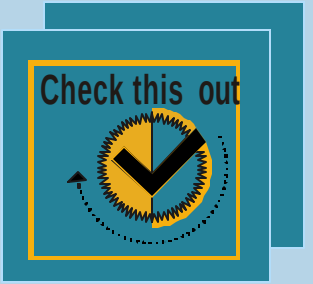
Professional Transportation Bulletin

PTB 150

November 13, 2008

Statements of Interest are due by 12:00 p.m.
on December 04, 2008
Selection Date: January 28, 2009



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

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: November 13, 2008

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

REVISION DATE: There are no revisions as of November 13, 2008.

State Of Illinois
Notice For 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
Room 330
Springfield, IL 62764

Tentative Schedule
For
Professional
Transportation Bulletins

ACTIVITY	PTB 151	PTB 152	PTB 153	PTB 154	PTB 155	PTB 156
PUBLISH PTB	**02/05/09**	**05/07/09**	**08/06/09**	**11/05/09**	**02/04/10**	**05/06/10**
***STATEMENTS OF INTEREST ARE DUE	**02/26/09**	**05/28/09**	**08/27/09**	**11/26/09**	**02/25/10**	**05/27/10**
SELECTION MEETING	**04/22/09**	**07/22/09**	**10/21/09**	**01/20/10**	**04/21/10**	**07/21/10**

***** STATEMENTS OF INTEREST MUST BE RECEIVED BY 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

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 which 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 like 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 135, 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 147, 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)

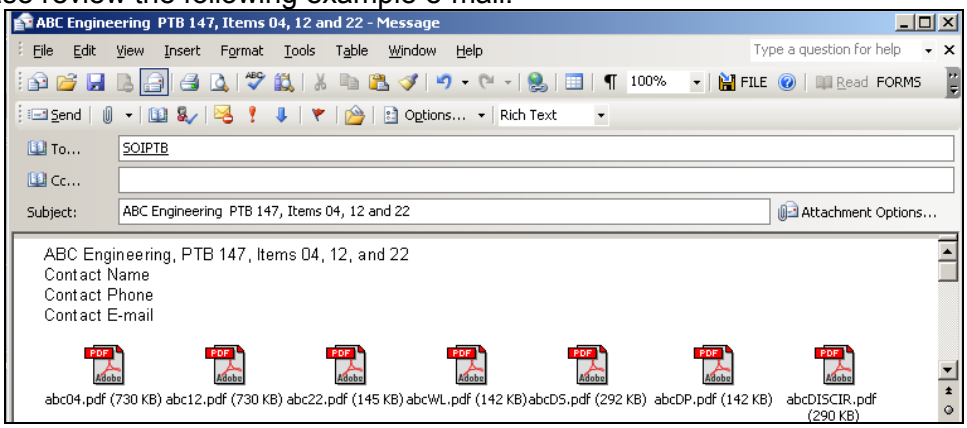
  3. For your firm's Disclosure Forms, use your 2-6 character Firm Name Code, followed by DS.
     (Example: ABCDS.pdf)

  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)

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

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.
- 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.
- 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.

The Exhibits (A & B), Current Obligations, Disclosure Forms A & B, Delinquent Dept Certification & Disclosure Business in Iran are available as word 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

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

NOTICE

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

Consultant Services

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

Link for negotiation information

- **Region 1**
  - **Diane O'Keefe**
  - **District One**
    - **Items 1 - 17**

- **Region 2**
  - **George Ryan**
  - **District 2**
    - **Items 18 - 21**
  - **District 3**
    - **Item 22**

- **Region 3**
  - **Joseph Crowe**
  - **District 4**
    - **Items 23 - 26**
  - **District 5**
    - **Item 27**

- **Region 4**
- **Roger Driskell**
  - **District 6**
    - **Items 28 - 31**

- **Region 5**
- **Mary Lamie**
  - **District 8**
    - **Item 32 -34**

- **Bureau Of Bridges & Structures**
  - **Ralph Anderson**
- **Items 35- 36**

- **Bureau Of Materials & Physical Research**
- **David Lippert**
  - **Items 37 - 40**

- **Bureau Design & Environment**
- **Eric Harm**
  - **Item 41 - 42**

- **Bureau of Construction**
  - **Mike Renner**
    - **Item 43-44**

- **Bureau of Operations**
  - **Joseph Hill**
    - **Items 45- 47**

NOTICE

FOR CLARIFICATION OF

STATEMENTS OF INTEREST REQUIREMENTS

Posted 11-13-08

We are receiving Statements of Interest with the same person doing the work and then performing the Quality Control/Quality Assurance on the same work. The Quality Control/Quality Assurance personnel on the Exhibit A should not be the same personnel that are preparing the data. If the prime firm does not have the personnel to cover the QC/QA then a subconsultant prequalified in the category may be used.

The highlighted sections have been added to the Guidelines in the Professional Transportation Bulletin and to the advertisements.

5) Complete Exhibit A as follows: (This should follow the Table of Contents in the SOI)

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 a subconsultant.

b) QC/QA personnel must be different individuals than the staffing, which prepared the documents.

Also, in an effort to clarify prequalification requirements in the Professional Transportation Bulletin advertisements the following has been included:

The advertisement will now state:

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

For the requirements of personnel on Exhibit A, it will state:

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)

NOTICE
FOR
REVISED CURRENT OBLIGATIONS FORM
OCTOBER 10-01-08

The main content of the obligations form has not been changed.

The current obligation form was a Microsoft word document and has been revised to be a Microsoft Excel spread sheet.

The instructions are set up as a separate worksheet and may be viewed by clicking the tab on the bottom.

The current obligations are now two sheets. The third sheet, "Current Obligations for the Illinois Department of Transportation That Your Firm Has Subcontracted," was deleted.

NOTICE
ALLOWABLE DIRECT COSTS

The allowable direct costs will be effective November 1, 2008.

Changes are highlighted in yellow

The following costs are allowable when requested by the Department and included in the contract. The costs are allowable when it is customary for the firm to bill for the cost and it can be itemized in the firm's billing and accounting systems.

Per Diem	State Rate (Maximum)
Lodging	State Rate (Maximum)
Air Fare	Coach rate with 2 weeks' notice as approved
Vehicles	
Mileage	State travel rate* maximum
Daily Rate (owned or leased the same)	$45 /day
Overtime	Premium portion
Tolls	Actual Cost
photo processing	Actual Cost
Cell phones-ONLY traffic counting and survey tasks	$70/month/phone (Maximum)
Overnight Delivery/Postage Courier Service	Actual Cost
Copies of Deliverables and Mylars	Actual Cost
Specific insurance – required for project	Actual Cost
CADD	Actual Cost (Maximum of $15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Renderings & AV equipment/transcriptions	Actual Cost
Recording fees	Actual Cost
Courthouse fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
**Equipment rental specific for a project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
**Specialized equipment – on an as needed basis with prior approval from IDOT's Central Office, Bureau of Design and Environment	Actual Cost
Traffic Systems Mobile Phone (for traffic system implementation) Telephone Usage (for traffic system monitoring)	Actual Cost
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography and mapping	Actual Cost
Utility exploratory trenching	Actual Cost

- Travel reimbursed according to CMS Travel Policy. Website for State Travel rates http://www.state.il.us/cms/2_servicese_oth/trvlguid.htm
- ** Items must be specifically listed in the agreement
- Equipment Rental must have 2-3 quotes and have prior approval from IDOT's Central Office Bureau of Design and Environment.

ALLOWABLE DIRECT COSTS-Continued

PHASE III

Phase III Communications:

Cell Phones (maximum of 3 without additional approval. Personal phones that do not remain on the job site are not allowable)	$70/month/phone (Maximum)
radio communication	Actual cost
2-way radio	Actual Cost
Vehicles (Only for Vehicles assigned to project) DAILY RATE ONLY	$45/day
The number of days will be calculated as follows: For extended stay ***- Number of days on job site plus one day to travel to and from job site Weekly (hotel) –Number of days on job site plus one day to travel to and from job site per week.	
Shift Differential	Actual cost based on firm policy

***Extended Stay Status applies to individuals on the project over 20 consecutive working days. The decision whether individuals will stay over the week-end will be made after the Contractor's schedule is available and shall be made jointly by the Consultant Liaison and the IDOT Resident.

NOTES:

For Construction inspection contracts beam and cylinder breaks are not reimbursable. Overtime to employees traveling to and from the site will be allowable depending on the firm's policy and limited to the Department's policy (see Departmental Order 4-1).

FREQUENTLY ASKED QUESTIONS

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:** Where are the latest forms?

   Answer: In the Professional Transportation Bulletin there is a bookmark titled Forms, which links to the website, a link in the Guidelines, and a link in the E-mail Instructions. Link: http://www.dot.il.gov/desenv/deform.html

3. **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.

4. **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, 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."

   OR

   - Complete the word file, convert to adobe, and then insert the file in to your already converted PDF Statement of Interest.

5. **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.

6. **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 for 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

7. **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.

8. **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, socio-economics 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.

9. **Question:** The Advertisement state 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 Reconstruction and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) require completion of **Exhibit B**. The request in the advertisement for Exhibit B is done as a courtesy.

10. **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.

11. **Question:** Can we include pictures, charts, graph's?

    Answer: Yes, but we have a limitation on receiving files. We can only accept files under 2MB.

12. **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.

13. **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"**

14. **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.

Document	**Problem(s)**
Current Obligations	(wrong form, addition errors, $'s not included for latest selection information, Construction Inspection work more than total work shown) (review instructions)
Delinquent Debt	(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	(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	(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	(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 Env. Staffing plan)
Iran Disclosure	(not signed/dated or included)
Miscellaneous	(Late, partial submittal, sent to wrong e-mail address, etc.)

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #150
Publish Date November 13, 2008

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.

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 ADDRESS AND IF APPLICABLE, THE APPROPRIATE DISTRICT ENGINEER OR BUREAU CHIEF PRIOR TO 12:00 P.M. LOCAL TIME, December 04, 2008. 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 not be longer than 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.

6) Projects involving Location Design Studies (Reconstruction/Major Reconstruction 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.

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**.

Guidelines for Submitting Statements of Interest (SOI)

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
Ms. Cheryl Cathey
Bureau of Design and Environment
Attn: Consultant Unit (Room 330)
2300 South Dirksen Parkway
Springfield, Illinois 62764

If 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

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

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	
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	11/06
BDE XHBT-B	Consultant Exhibits B	4/1/08
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

TABLE OF CONTENTS
PTB 150

Item #	County	Description
Region 1/District 1		
1.	Will	Phase I/II services for I-80 from Grundy County Line to US 30
2.	Will	Phase I services for I-55 at Weber Road.
3.	Various	Phase III services.
4.	Various	Phase III services.
5.	Various	Phase I services for bridges.
6.	Various	Phase I services for bridges.
7.	Various	Phase I services for bridges.
8.	Various	Phase I services for roadways.
9.	Cook	Land Surveying for parcels along I-57 and I-294.
10	Various	Phase I services for roadways.
11	Various	Traffic Data Collection.
12	Various	Phase I services for drainage studies and hydraulic reports.
13	Various	Phase II services for traffic signal projects.
14	Various	Phase II services for Traffic Signal Coordination and Timing (SCAT) projects.
15	Various	Phase III services for Bureau of Maintenance for expressways and arterial routes.
16	Various	Geotechnical investigation projects
17	Various	Quality Assurance projects
Region 2/District 2		
18	Various	Phase III services.
19	Various	Phase III services.
20	Various	Phase III services.

