
   i. Fully compliant LAS v1.2 or v1.3, Point Record Format 1, 3, 4, or 5
   ii. LAS v1.3 deliverables with waveform data are to use external "auxiliary" files with the extension ".wdp" for the storage of waveform packet data. See the LAS v1.3 Specification for additional information.
   iii. Georeference information included in LAS header
   iv. GPS times are to be recorded as Adjusted GPS Time, at a precision sufficient to allow unique timestamps for each return.
   v. Intensity values (rescaled to 8-bit).
   vi. Tiled delivery, without overlap (tiling scheme TBD)
   vii. Classification Scheme (minimum):
   Code Description

1- Processed, but unclassified
2- Bare-earth ground
7- Noise (low or high, manually identified, if needed)
9- Water
10- Ignored Ground (Breakline Proximity)

4. **Breakline Data –** Breaklines shall be generated from the LiDAR intensity returns for edge of water boundaries, roads, and other pertinent features as defined in FEMA's Appendix A, A.4.2.3 and delivered as a collection of files that are subdivided using the Illinois Department of Transportation's tiling scheme in Microstation 3d format or a format approved by the department.

5. **Mass Points –** Points at cartographic locations, high-low points, toe, and crests, saddles, buttes, street intersections, etc. The data shall be delivered as a collection of files that are subdivided using the Illinois Department of Transportation's tiling scheme in Microstation DGN format or a format approved by the department.

6. **Project Level Metadata—**Project level and collection level metadata shall be delivered that fully comply with Federal Geographic Data Committee (FGDC) metadata format standard in XML format and as a pdf or word document. Metadata shall describe the project, data acquisition methods, system calibration, processing methods, and statistical validation process and results. Project documentation will include control point and flight diagram information from the LiDAR acquisition flight. The metadata may include but is not limited to:

   i. Collection Report detailing mission planning and flight logs.
   ii. Survey Report detailing the collection of control and reference points used for calibration and QA/QC.
   iii. Processing Report detailing calibration, classification, and product generation procedures including methodology used for breakline collection and hydro-flattening.
   iv. QA/QC Reports (detailing the analysis, accuracy assessment and validation of:
      - The point data (absolute, within swath, and between swath)
      - The bare-earth surface (absolute)
      - Other optional deliverables as appropriate
   v. Control and Calibration points: All control and reference points used to calibrate, control, process, and validate the lidar point data or any derivative products are to be delivered.
   vi. Product metadata (FGDC compliant, XML format metadata). One file for each:
      - Project
      - Lift
      - Tiled deliverable product group (classified point data, bare-earth DEMs, breaklines, etc.). Metadata files for individual tiles are not required.

7. **Tiles:** All tiled deliverables will be 2000' x 2000' tiles according to the tile layout provided. Each tile shall have a minimum overlap of 10 feet beyond the tile boundary. Each tile's name will be derived from the lower left corner coordinates of the boundary and rounded to the even thousand. Example: Lower left corner: 766,000E, 770,000N. Name of tile: 766_770. ***

8. **LiDAR Tile Layout Diagram.** This file will be provided in Microstation V8 and/or ESRI shapefile format.

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

The Statement 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 a Certified Photogrammetrist)

- The person who will perform the QA/QC review work of all milestone submittals (must be a Certified Photogrammetrist)

- A proposal describing in detail how the Consultant will accomplish the LiDAR work, including equipment and software to be used and any work that would be performed by a sub-consultant. This will also include an estimated timeline for acquisition and delivery, and estimated number of control points for acquisition.

- A description of similar LiDAR projects completed by the firm within the last 5 years. Provide the contact information for the person/entity that the work was completed for. The department reserves the right to contact any of the named individuals to determine the performance on the listed project(s).

The prime firm must be prequalified in the **Special Services (Aerial Mapping)** category and possess the in-house capabilities to perform LiDAR services to be considered for this project.

Statements of Interest, including resumes of key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov

Notice of Consultant Engineering Mentor Protégé Program

Effective December 23, 2009
Revised 02-04-10

Firms wishing to participate in the Mentor Protégé program should indicate in their Statement of Interest e-mail the Item number(s) they are planning on participating.