Item #	County	Description
Region 2/District 2 Continued		
21	Carroll & Whiteside	Phase I/II Engineering Services for Structure Removal and Replacement on US 52/IL 64, IL 40, and IL 172,
Region 2/District 3		
22	Various	Phase III services.
Region 3/District 4		
23	Various	Phase III services.
24	Various	Phase I/II services for structure projects.
25	Various	Phase I/II services for structure projects.
26	Peoria	Phase I/II for Structure on IL 8 over the Burlington Northern Railroad at Edwards.
Region 3/District 5		
27	McLean	Phase II services for roadway and structure from I-55 over I-55 Business to I-55 over I-74.
Region 4/District 6		
28	Various	Phase I/II services
29	Various	Phase I/II services
30	Various	Phase I/II services
31	Various	Phase I/II services
Region 5/District 8		
32	Madison	Phase II for Structure on I-270 over Mississippi River, 2.1 miles West of IL 3.
33	Various	Subsurface Utility Engineering (SUE) projects
34	Various	Phase III services

Item #	County	Description
Bureau Bridges & Structures		
35	Various	Structural Steel Shop Fabrication Inspection Statewide
36	Various	Structural Steel Shop Fabrication Inspection Statewide
Bureau Materials and Research		
37	Various	Materials Inspector for Bureau's Chemical Test Unit to inspect manufacturing facilities
38	Various	Technical services to perform specific gravity testing on aggregate
39	Various	Technical services to perform non-destructive pavement testing
40	Various	Technical services for pavement monitoring and reporting
Bureau Design & Environment		
41	Various	Statewide waste assessment investigations
42	Various	Photogrammetry for southern portion of state
Bureau Construction		
43	Various	Construction inspection with emphasis on NPDES compliance
44	Various	Erosion Control and Storm water Quality Field Guide for use by Construction Inspectors with an emphasis on NPDES Compliance and storm water management.
Bureau Operations		
45	Various	Traffic Signal Coordination and Timing (SCAT) in Districts Two, Three, Four, and Five
46	Various	Traffic Signal Coordination and Timing (SCAT) in Districts Six, Seven, Eight, and Nine,
47	Various	Statewide sign structure inspection statewide

1. **Job No. P-91-185-09, Phase I/II, I-80 from Grundy County Line to US 30, Will County, Region One/District One.**

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

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 4, 2009** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I/II engineering services are required to perform all work associated with the preparation of a preliminary engineering and environmental study (anticipated to be a Categorical Exclusion/Project Report) and preparation of contract plans, specifications and estimates for the rehabilitation of I-80 from the Grundy County Line to US 30, a distance of approximately 15 miles. All work for this project will be in English units.

Phase I may include evaluating the geometrics for safety, preparing complete inspections and reports for the mainline bridges (including truss bridges), data collection, preparation of base maps and mosaics, ground survey, crash analysis, traffic studies including Intersection and Interchange Design Studies, traffic maintenance analysis, drainage studies, cost estimates and all other work necessary to complete Phase I.

Phase II work may include roadway and interstate rehabilitation plan preparation, structure work (including bridge rehabilitation and/or reconstruction), intersection improvements and geometric modifications, addition of lighting or lighting improvements, signing improvements, pavements markings, drainage improvements, surveillance items, geotechnical studies and any other work required to complete the project. There may be several stages of work and multiple construction contracts required to complete the contract.

The department will make available to the Consultant microfilm data, right-of-way information (as available), crash data, utility coordination and correspondence, archaeological, historical, biological, and special waste survey and coordination data.

The estimated construction cost for this project is $140,000,000. The completion date for Phase I will be 18 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. Phase II work must be completed within 18 months after 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 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). 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.

- 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: Complex)
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.

2. <u>Job No. P-91-186-09, Phase I, I- 55 at Weber Rd, Will 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 **February 3, 2009** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services are required for all work associated with the preparation of a preliminary engineering and environmental studies (anticipated to be a Combined Design Report and Environmental Assessment) for the improvement of I-55 at Weber Road. The work for the project may include reconfiguration of the interchange and improvements to both I- 55 and Weber Road. All work for this project will be in English units.

The Consultant's work may include data collection, traffic counts, development of traffic projections, complete ground survey, preparation of aerial mosaics, accident analysis, alternate geometric studies, construction cost estimates, interchange and intersection design studies, bridge inspections and reports, traffic maintenance and all other work necessary to complete Phase I. Public involvement will be achieved following the department's Context Sensitive Solutions (CSS) policy.

The department will make available to the Consultant microfilm plans, existing right-of-way data (as available), crash data, utility coordination, and correspondence, archeological, historical, biological, and special waste survey and coordination.

The estimated construction cost for this project is $60,000,000. The completion date for this project will be 48 months after authorization to proceed.

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

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

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

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

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

The prime Consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all 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.

3. **Job No. C-91-189-09: Phase III Various Projects, Various Routes, Various Counties, Region One/District One.**

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

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 **February 6, 2009** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase III engineering services are required to assist department resident engineers and/or technicians on various construction projects throughout District One. Two to four engineers and/or engineering technicians are anticipated to be required during the 2009 and 2010 construction seasons. Typical assignments would include, but are not limited to, general construction inspection and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting and providing general assistance as a member of a field crew. Survey/layout services may be required. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. This work may be in either English or metric units.

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

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

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

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

This work must be completed within 18 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 18 months.

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

- Project Manager

- 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**)

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

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

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

4. <u>Job No. C-91-190-09: Phase III Various Projects, Various Routes, Various Counties, Region One/District One.</u>

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

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 **February 6, 2009** at **2:00 P.M.** at the Region One, District One Office in **Schaumburg.**

Phase III engineering services are required to assist department resident engineers and/or technicians on various construction projects throughout District One. Two to four engineers and/or engineering technicians are anticipated to be required during the 2009 and 2010 construction seasons. Typical assignments may include, but are not limited to, general construction inspection and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting and providing general assistance as a member of a field crew. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. Survey and layout services may be required. This work may be in either English or metric units.

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

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

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

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

This work must be completed within 18 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 18 months.

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

- Project Manager

- 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**)

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

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

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

5. **Job No. P-91-182-09 Phase I Services for Various Bridges, Various Counties, Region One/District One.**

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of 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 meeting on **February 5, 2009** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services are required to perform all work associated with the preparation of preliminary engineering and environmental studies (anticipated to be Categorical Exclusion/Project Reports) for the rehabilitation or reconstruction of up to five bridges which may include or be similar to those listed below. All work for this project will be in English units.

Phase I may include preparing complete bridge inspections and reports, data collection, preparation of base maps and mosaics, ground survey, crash analysis, traffic studies, traffic maintenance analysis, drainage studies, cost estimates and all other work necessary to complete Phase I.

The following structures are anticipated to be included in this project:

- S.N. 056-0072 IL 176 over drainage ditch east of IL 23, McHenry County
- S.N. 049-0062 IL 132 over Des Plaines River, Lake County
- S.N. 016-0587 I-55 over County Line Road, Cook County
- S.N. 016-0936 IL 83/US 6 (Torrence Ave.) over Little Cal River, Cook County
- S.N. 016-2009 Wolf Rd. over Wellers Creek, Cook County

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

The cumulative construction value of these projects is estimated to be in excess of $14,000,000. The completion date for this project will be 18 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the 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). 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 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 pre-qualified in the following categories to be considered for this project:

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.

6. <u>Job No. P-91-183-09, Phase I, Various Bridges, Various Counties, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** method of 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 meeting on **February 6, 2009** at **9:00 a.m.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services are required to perform all work associated with the preparation of preliminary engineering and environmental studies (anticipated to be Categorical Exclusion/Project Reports) for the rehabilitation or reconstruction of up to seven bridges which may include or be similar to those listed below. All work for this project will be in English units.

Phase I may include, but is not limited to, preparing complete bridge inspections and reports, data collection, preparation of base maps and mosaics, ground survey, crash analysis, traffic studies, traffic maintenance analysis, drainage studies, cost estimates, and all other work necessary to complete Phase I.

The following structures are anticipated to be included in this project:

- S.N. 049-0087 IL 43 at US 41, Lake County
- S.N. 099-0148 US 6 over Marley Creek, Cook County
- S.N. 099-0149 US 6 over Marley Creek, Cook County
- S.N. 016-0362 Rand Rd. over Des Plaines River, Cook County
- S.N. 016-2843 US 6 over Midlothian Creek, Cook County
- S.N. 016-0726 Harts Rd. over North Branch Chicago River, Cook County
- S.N. 016-0680 Wolf Rd. over Palatine Rd., Cook County

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

The cumulative construction value of these projects is estimated to be in excess of $13,000,000. The completion date for this project will be 18 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the 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). 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 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:

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.

7. <u>Job No. P-91-184-09, Phase I, Various Bridges, Various Counties, Region One/District One.</u>

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

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 9, 2009** at **1:00 p.m.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services are required to perform all work associated with the preparation of preliminary engineering and environmental studies (anticipated to be Categorical Exclusion/Project Reports) for the rehabilitation or reconstruction of up to three bridges which may include or be similar to those listed below (which include truss bridges). All work for this project will be in English units.

Phase I may include, but is not limited to, preparing complete bridge inspections and reports, data collection, preparation of base maps and mosaics, ground survey, crash analysis, traffic studies, traffic maintenance analysis, drainage studies, cost estimates and all other work necessary to complete Phase I.

The following structures may be included in this project:

- S.N. 016-0934 Torrence Ave. over Grand Calumet River, Cook County
- S.N. 016-0777 Western Ave. over the Cal-Sag Channel, Cook County
- S.N. 016-0540 Willow Springs Rd. over Des Plaines River, Cook County

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

The cumulative construction value of these projects is estimated to be in excess of $12,000,000. The completion date for this project will be 18 months after authorization to proceed

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the 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). 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 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:

Structures (Highway: Complex)
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.

8. Job No. P-91-146-09, Phase I Studies for Various Projects, Various Routes, Various Counties, Region One/District One.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** 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 an initial meeting on **January 30, 2009 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services are required to perform all work associated with the preparation of preliminary engineering and environmental studies (anticipated to be Categorical Exclusion/Project Reports) for the improvement of approximately 7 locations. All work for this project will be in English units.

The following are the anticipated locations:

- US 20, Oak Ave. to Park Blvd., DuPage County
- IL 53 at New River Rd., Will County
- IL 53 at Laraway Rd., Will County
- IL 53/68 (Dundee Rd.), US 12 to Kennedy Dr., Cook County
- IL 58 at Shales Parkway/ Countryfield Lane, Cook County
- IL 171 at 104th Ave./ Willow Springs Rd., Cook County
- Wolf Rd. at 183rd St., Cook County

The Consultant's work may include, but is not limited to, data collection, preparation of base maps and mosaics, geometric studies, safety studies including accident analysis, capacity analysis including intersection design studies, Categorical Exclusion Reports, drainage studies including Hydraulic Reports, cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks.

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

The cumulative cost of construction of these projects is anticipated to be in excess of $7,000,000. The completion date for this contract will be 18 months after authorization to proceed.

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

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

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

- The person who will perform/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 prime firm must be prequalified in the following categories to be considered for this project:

Location/Design Studies (Rehabilitation)
Special Studies (Safety)

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

9. Job No. R-90-004-09, I-57 and I-294, Land Surveys, Cook County, District One.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** 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 selected for this project is scheduled to attend an initial meeting on **January 30, 2009** at **10:30 am** at the District One Office in **Schaumburg.**

Phase II engineering services are required for Land Surveying services to prepare Land Acquisition documents for approximately 275 parcels along I-57 and I-294 in Cook County. 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, proposed right-of-way requirements.

The Consultant's work is anticipated to include field and office resources to prepare a statutory Plat of Highway, legal descriptions, and field staking of same. 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 wok document (must be an Illinois Licensed Professional Land Surveyor).

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

10. <u>Job No. P-91-147-09, Phase I Studies for Various Projects, Various Routes, Various Counties, Region One, District One.</u>

This project will utilize the **Cost Plus Fixed Fee (CPFF)** 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 an initial meeting on **February 2, 2009 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services are required to perform all work associated with the preparation of preliminary engineering and environmental studies (anticipated to be Categorical Exclusion/Project Reports) for the improvement of approximately 10 locations. All work for this project will be in English units.

The following are the anticipated locations:

- I-290/IL 53 at Biesterfield Rd., Cook County
- US 12/45 at Lawrence Ave., Cook County
- US 12/IL 59 at Bonner Rd., Lake County
- US 14 at Kelsey Rd., Lake County
- US 45 at Gages Lake Rd., Lake County
- IL 19 at Barrington Rd., Cook County
- IL 59 at US 20, Cook County
- IL 59 at North Aurora Rd., DuPage County
- IL 176 at Fairfield Rd., Lake County
- IL 137 at O'Plaine Rd., Lake County

The Consultant's work may include, but is not limited to, data collection, preparation of base maps and mosaics, geometric studies, safety studies including accident analysis, capacity analysis including intersection design studies, Categorical Exclusion Reports, drainage studies including Hydraulic Reports, cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks.

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

The cumulative cost of construction of these projects is anticipated to be in excess of $7,000,000. The completion date for this project will be 18 months after authorization to proceed.

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

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

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

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). Location Drainage prequalification category requirement may be completed by the Sub and/or Prime.

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

Location/Design Studies (Rehabilitation)
Special Studies (Traffic)

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. P-91-095-09, Various Traffic Data Collection. 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 **February, 09, 2009** at **9:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase I engineering services required for collection of manual 12 hour intersection traffic counts and other related traffic data collection as well as, special traffic studies including but not limited to OD and Occupancy and special category studies. This work will be monitored by District One's Bureau of Programming – Data Bank Unit. 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 maps of count locations and type of study needed.

The Consultant's Statement of Interest must demonstrate a thorough knowledge of traffic counting principles and the capability of furnishing equipment as well as personnel to accomplish this work effort. Raw intersection traffic count data will be provided to the department in both electronic and hard copy formats as required.

This work must be completed within 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(s) who will be directly performing the required work

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

Statements of Interest, including resumes of the 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. Job No. P-91-181-09, Various Phase-I Engineering for Drainage Studies and Hydraulic Reports, 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 **0.003**.

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 **February 11, 2009** 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 may 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.

13. <u>Job No. D-91-191-09, Phase II Various Traffic Signal Projects, 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 **February 4, 2009** at **9:00 A.M.** at the Region One/District One Office in **Schaumburg.**

Phase II engineering services are required for all work associated with the complete preparation of plans, special provisions and estimates for traffic signal projects throughout District One. The proposed projects may consist of installation of new traffic signals, modifications and modernization of existing traffic signal systems, including temporary signal and system interconnect design. Project work includes site inspections, field measurements, performing all design functions and calculations, including time space diagrams where traffic signals will be interconnected. Traffic signal design shall conform to current issues of the following: State Standard Specifications, MUTCD for streets and highways, and all applicable NEC, NEMA, AASHTO, FHWA and District 1 Standards and Guidelines. Work order under the blanket agreement will be negotiated and authorized by the department on an as needed basis. Work for this project may be in English or metric units.

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

The estimated construction cost for these projects may range from $50,000 to $1,000,000. 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 18 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 duties of Traffic Signal Engineer, that individual who is directly involved in traffic signal design, modification and modernization. The Traffic Signal Engineer shall have working knowledge and extensive experience in traffic signal design and operation in IDOT Region One/District One (must be an Illinois Licensed Professional Engineer).

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer). This person shall not be listed as performing any other key personnel duties.

Statement of Interest must also include the Consultant's relevant traffic signal projects completed by the firm for IDOT Region One/District One within the past four years by members of the Consultant's current key personnel staff as listed above.

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

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

14. <u>Job No. D-91-194-09, Phase II Various Traffic Signal Coordination and Timing (SCAT) Projects, 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 **February 4, 2009** at **10:00 A.M.** at the Region One/District One Office in **Schaumburg.**

Phase II engineering services are required to assist the Traffic Signal Unit with timing operations and field inspection of traffic signal equipment throughout District One. Work may also require development of traffic signal coordination and timing at various closed-loop systems located in District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. Work for this project will be in English units

The department will furnish the Consultant with any available manuals, plans, and/or other available applicable information.

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

- Field observations of timing complaints
- Inspection of traffic equipment, as needed
- After a work order has been assigned, the Consultant shall have 2 weeks to implement a functional interim Time-of-Day operation program
- Data Collection – field collection of traffic counts, turning movements, signal phasing, signal timings, equipment inventory, and other data needed to quantify existing operating conditions and determine signal optimization alternatives
- Data analysis – Appropriate up-to-date computer models, such as Synchro, will be run on the database for each for the selected locations. Recommendations for optimal signal operations plans will be generated utilizing the existing signal equipment and equipment with minor recommended enhancements using the existing signal phasing and recommendation for improving signal phasing. Engineering judgment will be used to select the final plan to be recommended for implementation.
- Implementation – The approved Time-of-Day optimization plan will be placed in operation with any necessary fine-tuning adjustments. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation – A study of the effectiveness of the optimization plan will be conducted. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of carbon monoxide emissions. Recommendations for future enhancements to the

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

The completion date for this contract will be 24 months. The agreement with the Consultant will include an option for renewal by the department for an additional 18 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 necessary to prepare traffic signal coordination and timing optimization plans.

- The person who conducts the evaluation of the optimization plans.

- The person(s) who is (are) responsible for establishing parameters for traffic adjusted operation of closed-loop signal systems, the methodology used in establishing traffic adjusted optimization, and a listing of prior traffic adjusted programs recently implemented by the individual(s). The individual(s) must demonstrate through past optimization and the ability to set-up closed-loop traffic responsive system using both volume and occupancy settings. The individual(s) must demonstrate recent District One experience in the development of traffic signal coordination and timing, utilizing the District's standard traffic controllers Eagle and Econolite.

- The person who will perform the QC/QA review work (must be an Illinois Licensed Professional Engineer). This person shall not be listed as performing any other key personnel duties.

Statements of Interest must also include the Consultant's relevant traffic signal projects completed by the firm for IDOT Region One/District One within the past four years by members of the Consultant's current key personnel staff as listed above.

The prime firm must be prequalified in the **Special Plans [Signal Coordination and Timing (SCAT)]** category to be considered for this project.

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

15. <u>Job No. C-91-133-09, Phase III Various Projects, Bureau of Maintenance, Various Expressway and Arterial Routes, Various Counties, Region One/District One.</u>

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

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 **January 30, 2009** at **10:00 A.M.** at the Region One/District One Office in **Schaumburg.**

Phase III engineering services are required to assist the department's engineers, managers, and technicians on various expressway and arterial roadside maintenance and repair construction projects throughout District One. One to 2 engineers and 4 to 6 engineering technicians are anticipated to be required for day and nighttime work during the 2009 and 2010 construction seasons. Typical work assignments would include but are not limited to general roadway and roadside maintenance and repair construction inspection and documentation. Various work activities may consist of, but are not limited to, monitoring and adjusting work zone traffic control and site protection for quality control and monitoring and adjusting contractor work crew field activities for quality control. Various maintenance projects may consist of, but are not limited to, sweeping, guardrail repair, pedestrian barrier/fence repair, cable road guard repair, drainage repair, PCC & bituminous concrete pavement repair, curb & gutter repair, pavement marking/painting/reflectorization, sign repair, drainage, sign repair, surveying for existing damage, marking up existing damage, preparation of work orders, preparing and submitting any required documentation and providing general assistance as a member of a field crew. Survey/layout services may be required. Attendance may be required at project meetings as determined by the department. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. This work may be in either English or metric units.

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

The estimated construction cost of these projects may range from $150,000 to $6,000,000. 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.

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

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

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

- Project Manager
- Inspectors

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.

16. <u>Job No. D-91-192-09, Various Geotechnical Investigations, Various Routes, Various Counties, Region One/District One.</u>

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

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 **February 4, 2009** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase II engineering services are required for all work required for preparation of Roadway Geotechnical Reports (RGRs) and Structure Geotechnical Reports (SGRs) throughout District One. 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. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will furnish the Consultant with the available plans, historical data, and survey benchmarks necessary to perform the work. Plans may be either electronic or paper.

The Consultant's work includes all management, layout, provisions for traffic control, drilling, laboratory testing, analysis, drafting, and report preparation necessary for RGRs and SGRs or other projects as assigned. This work must be completed within 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.

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

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

Geotechnical Services (Subsurface Explorations)
Geotechnical Services (General Geotechnical Services)
Geotechnical Services (Structure Geotechnical Reports (SGR))

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. C-91-193-09, Various Quality Assurance Projects, 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 **0.003**.

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 **February 4, 2009** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg.**

Phase III engineering services are required to perform 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 may include structural steel and miscellaneous materials inspection throughout District One. The project includes Complete Quality Assurance Testing in accordance with The Standard Specifications for Road and Bridge Construction, Policy Memorandums 19-08, 25-08 and any appropriate contract special provisions and plan notes or details. 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 is expected to include 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. The Consultant will maintain records and submit documentation of QC and QA activities required construction contract and Policy Memorandum 19-08.

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

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

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

The prime firm must be prequalified in the **Special Service (Quality Assurance Complete)** 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.

18. <u>Job No. C-92-047-09, Various Phase III Projects, Various Routes, Various Counties, Region Two/ District Two.</u>

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

This project requires 12% 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 **February 3, 2009** at **10:30 A.M.** at the Region Two, District Two Office in **Dixon.**

Phase III engineering services are required to provide construction inspection for various projects in District Two. 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 provide sufficient staff to perform all of the engineering serviced required to complete these projects. The project may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project.

The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project.

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 estimated construction cost for this project is $2,500,000. The various projects are scheduled for construction during calendar years 2009 and 2010 construction seasons. The completion date for this project will be 30 months after authorization to proceed.

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

- The Liaison Engineer

- The Materials Coordinator

- 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 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. C-92-048-09, Various Phase III Projects, Various Routes, Various Counties, Region Two/ District Two.</u>

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

This project requires 12% 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 **February 3, 2009** at **1:30 A.M.** at the Region Two, District Two Office in **Dixon.**

Phase III engineering services are required to provide construction inspection for various projects in District Two. 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 provide sufficient staff to perform all of the engineering serviced required to complete these projects. The project may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project.

The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project.

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 estimated construction cost for this project is $2,500,000. The various projects are scheduled for construction during Calendar years 2009 and 2010 construction seasons. The completion date for this project will be 30 months after authorization to proceed.

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

- The Liaison Engineer

- The Materials Coordinator

- 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 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.

20. <u>Job No. C-92-049-09, Various Phase III Projects, Various Routes, Various Counties, Region Two/ District Two.</u>

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

This project requires 12% 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 **February 5, 2009** at **10:30 A.M.** at the Region Two, District Two Office in **Dixon.**

Phase III engineering services are required to provide construction inspection for various projects in District Two. 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 provide sufficient staff to perform all of the engineering serviced required to complete these projects. The project may include the inspection and documentation of pay quantities, on-site material testing, and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

The Consultant will assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

The department will furnish the Consultant with a Resident Engineer for the project, all necessary plans, specifications, related forms for record keeping.

The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project.

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 estimated construction cost for this project is $2,500,000. The various projects are scheduled for construction during Calendar years 2009 and 2010 construction seasons. The completion date for this project will be 30 months after authorization to proceed.

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

- The Liaison Engineer
- The Materials Coordinator

- 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 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.

21. Job No. P-92-008-08/D-92-008-08, P-92-009-08/D-92-009-08 and P-92-005-08/D-92-005-08, FAP 17 (US 52/IL 64), FAP 646 (IL 40) and FAS 200 (IL 172), Phase I/II Engineering Services for Structure Removal and Replacement, Carroll and Whiteside Counties, Region Two/District Two.

This project will utilize the **Cost Plus Fixed Fee (CPFF)** 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 **February 4, 2009,** at **10:00 A.M.** at the Region Two, District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of three Location/Design Reports and final contract plans for the removal and replacement of four structures. The first Location/Design report is for the removal and replacement of two structures located on US 52/IL 64 over Carroll Creek. The second Location/Design report is for the removal and replacement of a structure located on IL 40 over Otter Creek. The third Location/Design report is for the removal and replacement of a structure located on IL 172 over a county ditch. All work for this project will be in English units.

These projects may include preparation of Location/Design Report, traffic management analysis, cost estimate, cross sections, accident analysis, type, size and location drawings, proposed right-of-way plats, contract plans including roadway plans, drainage plans, and traffic signal plans; drainage system design; special details; special provisions; quantities and cost estimates; and field surveys as needed. It is anticipated these projects will be Categorical Exclusions.

The following structures are anticipated to be included in this project:

- S.N. 008-0029 – US 52/IL 64 over Carroll Creek, located 1.7 mi. E. of IL 78.
- S.N. 008-0030 – US 52/IL 64 over Carroll Creek, located 3.1 mi. E. of IL 78.
- S.N. 008-0014 – IL 40 over Otter Creek, located 1.3 mi. W. of Milledgeville.
- S.N. 098-0044 – IL 172 over a County Ditch, located 2.0 mi. N. of Tampico.