For Example in the body of the E-mail message include "Firm ABC is interested in participating in the Mentor Protégé Program on items 2, 5 and 10."

Also, the Exhibit A has been modified to include Mentor Protégé data. The Exhibit A document is available on the website at http://www.dot.il.gov/desenv/deform.html

Guidelines, implementation, and a sample development plan are available on our website at http://www.dot.il.gov/consultmentor.html

Notice for Consultant Subscription Service
Effective July 1, 2009

IDOT has revised the process for distribution of information to engineering consultants. We now have a subscription service that allows the firms to add or delete, at their discretion, the staff that receives information on consultant engineering issues.

If you are currently receiving e-mails, i.e. The Press Release, notification of the PTB being published, etc., you are already a subscriber to the list. There is no need to subscribe again. You do have the option of deleting yourself from the list. See below.

http://www.dot.il.gov/desenv/ptbsubsc.html takes you to the subscription service website. The following is taken directly from the listed site:

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 these items will be automatically e-mailed to the subscriber upon release.

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 and with the information as noted below:

1. Address the e-mail message to: listserv@lists.dot.il.gov
2. Type the letters 'sub', a space and then the subscription listname in the **body of the message**.
   Please Note: *There are no spaces in the listname*.
   Example: **sub IDOT-PTB**
   (Do Not Include Any Other Text)
3. Send the message.
4. A confirmation e-mail will be sent to you.
5. Click on the reply button and type OK in the body of the message and send the message back to IDOT.
6. Once the Department receives the OK, you will be added to the subscription list.
7. You will then receive a confirmation e-mail stating that you have been added to the list and automatically receive the publications and reports for which you have subscribed when they are published.

Instructions to Unsubscribe

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address and with the information as noted below:

1. Address the e-mail message to: listserv@lists.dot.il.gov
2. Type the letters 'signoff', a space and then the subscription listname in the **body of the message**. Please Note: There are no spaces in the listname. Example: signoff IDOT-PTB (Do Not Include Any Other Text)
3. Send the message.
4. A confirmation e-mail will be sent to you removing you from the subscription list.

Frequently Asked Questions for Submitting a Statements of Interest for Professional Transportation Bulletin 4-01-10

The frequently asked questions are available at ***http://www.dot.il.gov/desenv/FAQ.html***
Professional Transportation Bulletin is available at ***http://www.dot.il.gov/desenv/ptb.html***
To become a prequalified consultant go to ***http://www.dot.il.gov/desenv/preqcons.html***

1. **Question:** Where do I submit my electronic Statement of Interest?

   Answer: As stated in each advertisement and in the E-mail Instructions all submittals go to SOIPTB@dot.il.gov

2. **Question:** When do I submit my electronic Statement of Interest (SOI)?

   Answer: The Statement of Interest due date and time are listed on the front cover of the PTB. If it is not received by 12:00 p.m. on the due date it will not be considered, that includes partial submittals. A complete submittal must be received before 12:00 p.m., which includes all required forms. If the SOI item is received at 11:59 a.m. and the forms are received in a separate e-mail at 12:01 p.m., your firm will not be considered for the PTB. Firm's have 3 weeks to submit Statements of Interest, and we accept Statements of Interest from publish date to 12:00 p.m. on the due date.

3. **Question:** Where are the latest forms?

   Answer: In the Professional Transportation Bulletin there is a bookmark titled Forms, which links to the website. There is also a link in the Guidelines, and a link in the E-mail Instructions. http://www.dot.il.gov/desenv/deform.html

4. **Question:** Why do I have to keep the footer with document name and why use the latest form?

   Answer: IDOT is ISO certified. When IDOT is audited, The ISO Auditors ask, "How do you know the correct form is being used?" The footer with the document name and revision are the proof required.

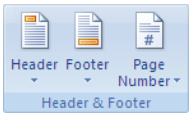
5. **Question:** The footer disappears when I insert the Exhibit A/B file. How do I keep the footer?

   Answer: There are two options

   - If you are using Microsoft Word 2003, you need to insert a section break. Per Word help, "To create a different header or footer for a section, you need to break the connection between the sections. Click in the section for which you want to create a different header or footer. On the **Header and Footer** toolbar, click **Link to Previous** to break the connection between the header and footer in the current section and the previous one."