The department will furnish the Consultant with any available as-built/existing plans; microfilm plans; aerial survey; bridge condition reports, accident statistics, existing right-of-way plats; traffic data, soils boring data, and any other available information.

The estimated construction cost for this project is $4,660,000. The completion date for Phase I will be 15 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. Phase II work must be completed within 12 months after authorization to proceed with Phase II.

Key personnel listed on **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 land surveys (must be an Illinois Licensed Professional Surveyor). Land Surveys 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 Professional Surveyor). Route Surveys prequalification category requirement may be completed by Sub and/or Prime.

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

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

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

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

22. Job No. C-93-017-09, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Three

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 **January 30, 2009** 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, 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 project will be in English units.

The Consultant will be asked to furnish a registered IL PE or an approved technician to act as Resident Engineer (RE) 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 RE should be knowledgeable in the use of the department's documentation tracking system (ICORS).

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 will include an option for renewal by the department for an additional 24 months.

The Consultant may be required 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's staff. The Consultant may also be asked to provide trained technicians for Portland Cement Concrete testing on various projects. The technicians will provide their own gauge, bunker, transport box, concrete air meter, slump cone, concrete strength cylinder molds, cell phone, and vehicle. Consultants are required to have their own nuclear license and will not be covered by the department's license.

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.

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

- The Resident Engineer (with current IDOT Construction Documentation certificate, Include the Documentation Certificate Number for IDOT Class S-14, Documentation of Contract Quantities)

- Technician(s) certified to perform the Nuclear Density Testing
- QC/QA Level II Bituminous and Concrete Technician

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.

23. Job No. C-94-011-09, Various Phase III 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 negotiation meeting on **January 30, 2009** at **10:00 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, material testing, certification, documentation, and field inspection for roadway rehabilitation throughout District Four. The various types of jobs to be staffed by Consultants may be required to route and seal, patching, traffic signals, landscaping, milling and resurfacing and pavement marking. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

The Consultant 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 18 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 18 months.

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.

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

- The Resident Engineer(s)/Construction Inspector(s) (with current IDOT Construction Documentation certificate)

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

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

24. <u>Job No. D-94-012-09, Various Phase I/II Structure Projects, Various Routes, Various Counties, Region Three/District Four</u>

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 negotiation meeting on **January 30, 2009** at **9:00 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase I/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.

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. Also, 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 will also obtain survey data to prepare plats and legal descriptions for additional right-of-way, if required. The work required will also 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.

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform 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 (SGR) (must be an Illinois Licensed Professional Engineer). Structure Geotechnical Report prequalification category 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.

25. <u>Job No. D-94-013-09, Various Phase I/II Structure Projects, Various Routes, Various Counties, Region Three/District Four</u>

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 negotiation meeting on **February 3, 2009** at **9:00 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase I/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.

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. Also, 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 will also obtain survey data to prepare plats and legal descriptions for additional right-of-way, if required. The work required will also 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.

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

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

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

26. Job No. P-94-009-08, D-94-037-08: FAS 1388 (IL 8) Structure over Burlington Northern Railroad at Edwards in Peoria County, Region Three/District Four

This project will utilize 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 negotiation meeting on **February 3, 2009** at **1:30 P.M.** at the Region Three, District Four Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a Categorical Exclusion) and contract plans for the replacement of Structure Number 072-0049 on IL 8 over the Burlington Northern Railroad at Edwards.

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. Also, 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 will also obtain survey data to prepare plats and legal descriptions for additional right-of-way, if required. The work required will also 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.

The estimated construction cost for this project is $3,650,000. The completion date for Phase I work will be 24 months after the authorization to proceed. Phase II will be negotiated near the completion of Phase I. Phase II work must be completed with 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, 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 (SGR) (must be an Illinois Licensed Professional Engineer). Geotechnical Services (SGR) prequalification category 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 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 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 Structures: Advanced 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.

27. <u>Job No. D-95-040-06, FAI 55 (I-55), from I-55 over I-55 Business to I-55 over I-74, McLean County, Region Three/District Five.</u>

This project will utilize 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 negotiation meeting on **February 4, 2009** at **10:00 A.M.** at the Region Three/District Five Office in **Paris.**

Phase II engineering services are required for the preparation of structure and roadway plans and specifications for the replacement of the structure over I-55 Business and the structure over I-74. All work for this project will be in English Units.

The following structures are included in this project:

- S.N. 057-0004, I-55 (NB) over I-55 Business (SB)
- S.N. 057-0005, I-55 (NB) over I-74 (EB)

The Consultant's work is anticipated to include preparation of SGR'S, TS&L's, PDO's, pre-final and final structure and roadway construction plans, which include stage construction.

The department will furnish to the Consultant the Bridge Condition Report, available as-built construction plans, available surveys, and any other available information.

The estimated construction cost for this project is $5,500,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

28. <u>Job No. D-96-022-09; 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 **February 5, 2009** at **10:30 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 36 months after authorization to proceed.

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

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Surveys 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 Land Surveyor). Route Surveys 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:

Location Design Studies (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.

29. <u>Job No. D-96-023-09; 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 **February 3, 2009** 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.

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

The estimated construction costs of each project may range from $100,000 to $3,500,000. It is anticipated that this contract will include approximately 3 to 15 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The completion date for this contract will be 36 months after authorization to proceed.

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

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Surveys 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 Land Surveyor). Route Surveys 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:

Location Design Studies (Rehabilitation)
Highways (Freeways)
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.

30. <u>Job No. D-96-005-09; 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 **February 4, 2009** at **10:30 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 36 months after authorization to proceed.

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

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor). Land Surveys 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 Land Surveyor). Route Surveys 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:

Location Design Studies (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.

31. <u>Job No. D-96-006-09; 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 **February 3, 2009** 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 36 months after authorization to proceed.

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

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

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

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

Location Design Studies (Rehabilitation)
Highways (Freeways)
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.

32. Job No. D-98-064-07, FAI 270 (I-270), Structure over Mississippi River, 2.1 miles West of IL 3, Madison County, Region Five/District Eight.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2009** at **10:00 A.M.** at the Region Five/District Eight Office in **Collinsville.**

Phase II engineering services required for this project includes preparation of a Type, Size, and Location (TS&L), structure plans, specifications and cost and time estimate (PS&E) package for the anticipated repair work and bridge painting. All work for this project will be in English units.

The following structure is included in this project, S.N. 060-0035 (I-270 over Mississippi River)

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

The estimated construction cost for this project is $7,400,000. The completion date for this contract will be 18 months after authorization to proceed.

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

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

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

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

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

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

33. Job No. D-98-011-09, Various Subsurface Utility Engineering Projects, Various Routes, Various Counties, Region Five/District Eight.

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

This project requires 20% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **January 29, 2009,** at **9:30 A.M.** at the Region Five, District Eight Office in **Collinsville**.

Engineering services for subsurface utility engineering are required on various projects throughout District Eight for use primarily on Phase I/II projects. There may be projects during Phase III. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis.

This project includes providing the District with existing utility location information via written documents and electronic CADD files for the various projects that are assigned. This information shall be obtained by researching all utility company records, which have facilities in the area, and by performing actual field surveys to verify and map all existing utilities on the assigned project at the appropriate quality level. Field surveys are required to horizontally locate above ground utility features, including but not limited to poles, manholes, valve boxes, meters, utility designation markings, etc. The Consultant shall also determine the existence and approximate horizontal position of underground utilities through the application of appropriate surface geophysical methods (QL B data). The exact horizontal and vertical locations of underground utilities shall also be determined by actually physically locating them (exposing and surveying) at designated spots with the use of special boring/excavating equipment insured not to damage existing utilities (QL A data).

The department will furnish the Consultant with any available as-built plans and/or microfilm plans, survey field notes, alignment data, cross ties, design CADD files or benchmarks.

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 experienced in managing multiple subsurface utility engineering projects in urban environments).

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

- The person who will perform the work required for route surveying (must be experienced in survey of utility features and be an Illinois Licensed Land Surveyor and/or an Illinois Licensed Professional Engineer). Route Survey prequalification category may be completed by the Sub and/or Prime.

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

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

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

34. Job No. C-98-007-09, Phase III Various Projects, Construction Engineering for Various Projects, Various Counties, Region 5/District 8.

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 **February 3, 2009** at **1:00 P.M.** at the Region 5/District 8 office in **Collinsville.**

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

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

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

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

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

The estimated construction cost of these projects may range from $100,000 to $5,500,000. 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 2009 and 2010 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:

- The Liaison Engineer

- The Materials Coordinator/Proportioning Technician (include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection

- Nuclear Density Inspector (include appropriate QC/QA density training)

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

- The Materials QA Technician

- 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.

35. Job No. C-30-006-09, Structural Steel Shop Fabrication Inspection Statewide, Bureau of Bridges and Structures.

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 subconsultants the prime Consultant expects to employ are scheduled to attend a negotiation meeting on **February 2, 2009** at **10:00 A.M.** at the Central Bureau of Bridges and Structures office in **Springfield.**

Attachment A (following Advertisement, Item 36), showing Inspection Requirements, is enclosed for your consideration.
Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. If interested in providing these services for the department, please provide the following information:

1) Your firm's previous experience with this type of work and Illinois Department of Transportation (IDOT) specifications,
2) Names of key personnel along with one page resume indicating technical and managerial qualifications,
3) Availability of inspection personnel and your firm's anticipated workload during the next two years,
4) Branch office locations,
5) Your firm's calculated burden and overhead rate.

Since, the location and duration of projects to be covered by this contract are uncertain, we are providing the following estimated annual requirements:

Inspector Qualifications	Straight Time (Hours)	Overtime (Hours)
CWI and UT Level II (Shop)	50	10
CWI (Shop)	2000	100
Non CWI (Shop)	350	50
UT Level II (Field)	20	0
Inspection Manager (Site Meeting)	10	0

Services will also entail an estimated: 240 days of per diem and significant travel.

Each inspector is expected to be a member of the agency's inspection staff. The use of temporary personnel hired from the local area for inspection shall be prohibited unless approved by the department on a case-by-case basis.

The contract will be monitored and administered by the IDOT Bureau of Bridges and Structures. 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.

If you have any questions concerning the project, please contact the Shop Drawings and Fabrication Unit in the Bureau of Bridges and Structures at 217/782-3586. Procedural questions regarding Statements of Interest may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment's Consultant Unit at 217/782-6916.

Statement 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, **December 4, 2008,** to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov. Or send **two (2)** copies to:

Illinois Department of Transportation
Bureau of Design and Environment
Attn: Ms. Cheryl Cathey
Consultant Unit, Room 330,
2300 South Dirksen Parkway
Springfield, IL 62764.

36. Job No. C-30-007-09, Structural Steel Shop Fabrication Inspection Statewide, Bureau of Bridges and Structures

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 subconsultants the prime Consultant expects to employ are scheduled to attend a negotiation meeting on **February 2, 2009** at **11:00 P.M.** at the Central Bureau of Bridges and Structures office in **Springfield.**

Attachment A, showing Inspection Requirements, is enclosed for your consideration.
Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. If interested in providing these services for the department, please provide the following information:

1) Your firm's previous experience with this type of work and Illinois Department of Transportation (IDOT) specifications,
2) Names of key personnel along with one page resume indicating technical and managerial qualifications,
3) Availability of inspection personnel and your firm's anticipated workload during the next two years,
4) Branch office locations &
5) Your firm's calculated burden and overhead rate.

Since, the location and duration of projects to be covered by this contract are uncertain, we are providing the following estimated annual requirements:

Inspector Qualifications	Straight Time (Hours)	Overtime (Hours)
CWI and UT Level II (Shop)	50	10
CWI (Shop)	2000	100
Non CWI (Shop)	350	50
UT Level II (Field)	20	0
Inspection Manager (Site Meeting)	10	0

Services will also entail an estimated: 240 days of per diem and significant travel.

Each inspector is expected to be a member of the agency's inspection staff. The use of temporary personnel hired from the local area for inspection shall be prohibited unless approved by the department on a case-by-case basis.

The contract will be monitored and administered by the IDOT Bureau of Bridges and Structures. The completion date for this contract will be 12 months after authorization to proceed.

If you have any questions concerning the project, please contact the Shop Drawings and Fabrication Unit in the Bureau of Bridges and Structures at 217/782-3586. Procedural questions regarding Statements of Interest may be directed to Ms. Carrie Kowalski in the Bureau of Design and Environment's Consultant Unit at 217/782-6916.

Statement 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, **December 4, 2008,** to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov. Or send **two (2)** copies to:

Illinois Department of Transportation
Bureau of Design and Environment
Attn: Ms. Cheryl Cathey
Consultant Unit, Room 330
2300 South Dirksen Parkway
Springfield, IL 62764

ATTACHMENT A

INSPECTION REQUIRMENTS

SECTION I - INSPECTORS

Quality Assurance (QA) Inspectors shall be fully-trained employees of the CONSULTANT, experienced in the inspection of materials, workmanship and procedures involved in the work. The use of personnel temporarily hired for inspection shall be prohibited unless approved by the DEPARTMENT on a case-by-case basis. QA Inspectors may not be in any position of self-interest, direct or indirect, with the producers or processors of the work involved. The name and address of each inspector expected to be employed in this work shall be filed by the CONSULTANT with the DEPARTMENT, together with a brief summary of qualifications. When more than one inspector is assigned to a project, the CONSULTANT shall designate one as the lead inspector, who will assume the responsibility of coordinating the inspection effort and filing all reports in addition to inspection duties. The CONSULTANT shall not change inspectors on the project without prior notification to the DEPARTMENT. The DEPARTMENT shall have the right to order the removal of any inspector from the DEPARTMENT'S or for failure to perform to the satisfaction of the DEPARTMENT.

1. The inspectors shall personally make inspections and reports as required by the DEPARTMENT for quality assurance (QA) of fabrication on assigned projects. They shall perform special tests, examinations and re-inspections when required by the DEPARTMENT.

2. Each inspector shall be familiar with the approved shop drawings and DEPARTMENT standard specifications pertaining to the fabrication inspected, as well as applicable codes and specifications of the American Welding Society (AWS) and American Society for Nondestructive Testing (ASNT).

3. No variations from the approved shop drawings or the Contract documents shall be permitted by the inspector, except upon specific instructions by the DEPARTMENT.

5. Each inspector assigned to a project shall be a Certified Welding Inspector (CWI), unless otherwise approved or specified by the Department, and well versed in applicable fabrication, non-destructive testing (including MT and RT interpretation), cleaning and/or shop painting techniques. Non-certified inspectors shall have at least one year of prior, supervised experience with the agency.

6. Inspectors shall be assigned and monitored by an Inspection Manager who is qualified to perform all tasks assigned to supervised inspectors. If the Engineer requests the Inspection Manger personally attend a prefabrication conference or on-site meeting, or perform sophisticated inspection services, the Inspection Manager will be billed at the overtime rate for a CWI & UT II (Shop) plus per diem and/or mileage, based on location and duration.

7. For ongoing projects, shop inspectors will be reimbursed for per diem or daily mileage and travel time from/to their home address, whichever is less. This allows per diem and mileage to be charged only for travel days at the beginning and end of a particular project, for intermittent inspection, or for prolonged periods of inactivity at a shop. Per diem will be paid

through weekends and shop holidays if it is less than estimated charges for the inspector to travel home and return to the shop.

8. Field (construction site) QA Inspectors will be reimbursed for per diem, and daily mileage/travel time for up to 40 miles or travel time to/from their home to the field site work, whichever is less.

SECTION II - CONDUCT OF INSPECTORS

QA Inspectors shall perform their duties under the contract in a courteous manner. They shall maintain fair and professional relations with personnel of the shops inspected and direct formal communication to the shop's Quality Control staff or management, as appropriate. QA Inspectors will not perform Quality Control duties for the shop or direct production personnel, except to note hazardous conditions that might result in injury or damage.

SECTION III - SHOP INSPECTION

QA Inspections typically cover steel or aluminum fabrication, but other materials may occasionally be involved.

Any shop error or material deficiency observed which, in the opinion of the inspector, may be cause for re ection shall be reported to the Contractor's C or production management and the DEPARTMENT. Inspectors shall verify that repairs are made or report inadequate corrections to the DEPARTMENT. Inspections in the shop shall verify: the condition of materials, workmanship, dimensional accuracy, quality of welding, the proper application of heat, accuracy of punching, reaming and assembly, proper torque of bolts, fit of machine finished joints, conformance of cleaning and painting to the contract specifications, etc. QA Inspectors shall identify significant or recurring defects and document the adequacy of the Contractor's corrective actions and Quality Control Plan.

The following list is not all-inclusive, but shows typical inspector activities to verify compliance with contract requirements.

1. General surface inspection as material is processed and exposed to view, noting imperfections. View cut edge of plates for indications of internal defects.

2. Observe thermal cutting and computer numerically controlled (CNC) equipment to determine if it appears to be performing properly.

3. Check the mill identification, sizes of sections and thickness of plates, verifying that approved materials are used, with special attention to the use and location of Fracture Critical Material.

4. Determine that dies and punches are in acceptable condition, of correct size, and used within the limits set by the contract, the manufacturer or industry practice as appropriate.

5. Check that reamed holes are cylindrical, that burrs are removed and no drilling debris remains between shop contact surfaces.

6. Periodically monitor the installation and tightening of high strength bolts to insure that the selected tightening procedure is properly used. Each day that bolts are to be installed in slip critical connections, rotational capacity tests shall be performed and inspection wrenches shall be calibrated in a device indicating bolt tension prior to testing.

7. Steel templates for reaming or drilling shall have hardened bushings positioned based on the inscribed centerlines used to locate each template, and they shall be properly secured.

8. Bolted splice plates shall be properly fitted and secured prior to reaming or drilling. Parts assembled for drilling or reaming holes to full size shall be aligned and secured after verifying proper hole spacing and edge distances.

9. Techniques used in assembling beams, girders, trusses, rigid frames or arches shall not damage members, and the desired geometry (camber, horizontal curvature, etc.) shall be verified before reaming, unless otherwise approved by the Engineer.

10. Field bolted splices and other reamed assembled (RA) or drilled assembled (DA) elements shall be plainly match-marked, and the match-marking diagrams shall be checked. Erection (piece and match) marks shall be made with low or mini-stress dies in areas of members and splice plates specified on the shop drawings.

11. Check pins, bushings and pin holes for size, location and surface finish. Obtain certification of pin and bushing material and any required heat treatment process.

12. All finished members shall be free of general or localized twists, bends, kinks or other distortions exceeding contract tolerances.

13. All loose pieces are to be bolted or otherwise secured for shipment, and small parts properly cushioned and boxed or otherwise secured against loss and damage in transit.

14. Check for “lefts” or “rights” and number of parts.

15. Surfaces to be shop coated shall be properly cleaned and surface profile verified prior to application. Priming must be done within 24 hours of cleaning and prior to any surface rusting.

16. ILDOT-approved batches of paint are to be applied in accord with the contract and manufacturer’s product data sheet. Verify paint batch approval by the DEPARTMENT. Monitor mixing of components, humidity, metal and air temperature and application patterns.

17. All thermal cutting shall be mechanically guided. No hand-held thermal cutting of final edges shall be allowed without the approval of the DEPARTMENT, and re-entrant cuts must be finished in accord with contract requirements.

18. Verify QC measurements for center to center of bearings, camber and sweep. Make random checks of stiffener and lateral bracing locations as well as their hole layouts. If

errors are found, require more complete dimension checks by QC to define extent of the problem.

19. Check workmanship (dimensionality, straightness, finish, etc.) in accordance with requirements of applicable specifications.

20. Check that splice plates and fills are properly positioned before drilling or reaming. No metal fragments or foreign material other than paint shall remain between shop bolted components.

21. Mill test reports should be obtained from the contractor's QC or the DEPARTMENT and correlated with the primary member material used in the structure. A material assignment sheet may be obtained from QC or developed by the QA Inspector. Mill reports or independent lab tests must verify satisfactory toughness testing for "CVN", "NRT" or Fracture Critical material. The material grade (e.g: Gr. 36, 50, 50W) must comply with the shop drawings. All steel material shall be certified on the mill report to be domestically produced ("Melted and Manufactured in the USA" or similar).

22. Report significant fabrication deficiencies (e.g.: requiring substantial removal and replacement of welds or paint, mislocated holes, misaligned members) on the daily log, including their cause and correction. Proposals to correct errors potentially affecting the adequacy of the member shall be submitted by the QC to the DEPARTMENT prior to repairs. Attachment and removal of temporary fabrication or handling must employ DEPARTMENT approved methods.

23. Any erection devices shown on the approved shop drawings warrant the same inspection required for permanent material, but mill test reports and evidence of domestic origin are not required for temporary items not purchased by the DEPARTMENT.

SECTION IV - WELDING

Prior to Welding:

1. The QA Inspector shall verify the current qualifications of each welder for process(es) and position(s) used on the project. Welder qualification shall be performed in accord with the applicable AWS code (D1.1, D1.2 or D1.5), and the QA Inspector may witness alignment of the test plates, the welding preparation of the coupons, and/or tests performed in the fabricator's shop. (In the absence of test facilities in the shop, the fabricator shall forward the properly identified coupons to a testing laboratory acceptable to the Department). Also, discuss with quality control the traceability of each welder's work, noting that no permanent indications (die stamps, welded figures) shall be allowed on finished work.

2. Ensure weld procedures are ILDOT approved and understood by the welders, welding foremen and quality control.

3. Prior to fitting welded joints, examine the condition of the material, especially for defects or contamination in the joint area.

4. Check fit-up of joints that are to be welded, including root face, angle of bevel, the alignment of the parts, and the uniformity of root opening.

5. When applicable, ensure run-on/run-off tabs are of adequate length, shape and size to allow full weld throat the entire length of the joint.

6. Check surfaces to be welded for cleanliness, with mill scale and rust removed to the extent required, and absence of moisture, lubricants or other foreign material detrimental to welding.

7. Visually inspect tack welds for integrity and defects. They are to be as small as practical. No temporary welds are allowed on any flange or web solely for positioning or restraint. Tack welds on flanges and webs must be incorporated in the final weld.

8. Review weld joints shown on the shop drawings for potential conditions which may require weld sequencing or heating parameters not specified on the approved weld procedure, and notify QC and the DEPARTMENT of such situations.

9. Review shop report forms utilized for nondestructive testing and discuss any concerns with Quality Control.

10. Discuss the condition and calibration of welding equipment with Quality Control. Verify gauges (amperage, temperature, wire feed speed, voltage, etc.) are periodically checked for accuracy and adjusted or replaced if necessary, and that calibration equipment is periodically certified and properly utilized.

<u>During Welding</u>:

1. Ensure the correct weld consumables are utilized, are in satisfactory condition and are stored properly to prevent damage. Bridge welding requires low-hydrogen processes, so consumables must be reconditioned or replaced after exposure, as provided by the specifications.

2. Periodically observe the technique and performance of welders to ensure procedures and techniques conform to the contract. For fracture critical joints, plan for sequential inspection of multiple-pass welds. Arrange with the QC for the foreman to notify the QA Inspector when such work will be performed.

3. Ensure welding is done in accordance with the approved procedures, periodically verifying that the current, amperage, voltage, travel speed, preheat and interpass temperatures are within tolerances.

4. Ensure welds start in the area where weld is to be deposited. Tack welds shall be located and sized (after grinding) to be completely incorporated in the production weld unless they are made using an approved weld procedure. Cracked tack welds shall be removed before welding over their location.

5. On subsequent passes for flange and web butt joints, observe if split layer technique is properly used where required.

6. Verify that the root and intermediate passes are cleaned and deficiencies corrected before succeeding weld passes. Wire brushing, grinding or chipping may be used to remo e slag bet een eld passes, but no unspecified peening or distorting "caul ing" of weld metal shall be permitted without the specific approval of the DEPARTMENT.

7. After butt welds have cooled, the parts joined are not in alignment corrections shall be made prior to assembly of member. Minor misalignment may be corrected by the controlled application of heat and/or pressure. If misalignment is significant, corrective work shall be done using QC-proposed methods approved by the Engineer.