   - If you are using Microsoft Word 2007, Starting at the beginning of the document, click in the first section for which you want to vary the

header or footer. On the **Insert** tab, in the **Header & Footer** group, click **Header** or **Footer**.



Click **Edit Header** or **Edit Footer**.

On the **Headers & Footers** tab, in the **Navigation** group, click **Link to Previous** to break the connection between the header or footer in this section and the previous section.

OR

- Complete the word file, convert to adobe, and then insert the file in to your already converted PDF Statement of Interest.

6. **Question:** Does the Prime have to be prequalified in the requested categories in the advertisement or can we sub that work out?

Answer: Yes, the prime is required to have the prequalification. It states in the guidelines:
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.

Also, in every advertisement it states:

"The prime firm must be prequalified in the following categories to be considered for this project": This means the prime is required to be prequalified in the listed categories.

7. **Question:** In the advertisements it sometimes states:
The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). Location Drainage prequalification category requirement may be completed by Sub and/or Prime)
The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Surveyor). Route Surveys prequalification category requirement may be completed by Sub and/or Prime)
The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of the Structure Geotechnical Report (must be an Illinois Licensed Professional Engineer). Geotechnical Services,

Structure Reports Geotechnical (SGR) prequalification category requirement may be completed by Sub and/or Prime.

How do we address this in our submittal?

Answer: In these instances, if the prime is prequalified they may use their staff. If the prime is prequalified or if not prequalified for those categories, a subconsultant that is prequalified in the requested category may be used.

For example in the **Exhibit A** if using a sub, fill out as shown
Other Required Key Staff:

Name Required Prequalification Category : Land Surveying			
*Name	John Doe @ ABC Engineering		
Category	PLS (PE, SE, LS)		
Registration #	035-123456		
Year Registered	1998	State	IL
Office Location:			
City	Chicago	State	IL

8. **Question:** The advertisement has a DBE Goal. Where & how do we address in our Statement of Interest?

Answer: In the **Exhibit A** on page 3 of 3, there is the following statement: "List Subconsultant(s) and the item(s) of work that they will perform." This is where the firm lists all subs including DBE's. Example: ABC Engineering, DBE, will perform land surveying services.

9. **Question:** The **Exhibit A** on page 3 of 3 asks:
Firm is proposing a Mentor-Protégé on this project: Yes ☐ No ☐

Name of Protégé Firm	**Areas of work (prequalification category(ies) they will be participating in**

What are we required to include in the above?

Answer: First check yes or no. If yes, include the name of the firm that will be the protégé and which prequalification category they will be mentored to do.
Example:
Firm is proposing a Mentor-Protégé on this project: Yes ☒ No ☐

Name of Protégé Firm	**Areas of work (prequalification category(ies) they will be participating in**
ABC Engineering	Location Design Studies (Rehabilitation)

10. **Question:** The advertisement states: 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 and approved in the firm's most recent Statement of Experience and Financial Condition. Where do I find the approved staffing?

    Answer: Every firm prequalified in environmental assessment receives as part of the prequalification response, a document that has a listing of who is qualified for lead and each discipline and at what level, EA or EIS. The personnel on the document titled "Prequalified Environmental Staff" are the staff that must appear on Exhibit B.

11. **Question:** The Advertisement states the required prequalification category is **Location/Design Studies (Reconstruction/Major Rehabilitation**). Is the firm required to submit an Exhibit B?

    Answer: Yes, it's required per the guidelines: 6) Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) require completion of **Exhibit B**. Only the first section is required for Location Design Studies,

    Location/Design Study Work

    This portion to be completed when projects require Location Design Studies (Reconstruction/Major Rehabilitation or New Construction/Major Reconstruction)

    For projects requiring Environmental Reports, the second portion is required

    Environmental Work

    This portion to be completed when projects require Environmental Reports (Environmental Assessment or Environmental Impact Statements)

    The request in the advertisement for Exhibit B is done as a courtesy.

12. **Question:** The guidelines say no more than 2 pages for firm's interest in performing the work. The advertisement requests additional data such as:

    - Statements of Interest must also include the proposed Quality Assurance/Quality Control (QA/QC) plan for the project design, including calculations and check-set plans and specifications as deliverables.

    Or

    - Statements of Interest must include details of how the Consultant will accomplish the work, a schedule for completing the work in the prescribed time, the firm's capability, and project team experience for similar projects, an organizational chart for the project, etc.

    Can we go over the 2 page limit?

Answer: The guidelines also state, "8) In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal." The 2 page limit is separate from the additional requirements that may be requested in the advertisement. Your firm may not be considered if not all information requested in the advertisement is provided.

13. **Question:** Can we include pictures, charts, graph's?

Answer: Yes, but we have a limitation on receiving files. Our system can only accept files under 2MB.

14. **Question:** Our Statement of Interest files are very large. Can we break up the file and send in multiple e-mails?

Answer: Yes, but first look at why it's so large. Is everything scanned; are large picture files included, etc. Converting existing files to Adobe and limiting graphics can reduce the size of a file significantly.

As stated in the E-mail Instructions,
Complete the word documents then convert them to the Adobe PDF for submittal. The size limitation on an incoming e-mail to IDOT is **2 MB**. If you exceed this limit, you must separate contents into multiple e-mails. Identify the number of e-mails being sent, (i.e. 1 of 3). Scanned images, color graphics, and photographs, which are converted to Adobe Portable Document Files (PDF) files, can become very large, use sparingly if at all.

15. **Question:** Our firm wants to do a joint venture (JV). Does IDOT have a JV agreement form?

Answer: No, IDOT does not have a form. It is up to the Consultants entering into a JV to submit the JV agreement as part of the Statement of Interest. See recurring notice "**NOTICE FOR JOINT VENTURE"**

16. **Question:** What are common errors made by consultants when submitting a Statement of Interest?

Answer: Waiting until the last minute to complete the Statements of Interest and using old SOI's with no quality control check.

Required forms and typical problems	
Document	**Problem(s)**
Current Obligations Example attached BDE CUR-OB	(wrong form, addition errors, $'s not included for latest selection information, Construction Inspection work more than total work shown) (review instructions)

Required forms and typical problems continued	
Document	**Problem(s)**
Delinquent Debt Example attached BDE 3000	(not signed/dated, subconsultants not included, doesn't match first page, i.e. prime has sub working on item 2 and 4, sub lists working on 2 and 6)
Disclosure DISC 2	(not signed/dated, only partial submittal, missing form B, or no disclosure included) Disclosures **NOT UPDATED** WHICH CAUSES DELAYS. IDOT is unable to authorize the firm to do work if disclosure is not clear.
Exhibit A Example attached BDE XHBT-A	(nothing in footer to indicate which form used, old form used, not signed/dated, city not indicated, DBE and work they are performing are not listed all requested personnel in advertisement not included.
Exhibit B BDE XHBT-B	(not included, nothing in footer to indicate which form used, old form used although new revised date shown in footer) Personnel listed did not match SEFC Environmental Staffing plan)
Iran Disclosure Example attached BDE 2900	(not signed/dated or included)
Miscellaneous	(Late, partial submittal, sent to wrong e-mail address, etc.)

NEW:
The forms for Current Obligations, Delinquent Debt, Exhibit A, and the Iran Disclosures have been completed and are attached as examples of how to correctly fill out for submittal.

NOTICE

Change in Invoice Forms
Effective June 4, 2009

The invoice forms are available on the IDOT web site under Doing Business, Consultant Services, Consultant Forms at: http://www.dot.il.gov/desenv/consult.html

The new invoice forms were developed by a joint committee made up of ACEC members and IDOT personnel. Thanks to everyone that helped in the development of these forms.

Frequently asked questions regarding the invoices are located at http://www.dot.il.gov/desenv/FAQ.html

Additional questions can be directed to Cheryl Cathey, Cheryl.Cathey@illinois.gov

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

Construction Guides
and
Manuals – Memorandums

The Department's Construction Guides, Manuals and Memorandum are available on our web-site at the following address: http://www.dot.il.gov/dobuisns.html.

The Manual Sales Order Form is also available at the following address: 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. Any questions on prequalification, please contact Cheryl Cathey.