8. If welds are to be ground smooth and flush, final finishing should be parallel to the direction of the main stress in a member. All welds shall terminate in a satisfactory manner.

After Welding:

1. Welds shall be cleaned of slag and examined by QC. When blast cleaning is required, a general examination of welds and material shall also be done after blasting and before painting.

2. Any weld geometry exceeding welding code limits shall be corrected to meet tolerances. Ends of repair welds shall transition smoothly into existing welds.

3. Excess metal at butt welds shall be removed by grinding. Plate thickness or width transitions shall be sloped as shown on the shop drawings with smooth transitions at the thinner/narrower plate. Over-grinding at this location must be corrected using Engineer-approved methods before NDT.

4. All runoff tabs shall be removed without damaging permanent material. Thermal-cutting may be used, provided the final preparation is done by grinding.

SECTION V - RADIOGRAPHY AND RADIOGRAPHIC INSPECTION

1. All radiographic inspection required by the Contract shall be performed by the Contractor for the DEPARTMENT.

2. The QA Inspector shall verify that radiographs are numbered in accordance with the requirements of the Radiograph Sheet and that all radiograph film numbers are recorded on the sheet corresponding to joint locations in the structure.

3. The QA Inspector shall review all radiograph reports and duly sign them when in agreement with the report. If the QA Inspector and the Contractor cannot agree with respect to the report, the Engineer will review any film in question, and provide a determination of acceptability. Once the report is signed, the QA Inspector shall keep the original set of reports and film until fabrication is complete and then submit all reports and radiographs to the DEPARTMENT for filing. On large structures, submittals may be on interim basis as required by the DEPARTMENT.

SECTION VI - MAGNETIC PARTICLE INSPECTION

1. The QA Inspector shall ensure magnetic particle inspection (MT) is done in accordance with ASTM E 709 and the Contract.

2. The Contractor performs the MT required by the contract for the DEPARTMENT and submits a report to the QA Inspector of all findings. The QA Inspector shall periodically witness the testing and, if satisfied as to the technique and results, shall sign the reports, retaining originals and giving one copy to the fabricator. The QA Inspector shall forward a complete set of the original reports to the DEPARTMENT at the end of the project.

SECTION VII - ULTRASONIC INSPECTION

1 Ultrasonic testing (UT) required by the Contract shall be performed by the Contractor. The Contractor is to submit a report to the QA Inspector of all findings. The QA Inspector shall be familiar with proper UT application, and periodically witness testing, including set-up and recalibration. If satisfied with the technique and the test results, the QA Inspector shall sign the UT reports. If the Engineer requires QA verification testing of the Contractor's findings or to examine areas not requiring UT in the Contract, the QA Inspector must be qualified as a Level II in UT by testing, training and experience in accord with the current edition of the American Society for Nondestructive Testing Recommended Practice No. SNT-TC-1A.

1. UT may also be required at field locations utili ing the Consultant's equipment then requested by the DEPARTMENT. (The Department shall provide access, traffic control and assistance as required).

2. For UT performed by the Contractor, the QA Inspector shall include the original reports in the project file and return one signed copy to the fabricator. For UT performed by the QA Inspector, a copy shall not be provided to the Contractor unless directed by the Engineer. The QA Inspector shall forward the original UT reports to the DEPARTMENT at the end of the project.

SECTION VIII - SHOP CLEANING AND PAINTING

1. QA Inspectors shall carefully review the ILDOT Standard Specifications and Contract Special Provisions covering the shop cleaning and painting of structural steel and verify that requirements are met. In case of disagreements on interpretation or acceptance between the QA and QC Inspectors, the Engineer will provide guidance.

2. Structural steel should not be shop cleaned or painted until its fabrication has been accepted by QC: this is not mandatory but represents good practice, and the QA Inspector shall mandate recleaning and/or repainting if deficient areas are coated. Blast cleaned surfaces shall have proper profile and cleanliness. Thermal cut edges shall be ground before blasting if necessary to achieve the required profile. Primer must be applied within 24 hours and before any rust is visible.

3. The shop coat(s) shall be inspected for proper mixing, application, dry film thickness of individual or multiple coats, proper curling of preceding coats, and uniform coverage. Unless otherwise provided for small batches, the inspector shall have an approved test report identification issued by the Department for the batch of paint used. If not, the

fabricator Contractor must submit samples taken from the batch (with the QA Inspector witnessing to the DEPARTMENT' Bureau of Materials and Physical Research for testing prior to painting. Paint must be applied when the temperature and humidity are within acceptable limits and during the manufacturer's prescribed pot life. Paint may only be thinned in accordance with the manufacturer's guidelines.

4. Special attention shall be given to shop installed bolts. Cleaning, profile, subsequent primer coverage and adhesion shall be carefully monitored. For mechanically galvanized bolts installed before blasting, some galvanizing may remain after cleaning, as long as primer adhesion is not impaired. For black ASTM A490 bolts in painted areas, if blasting does not produce adequate profile due to the hard surface, exposed bolt surfaces must be cleaned and spot primed with a suitably adherent coating before priming the adjacent steel.

5. After shop painting, care shall be taken in the handling, storage and shipping of material to avoid damage or contamination (oil, etc.) of the surface. All damage noted shall be repaired in accord with Contract requirements and the paint manufacturers' guidelines prior to shipment.

6. Verify gauges (dry film thickness, profile, temperature, humidity, etc.) are routinely calibrated and that calibration equipment is recertified as necessary.

37. <u>Job No. C-30-008-09 Materials Inspector for the Bureau of Materials and Physical Research (BMPR) Chemical Tests Unit</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 **February 5, 2009** at **10:00 A.M**. in Bureau of Materials and Research's (BMPR), 126 E. Ash Street, Springfield, Illinois.

Engineering services are required for material inspection at manufacturing facilities in Illinois and surrounding states. This project also requires a Illinois Licensed Professional Engineer to provide the oversight for the technical services of a **Materials Inspector**. Work orders for this project will be negotiated and authorized by BMPR on an as-needed basis.

The duties of the **Materials Inspector** shall include but not limited to:

- Witness the sampling of PG asphalt binders, asphalt emulsions, cut-back asphalts, road oils, traffic paints, bridge paints, other chemical products, or miscellaneous materials.
- Examine manufacturer's records, check equipment, and review test procedures to ensure compliance with specifications and department policies.
- Secure, identify and forward samples to BMPR.
- Obtain appropriate manufacturer's paperwork and complete the Sample Identification Forms

The majority of inspections will be at asphalt source locations included on the following certified source lists:

http://www.dot.il.gov/materials/asphaltbinder.pdf
http://www.dot.il.gov/materials/emulsifiedasphalt.pdf
http://www.dot.il.gov/materials/cutbackasphaltroadoil.pdf

Approximately two <u>inspection trips</u> per month will be required. An <u>inspection trip</u> may be an inspection at one manufacturing facility or inspections at multiple facilities. Inspection trips and samples to be obtained during inspections will be assigned by the Field Operations Chief of BMPR.

The Consultant shall provide the following equipment for the **Materials Inspector's** use:

- Vehicle
- Cell phone while traveling
- Appropriate personal protective equipment
- Computer to complete the BMPR LM6 Sample Identification Forms

The department will furnish the Consultant with:

- Names of personnel to contact during inspections at manufacturing facilities
- Producer codes, material codes and other applicable information needed to complete the Sample Identification Forms

The duration of 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:

• An Illinois Licensed Engineer on staff who will supervise the **Material Inspectors**

• The persons performing the **Materials Inspection**

All resumes should include a brief description of previous projects completed by each staff member and include:

- Knowledge of applicable current IDOT Policies, materials specifications and IDOT, ASTM or AASHTO testing procedures
- Knowledge of applicable current IDOT, ASTM or AASHTO sampling procedures to ensure that representative samples are obtained.
- Experience in highway materials inspection
- Knowledge of MISTIC sample identification requirements
- Good written and oral communication skills
- Minimum high school education
- Basic math skills
- Valid driver's license

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.

Statement 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, **December 4, 2008**, to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov. Or send two (2) copies to:

Illinois Department of Transportation
Bureau of Design and Environment
Attn: Ms. Cheryl Cathey, Consultant Unit
Room 330,
2300 South Dirksen Parkway,
Springfield, Illinois, 62764.

If you have any questions concerning the project, please contact Ron Price in the Bureau of Materials and Physical Research at 217/782-7961 or e-mail at Ronald.Price@illinois.gov .

38. Job No. C-30-009-09, 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 **February 9, 2009** at **10:30 A.M.** in the Bureau of Materials and Physical Research (BMPR) 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 the BMPR. Specific gravity is not a quality test however, since specific gravity information is necessary for PCC and HMA mix designs, the 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 will be required to pick the samples up at BMPR, perform the appropriate Illinois Modified test procedure, and report the test results back 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 the BMPR
- Random checks by the BMPR throughout the contract
- Capable of adding new test methods as identified for use by the 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 of 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 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
    - Minimum15 years experience in aggregate testing and aggregate inspection in Illinois.

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.

Statement 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, **December 4, 2008**, to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov. Or send two (2) copies to:

Illinois Department of Transportation
Bureau of Design and Environment
Attn: Ms. Cheryl Cathey,
Consultant Unit, Room 330,
2300 South Dirksen Parkway,
Springfield, IL 62704

39. <u>Job No. C-30-010-09, Non-Destructive Pavement Testing, Various Routes, Various Counties, Bureau of Materials and Physical Research (BMPR).</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 **February 18, 2009** at **8:30 A.M.** at the Bureau of Materials and Physical Research (BMPR), 126 East Ash Street, **Springfield**.

This project requires specialized technical services to perform statewide operation of pavement evaluation test equipment to collect deflection, profile, and friction data. The testing will use department equipment and follow departmental procedures. Test equipment includes a Falling Weight Deflectometer (FWD), a lightweight profiler, and Friction Testing equipment. Test equipment will be provided and maintained by the department. Traffic control will be provided by the department with the Consultant making arrangements as needed to accomplish the work. Test crews are required to work in pairs, and a maximum of two crews will be in operation at any given time. The Consultant will collect the deflection, profile, and friction data and provide the data to the Bureau of Materials and Physical Research (BMPR) on a portable storage device for analysis by the department. The majority of this work occurs between April and November.

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

Work orders may consist of, but not be limited to, the following tasks:

- Deflection testing of district-requested projects to assist with planning and programming of future rehabilitation work
- Deflection testing of existing projects, as requested by the districts, to trouble-shoot construction- or materials-related problems
- Deflection testing of experimental project sections for research purposes
- Quality Assurance profile testing to verify Profile Index values on new and/or rehabilitated pavements on an as-requested basis
- Friction testing of High Accident Sites per district request
- Friction testing of selected projects to evaluate the department's friction policy and formulate needed changes.

The department will furnish the Consultant with the following:

- Contract number, location information, and testing parameters for pavement sections requiring FWD testing
- Traffic control during FWD testing
- Contract number, location information, and contact information on lightweight profiler testing
- Contract numbers and general location information for pavement sections requiring friction testing
- Access to and training on databases as needed to gather detailed information on friction testing projects.
- Testing equipment:

- Friction Trailer and Tow Vehicle: IDOT trailer operated according to Illinois Modified ASTM E 274.
- Falling Weight Deflectometer: Foundation Mechanics JILS 20T operated according to ASTM D 4694.
- Lightweight Profiler: Ames Engineering LISA operated according to ASTM E 950.

Information obtained through testing and data processing is the property of the Illinois Department of Transportation (IDOT) and cannot be sold or 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). Must demonstrate 5 years experience with IDOT pavement specifications, design, and maintenance.
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in preparing testing documents and processing data (must be an Illinois Licensed Professional Engineer). Must demonstrate 5 years of experience with Microsoft Excel and internet applications.
- The persons performing the non-destructive pavement tests (must have a valid Illinois driver's license, a good driving record, and experience with the above non-destructive pavement testing). Testers must demonstrate 5 years of experience and 25 projects tested with each ASTM test method listed above for performing non-destructive pavement testing.