“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 ELECTRONIC SIGNATURES

In order for us to verify your scanned in signature (on cover letters, Exhibit A, Disclosure Forms A and B, and Delinquent Payment Form) we request that you complete the Signature Certification for Electronic Submittals form and submit it to us in **hard-copy** immediately. A signature certification form must be completed for each individual that will be signing any of the above mentioned documents. **If you have previously submitted your Signature Certification and no new individual will be signing the documents you are not required to re-submit the document.**

Send Submittal to:
Illinois Department of Transportation
Ms. Cheryl Cathey
Bureau of Design and Environment
Attn: Consultant Unit (Room 330)
2300 South Dirksen Parkway
Springfield, IL 62764

If you have questions, please contact Carrie Kowalski at: Carrie.Kowalski@illinois.gov

Signature Certification for Electronic Submittal

Signature Certification For Electronic Submittals

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

_____ _____ _____

(Firm) (Signature) (Title)

STATE OF _____

COUNTY OF _____ I, _____

a Notary Public in and for the County and State aforesaid, DO HEREBY CERTIFY that

_____

known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (he/she) signed, sealed and delivered the said instrument as a free and voluntary act, for the uses and purposes therein set forth.

GIVEN under my hand and Notary Seal this _____ day of _____A.D. _____.

_____

NOTARY PUBLIC

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 www.state.il.us/dhr/ or may also be obtained by contacting:

DHR, Public Contracts Section
Public Contracts Division
100 W. Randolph,
Suite 10-100
Chicago, IL 60601

or by calling: 312-814-2432 (TDD 312-263-1579)

NOTE: An IDHR public contract number is not required if the firm employs fewer than 15 employees.

NOTICE FOR JOINT VENTURE

Statements submitted by Joint Ventures will be considered. 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 firm's 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.

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 firm
- the firm responsible for each prequalification category
- each individual firm's work left, disclosure forms and delinquent dept forms.
- the firm responsible for invoicing
- One Exhibit A plus other required documents specified in the PTB combining the information for all firms. (Indicate personnel name and firm name on exhibit A for key staff)

EXHIBIT A EXAMPLE:

Name Required Prequalification Category :
Location Drainage

*Name Mr. John Smith (ABC Engineering Assoc.)

Category PE (PE, SE, LS)
Registration # 62012345
Year Registered 1995 State IL
Office Location:
City Chicago State IL

A firm planning to submit a Statements of Interest as a joint venture is required to contact the department for a new Statements of Interest Code. Contact Carrie Kowalski by e-mail at Carrie.Kowalski@illinois.gov. The code is required so that the joint venture proposal is recognized as a joint venture.

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
February 7, 2008

Revised Sub-Consultants Formula

FORMULA FOR COST PLUS FIXED FEE METHOD OF COMPENSATION

Effective on projects advertised in PTB 144 (April 5, 2007) and for all supplemental agreements received on or after June 13, 2007 the fee portion of the Cost-Plus-Fixed-Fee method of compensation will change. The compensation for this method will be:

Compensation = DL+DC+OH+FF

Where FF:

For Prime Agreements is:
(0.37+ R)DL+%DL

When % is:
1 or 2 sub-consultants = 10% of Direct Labor (DL) of Subs
3 or 4 sub-consultants = 12% of Direct Labor (DL) of Subs
5 or more sub-consultants = 15% of Direct Labor (DL) of Subs

Sub-Consultants
(0.37 + R)DL

Where:
R= Complexity Factor: 0, 0.035, or 0.07
DL = Direct Labor
DC= Direct Cost
OH= Overhead Rate

NOTICE
Construction and Quality Assurance Consultants
S 33- Geotechnical Field Testing and Inspection Class

Professional Transportation Bulletin 117 included a notice that S 33 is a required class for technicians performing soil tests on construction projects. This includes consultant personnel providing Construction Inspection or Quality Assurance Testing on Department projects. The Department will schedule sessions of this class after determining the demand. Below is a description of the class and sign-up information.

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

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

Course Length:
Two Days, including written examination.

Cost:
There is no cost to consultants.

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

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

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

Brad Risinger
IDOT- Technical Training Unit
313 Hanley Building
2300 S. Dirksen Parkway
Springfield, IL 62764
217 782-0128
FAX 217 524-7260
Brad.Risinger@illinois.gov

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