Statements of Interest must also include the following:

- Your firm's previous experience with this type of work and ASTM test methods.
- Names of key personnel, along with one-page resumes indicating qualifications.
- A statement of your firm's ability to do the work in-house, or if necessary, what work you would need to subcontract.
- Name and phone number of the contact person in your organization.

The Consultant must provide evidence of the licensing requirements listed above, and documentation for each individual showing experience with pavement design, maintenance, and testing as required for their involvement in the work.

Statement 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, **December 4, 2008**, to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov. Or send two (2) copies to:

Illinois Department of Transportation
Bureau of Design and Environment
Attn: Ms. Cheryl Cathey, Consultant Unit
Room 330,
2300 South Dirksen Parkway,
Springfield, Illinois, 62764

40. <u>Job No. C-30-011-09, Pavement Monitoring and Reporting throughout State, Bureau of Materials and Research (BMPR).</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 **February 18, 2009** at **10:30 A.M.** at the Bureau of Materials and Physical Research (BMPR), 126 East Ash Street, **Springfield**.

This project requires specialized technical services in two complementary areas. The first area requires conducting a statewide analysis of friction data contained in the department's friction database. The basis of aggregate usage in HMA surfaces must be determined in order to determine the cost-effectiveness of the statewide friction policy. The friction analysis is to be by aggregate/aggregate blends, surface mixture types, pavement surface age, and traffic. The Consultant must be familiar with Microsoft Access, Microsoft Excel, and internet applications. Friction problems at specific sites may require a site visit and documentation of findings. A report summarizing the friction test results for the year as well as a historical data analysis will need to be provided.

The second area requires monitoring the department's Pavement Preservation (P^2) program. Pavement preservation activities include monitoring and maintaining a spreadsheet of projects (containing locations, contract details, annual condition information, etc.) and making periodic evaluations to determine effectiveness of treatments. This information will need to be supplemented with friction data, rutting data, cost information, and documentation of any performance problems. A year-end report summarizing the activity and results of the year and a historical summary of performance will need to be provided for the P^2 program.

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

Work orders may consist of, but not be limited to, the following tasks:

- Updating records in the friction database to track results of each aggregate/aggregate blend
- Analyzing friction test data for each aggregate/aggregate blend according to surface mixture type, pavement surface age, and traffic
- Traveling to various locations through the state to monitor P^2 projects: document distresses and condition, photograph treatments, and prepare reports
- Gathering performance data on P^2 projects such as rut depth, friction data, Condition Rating Survey (CRS) values, distresses, etc. from databases
- Maintain a spreadsheet with the projects constructed using P^2 funds as projects are programmed and awarded.

Information obtained through pavement monitoring and data analysis is the property of the Illinois Department of Transportation (IDOT) and cannot be sold/given to any other entity without written permission from IDOT.

The department will furnish the Consultant with the following:

- Current copy of the existing friction database to update as necessary

- Current copies of the spreadsheets tracking P^2 sections to update as necessary.
- Access to and training on databases as needed to gather detailed information on friction testing projects and performance data for P^2 projects.

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). Five years demonstrated experience with IDOT pavement specifications, design, and maintenance
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in analyzing the friction data, monitoring the P^2 projects, and writing reports (must be an Illinois Licensed Professional Engineer). Five years demonstrated experience with pavement preservation treatment use and performance and with Microsoft Access, Microsoft Excel, Microsoft Word, and internet applications.
- The persons who will assume the duties of Field Technician traveling to P^2 projects to gather field data and take photos (must have proper training and experience in distress surveys. Five years demonstrated experience with distress surveys using either IDOT or SHRP distress codes.

Statements of Interest must also include the following:

- Your firm's previous experience with this type of work and examples of report writing.
- Names of key personnel, along with one-page resumes indicating qualifications.
- A statement of your firm's ability to do the work in-house, or if necessary, what work you would need to subcontract.
- Name and phone number of the contact person in your organization.

The Consultant must provide evidence of the licensing requirements listed above, and documentation for each individual showing experience with pavement design, maintenance, data analysis, report writing, and distress surveys as required for their involvement in the work.

Statement 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, **December 4, 2008**, to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov. Or send two (2) copies to:

Illinois Department of Transportation
Bureau of Design and Environment
Attn: Ms. Cheryl Cathey,
Consultant Unit, Room 330,
2300 South Dirksen Parkway,
Springfield, Illinois, 62764

41. <u>Job No. P-30-003-09 Statewide Waste Assessment Investigations, Bureau of Design and Environment.</u>

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

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 **February 5 2009** at **1:30 P.M.** at the Central Office Bureau of Design and Environment (BDE) in Springfield.

The department has contracted with the Illinois State Geological Survey (ISGS) to conduct preliminary environmental site assessments (PESA's) of property proposed for highway use. ISGS conducts land-use history investigations; researches federal, state, and local records; conducts field surveys and selected field tests for volatile organic compounds, metals, pesticides, and PCBs (polychlorinated biphenyls); and attempts to determine if the potential for contamination is nonexistent, low, medium or high. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

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

The department will furnish the PESA and, as available, Project Reports, field survey data, soil survey data, and plans of the existing and proposed transportation facility.

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

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

Additional work will include conducting surveys and testing, if applicable, of stored materials, tank contents, and containers to determine whether regulated substances are present. Evaluation, summarization, and reporting on PSI's, DSI's, laboratory analysis and survey work are included as an important part of this work.

PROPOSED WORK SUMMARIES FOR THE VARIOUS TYPES OF INVESTIGATIONS REQUIRED:

POTENTIAL WASTE SITES AND UST-LUST SITES

Engineering services are required to perform PSI's and on occasion, DSI's (RI/FS's), remedial design, which may include UST removal, and construction oversight of sites suspected to contain regulated substances, UST-LUST's and/or unsecured materials of concern. The PSI's are to include verification of subsurface geologic and hydrologic conditions, identification of chemical contamination and identification of the extent of chemical contamination, when feasible.

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

MISCELLANEOUS SURVEYS AND TESTING

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

EMERGENCY RESPONSE OVERSIGHT

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

ENVIRONMENTAL PLANS FOR OPERATIONS FACILITIES

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

EXTRANET

To help in the department facilitate in the review of work plans and PSI reports and project tracking, the Consultant will be required to upload all information regarding each work order and

to provide any technical assistant necessary to ISGS in the maintenance of the extranet site hosted by ISGS. Information uploaded shall include but not be limited to draft and final work plans, draft and final PSI reports, budget information, analytical results, site location maps, site photographs, and progress reports.

As a task is identified, the department will request the Consultant to prepare an outline of the work phases and technical approach, personnel requirements, detailed cost breakdown, and a schedule that is consistent with the task request.

When a task order is awarded for investigation, the Consultant will be fully responsible for the sampling, testing and reporting.

For performance of this work, the Consultant will be required to assign the necessary full-time staff described in its Statement of Interest and in many cases (except emergency response oversight), to respond with a draft work plan within 15 working days, conduct field work within 10 working days after authority to proceed, draft report within 3 months after the authority to proceed, and final report two (2) weeks following IDOT comments. For emergency response oversight, the Consultant will be required to respond in four hours.

CONFIDENTIALITY:

(1) Unless otherwise directed by IDOT, the Consultant shall hold all information provided by IDOT and the results of the work performed by the Consultant confidential and shall not disclose the same to any third party except where required by governmental regulatory agencies or as otherwise required by law. Documents shall be marked "Confidential," "Attorney Work Product," "Attorney-Client Privileged," or as directed by IDOT. The confidentiality provisions herein shall survive any termination or expiration of this agreement. The Consultant shall retain the right to disclose necessary information for financial, tax and insurance audits as required, subject to a confidentiality agreement with the auditor. Specific information concerning the work performed will not be disclosed without IDOT's prior approval.

(2) It is understood that: (i) you will make a reasonable effort to be available upon reasonable advance notice; (ii) you will keep confidential all information obtained, or analyses developed, in connection with this litigation or any related litigations with respect to which we may seek your advice and counsel; (iii) you will use such confidential information solely in connection with your engagement by IDOT; (iv) you will preserve any written materials, including e-mails generated or received by you in connection with this engagement, as such materials are potentially discoverable in litigation; (v) you will not in the future consult for, or otherwise represent, any other person or entity ith an interest ad erse to IDOT's interests in or concerning the pending litigation, or the events or occurrences out of which the pending litigation arises; and (vi) you will keep confidential your retention by IDOT, unless and until you are identified in court papers as a testifying expert or we otherwise authorize you to breach this confidentiality.

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

"Therefore, you agree that: (i) you will not prepare any draft opinion or report without our consent (regardless of whether the draft is for internal purposes or to share with others); (ii) you will not share any draft opinion or report, or any notes, with any other person without our consent; (iii) every draft opinion or report will bear the following legend: THIS IS A

PRELIMINARY DRAFT. IT HAS BEEN PREPARED BASED ON PRELIMINARY INFORMATION AND ASSUMPTIONS. NO ONE MAY RELY ON THIS DRAFT. IT IS SUBJECT TO CHANGE AS ADDITIONAL INFORMATION BECOMES AVAILABLE OR IS CLARIFIED'; (vi) all notebooks or individual pages of notes will bear the following legend THESE NOTES ARE INCOMPLETE AND HAVE BEEN PREPARED FOR PEROSONAL USE ONLY. NO ONE MAY RELY ON THEM FOR ANY PURPOSES. IT IS SUBJECT TO CHANGE AS ADDITIONAL IN FORMATION BECOMES AVAILABLE OR IS CLARIFIED'.

The completion time for this work (excluding emergency response oversight) will be 14 months after authorization to proceed and the agreement with the Consultant will have an option to renew by the department for an additional 12 months.

Statements of Interest must include the following:

1. The location of the office from which the majority of work on this project will be performed.

2. An organization chart showing the Administrative/Managerial Staff of the office and a flow chart of key Technical/Professional Staff, including field and risk assessment staff that will be assigned to this project. Similarly, information of subconsultants' location/organization should be provided.

3. The name of the laboratory that will be used for this project. (The selected firm must have the capability of using either in-house or subcontracted laboratory facilities, which are qualified to work on IEPA sites. The laboratory shall have an approved IEPA quality assurance plan and follow that plan in performing the analyses.)

4. A statement of your firm's ability to do the work in-house, or if necessary, what work is to be subcontracted. Indicate item(s) of work, which would be subcontracted, and the proposed subcontractors).

5. A description of your mobilization plan to be used upon notification that a work order has been authorized.

6. A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders.

For additional information concerning the project, please contact Steve Gobelman at (217) 785-4246.

The prime firm must be prequalified in **Special Services (Hazardous Waste)** and be familiar with IDOT contracts to be considered for this project. In addition, they must comply with the following:

1. Use laboratory facilities that are accredited by the IEPA under 35 Illinois Administrative Code 186.

2. Use appropriately licensed and certified equipment and appropriately licensed and registered subconsultants.

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

42. Job No. P-30-007-09, Photogrammetry Contract for the Southern Area of Illinois, Bureau of Design and Environment

This project will utilize the **Cost Plus Fixed Fee (CPFF)** 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 **February 4, 2009** 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 obtaining aerial photography for the southern area of Illinois. Other photogrammetry 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:

- Photography Acquisition – The Consultant will 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.

Other photogrammetric services, which may be requested:

- 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.

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

Key Personnel Listed on **Exhibit A** must include the following:

- The person who will assume duties as project Manager for all aspects of the work.

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

Statements of Interest must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

43. Job No. C-30-012-09, Construction Inspection with an emphasis on NPDES Compliance Statewide, Various Routes, Various Counties, Bureau of Construction.

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 **February 4, 2009** at **10:00 A.M.** at Handley Building **Springfield.**

Phase III engineering services are required to perform field reviews to evaluate jobsite compliance with the requirements of the NPDES Permits and other items as necessary. The project includes compliance reviews for conformance with IEPA permits ILR10 and ILR40, the Standard Specifications for Road and Bridge Construction, Construction Memorandums, contract special provisions, and plans. In addition, the Consultant will evaluate SWPPP and Erosion Control plans for conformance with industry standards, as needed and provide comments back to the District, which can be incorporated into the contract documents for bidding.

The department will furnish the Consultant with instructions and forms to document the field reviews.

The Consultant's work includes on-site inspections, documenting findings, and providing recommendations for improvement. The Consultant will perform reviews to ensure compliance with the aforementioned documents and the Consultant agreement. The Consultant will maintain records and submit documentation of all reviews and other activities. The completion date for this contract will be March 1, 2010.

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

- Liaison Engineer who will assume duties as project Manager for all aspects of the work(must be an Illinois Licensed Professional Engineer).
- Person(s) who will be conducting field reviews.
- Person(s) who will be conducting SWPPP and Erosion Control Plan evaluations.

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

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

44. Job No. C-30-013-09, Write Erosion Control and Storm Water Quality Field Guide for use by Construction Inspectors with an emphasis on NPDES Compliance and an evaluation of strategies appropriate to IDOT for Improved Storm Water Management, Bureau of Construction.

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 **February 4, 2009** at **2:00 P.M.** at Handley Building **Springfield.**

Phase III engineering services are required to perform field reviews to evaluate jobsite compliance with the requirements of the NPDES Permits and other items as necessary. The project includes creating a manual, which can be used in the field to assist personnel in conformance with IEPA permits ILR10, and ILR40, the Standard Specifications for Road and Bridge Construction, Construction Memorandums, contract special provisions, and plans. In addition, the Consultant will also be required to provide a written evaluation of strategies the department can implement regarding improved management of storm water on our projects.

The Consultant's work includes preparation of field manual to assist with on-site inspections based on IDOT standards and specifications, industry practices and providing recommendations for improvement. The Consultant will provide at least 5000 copies of a guide suitable for use in the field, including water resistant pages and spiral binding. The Consultant will also provide guidance of activities the department is required to do. The completion date for this contract will be March 1, 2010.

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

- Liaison Engineer who will assume duties as project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer)
- Person(s) who will be preparing Field Guide
- Person(s) who will be evaluating Roadway appropriate Storm water management strategies.

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.

45. <u>Job No. D-60-031-09, Traffic Signal Coordination and Timing (SCAT), Various Projects, Various Routes, Various Counties, Districts Two, Three, Four, and Five, Bureau of Operations.</u>

This project will utilize **Direct Labor Multiplier (DLM)** method of 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 to attend a negotiation meeting scheduled on **January 30, 2009** at **1:00 P.M.** at the Central Bureau of Operations office in **Springfield**.

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

The project will include accomplishment of one or more of the following tasks for each selected location:

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.

- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and also with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.

- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.

- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

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

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

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

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

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

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

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

- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans;

- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments; and

- The person who will conduct the evaluation of the optimization plans.

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

A brief outline of proposed procedures to be used to accomplish the project objectives needs to be provided with the statements of interest.

The prime firm must be prequalified in the **Special Studies (Signal Coordination & Timing (SCAT)** category and furnish a list of projects they have done involving traffic signal system coordination and timing in the last five years.

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.

46. <u>Job No. D-60-032-09, Traffic Signal Coordination and Timing (SCAT), Various Projects, Various Routes, Various Counties, Districts Six, Seven, Eight, and Nine, Bureau of Operations.</u>

This project will utilize **Direct Labor Multiplier (DLM)** method of 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 to attend a negotiation meeting scheduled on **February 5, 2009 10:30 A.M.** at the Harry R. Hanley Building, Central Bureau of Operations office in **Springfield**.

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

The project will include accomplishment of one or more of the following tasks for each selected location:

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.

- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and also with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.

- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.

- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

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

The department will furnish manuals, plans, or any other available information. The completion date for this contract will be 24 months after authorization to proceed.

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

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

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

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

- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans;

- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments; and

- The person who will conduct the evaluation of the optimization plans.

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

A brief outline of proposed procedures to be used to accomplish the project objectives needs to be provided with the statements of interest.

The prime firm must be prequalified in the **Special Studies (Signal Coordination & Timing (SCAT)** category and furnish a list of projects they have done involving traffic signal system coordination and timing in the last 5 years.

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.

47. <u>Job No. D-60-033-09, Statewide Sign Structure Inspection, Various Projects, Various Routes, Various Counties, Various Districts, Bureau of Operations.</u>

This project will utilize **Direct Labor Multiplier (DLM)** method of 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 a negotiation meeting scheduled on **February 5** at **1:30 P.M.** at the Central Bureau of Operations office in **Springfield**.

The scope of this project consists of planning, organizing and performing detailed structural inspections on simple aluminum span trusses, aluminum cantilever trusses, Vierendeel type steel span trusses, Vierendeel type steel cantilever trusses and bridge mounted sign structures. The number of overhead sign structures to be inspected is approximately 120. The detail structural inspection shall include rating of all components, evaluation of conditions and preparation of an inspection report including a prioritized summary of repairs. The use of ultra sonic testing equipment to spot check the wall thickness of end supports for aluminum trusses and the chords for Vierendeel steel trusses will be required.

The Consultant's shall provide all manpower, equipment, vehicles, materials and the appropriate traffic control for each structure to satisfactorily complete the work. The work shall be done in accordance with the Sign Structure Inspection Manual, the Manual of Uniform Traffic Control Devices and any department policies or procedures governing the work.

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

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

The Consultant will have 12 months to prepare all documentation and complete inspection of the structures.

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

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

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

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

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

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

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

Notice

Consultant's Annual Fee Capacity

Issued August 7, 2008

The department has revised the annual fee calculation by increasing the dollar amount.

Annual Fee Capacity: A Consultant's annual fee capacity is an evaluation of its technical and professional staff's ability to generate an annual volume of work. To estimate the maximum annual fee capacity of a Consultant to perform transportation or architectural work, the larger of the fees computed by the following two methods is used:

- the fee produced by multiplying the total number of technical staff by $200,000,

or

- the fee produced by multiplying the total number of professional staff by $800,000.

To determine the annual fee capacity of Consultants performing aerial mapping services only, the figure of $700,000 per plotter is considered appropriate.

NOTICE
CONSULTANT PREQUALIFICATION

May 08, 2008

This notice was originally sent to all prequalified consultants and included as a notice on April 5, 2007. This is a notice to all firms to renew their firms prequalification. All engineering consulting firms are responsible for resubmitting the correct portion (entire or corporate and financial) of the Statement of Experience and Financial Condition to remain prequalified. The department **will not** send reminders to submit the Statement of Experience and Financial Condition. NOTE: For firm's fiscal year ending December 31, 2007, your SEFC is required by June 30, 2008. (See submittal requirements under recurring notices, Titled "CONSULTANT PREQUALIFICATION SUBMITTAL TIMES."

Firms that meet the requirements for prequalification receive a letter after the review of the Statement of Experience and Financial Condition that notes the firm's Annual Fee capacity, provisional overhead rate and the date the firm's prequalification ends. The last paragraph of the letter states if the entire or only the corporate and financial portion of the Statement of Experience and Financial Condition is required to remain prequalified.

The last paragraph will state the following when the entire Statement of Experience and Financial Condition is required: "Your firm is prequalified until [FIRMS FISCAL YEAR ENDING DATE (SPECIFIC TO EACH FIRM)]. You will be given an additional six months from this date to submit the entire "Statement of Experience and Financial Condition" (SEFC) to remain prequalified. "The last paragraph will state the following when the corporate and financial portion is required: "Your firm is prequalified until [FIRMS FISCAL YEAR ENDING DATE SPECIFIC TO EACH FIRM)]. You will be given an additional six months from this date to submit the Corporate and Financial Information portion of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified."

Also, in every Professional Transportation Bulletin, under recurring notices, Titled "CONSULTANT PREQUALIFICATION SUBMITTAL TIMES" is a submittal schedule for consulting firms.

The most current Statement of Experience and Financial Condition is required to be submitted for review. An outdated SEFC will not be reviewed. The firm will be contacted and asked to submit the current SEFC. The most current Statement of Experience and Financial Condition (SEFC), Description and Minimum Requirements and a listing of all prequalified consultants are available at: http://www.dot.il.gov/desenv/preqcons.html

NOTICE
CONSULTANT PREQUALIFICATION SUBMITTAL TIMES
May 2008

For firms currently prequalified, the entire Statement of Experience and Financial Condition (SEFC) is required to be submitted every three (3) years.

Firms not prequalified (new firms or firms that lost prequalification) are required to submit the entire Statement of Experience and Financial Condition. Consultant firms are required to submit the corporate and financial portion of the Statement of Experience and Financial Condition annually to remain prequalified.

Firms are required to report to this office any additions or deletions of licensed professional staff or any other key personnel that would affect the firm's prequalification in a particular category. Notice of changes must be submitted within 15 calendar days of the change.

Once a firm is prequalified, they may request additional categories of prequalification at any time.

After the review of a firm's SEFC is completed, a letter is sent to the firm that denotes in the last paragraph if the entire SEFC is required or if the corporate and financial only is required.

Submittal times are based on the firm's fiscal year; i.e. Firms fiscal year ends Dec. 31, 2007, the Consultant is given a 6 month grace period to submit and therefore has until June 30, 2008 to submit. Firm is submitting the 2007 information in 2008.

The following schedule is attached for your use:

Firm Name Beginning with:	2008 Submittal	2009 Submittal	2010 Submittal	2011 Submittal	2012 Submittal	2013 Submittal
A through E	Corp. & Financial	Corp. & Financial	Entire SEFC	Corp. & Financial	Corp. & Financial	Entire SEFC
F through N	Entire SEFC	Corp. & Financial	Corp. & Financial	Entire SEFC	Corp. & Financial	Corp. & Financial
O through Z	Corp. & Financial	Entire SEFC	Corp. & Financial	Corp. & Financial	Entire SEFC	Corp. & Financial

Illinois Department of Transportation
Requirements for Quality Assurance Categories

May 8, 2008

As stated in previous notices:
The QA categories require that all Consultants requesting prequalification in any of the Quality Assurance categories be enrolled in the AASHTO AAP Proficiency Assessment Program.

IDOT requires Consultants enrolled in the program to allow IDOT access to their proficiency ratings via the AASHTO AMRL web site for aggregate and HMA, and the CCRL web site for concrete. In order to meet the terms of this requirement, as part of the prequalification process, each consultant is directed to the AASHTO web site. http://amrl.net. A release form for CCRL may be found at in the recurring notices. This pdf file should be printed, signed, and faxed to CCRL at the address printed on the form. It should NOT be sent to the Illinois Department of Transportation.

As stated in the Description and Minimum Requirements for prequalification the QA Testing labs must be fully accredited for consideration for prequalification in QA.

Review the recurring notices labeled in the bookmarks as:

- Quality Assurance Enrollment in AMRL Proficiency Assessment Program
- Quality Assurance Testing
- CCRL Release Form

A firm not enrolled in the AASHTO AAP Proficiency Assessment Program and CCRL Proficiency Assessment Program **will not be** prequalified in the QA categories.

A firm that does not have an accredited lab **will not be** prequalified in the QA categories.

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

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 FOR DOCUMENTATION OF CONTRACT QUANTITIES

Information regarding the Documentation of Contract Quantities can now be found on our web site (www.dot.il.gov) under Public Partners. The registration form, registration process and class format is available.

If you have questions regarding this class or the content on the web page, please email cbctraining@dot.il.gov.

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
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

QUALITY ASSURANCE PREQUALIFICATION CATEGORY

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

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

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

Synopsis of requirements:

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

- The laboratory shall be accredited in all of the test procedures specified in Bureau of Materials and Physical Research (BMPR) Policy Memorandum "Minimum Private Laboratory Requirements for Construction Materials Testing or Mix Design." The current policy (2001-01)can be found in the Manual of Test Procedures for Materials. An update is scheduled to be published soon and may be viewed or downloaded from the Department's Web site.

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

The description of the prequalification categories, the SEFC, and the BMPR Policy Memo may be viewed or downloaded from the IDOT Internet Site: http:// www.dot.il.gov

Information about the AAP accreditation and AMRL programs may be found on the AMRL Web Site: http://patapsco.nist.gov/amrl/home/index.asp

Information about the CCRL inspection and proficiency sample programs may be found on the CCRL Web Site: http://www.bfrl.nist.gov/862/ccrl/front.htm

Questions may be addressed to your District Materials Engineer or the Central Bureau of Materials and Physical Research.

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

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.

Marlene K. Browning
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/default.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/Courses.asp