

# Professional Transportation Bulletin

PTB 147

February 7, 2008



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

# IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

**Selection Date: April 23, 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 February 7, 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:

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**Consultant Unit Chief**

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Phone: 217-782-6916

Or mailing address:

Bureau of Design and Environment  
2300 South Dirksen Parkway  
Room 330  
Springfield, IL 62764

## TIPS & TOOLS

### To save:

To save a section "right click" on the link and select "save target as". To save   the entire bulletin select "Download Complete Bulletin". This will save the self-extracting zip file.

### To access web links:

The first time the web links are accessed the Internet browser will need to be set. *This will only have to be done one time.* When a web link is clicked on, a dialog box will appear:

"A Web Browser has not been specified. Do you want to configure the web link".

#### Click YES.

Another dialog box will appear. Select the drop down list "connection type" then select an Internet browser. (IDOT employees choose Internet Explorer.)

### Using Tools:



To see previous view



To scroll through pages

### To copy information from the Adobe .PDF file and paste it into a word processing application:

To view toolbar (if not open) **CLICK** Window on the menu bar then **CLICK** Show Tool Bar in the drop down box.

Select the text tool (Capital T) from your toolbar and highlight the text you want to copy. Open word processing application and paste.

To paste in Word. Open new document in Word **CLICK** Edit on the menu bar then **CLICK** Paste in the drop down box.

In order to make the information more legible, change your left and right margins to 1". You may have to put in some returns at the ends of the lines in the appropriate places to make it easier to read.

# Tentative Schedule For Professional Transportation Bulletins

ACTIVITY	PTB 147	PTB 148	PTB 149	PTB 150	PTB 151	PTB 152	PTB 153
<b>PUBLISH PTB</b>	<b>02/07/08</b>	<b>05/08/08</b>	<b>08/07/08</b>	<b>11/13/08</b>	<b>02/05/09</b>	<b>05/07/09</b>	<b>08/06/09</b>
<b>***STATEMENTS OF INTEREST ARE DUE</b>	<b>02/28/08</b>	<b>05/29/08</b>	<b>08/28/08</b>	<b>12/04/08</b>	<b>02/26/09</b>	<b>05/28/09</b>	<b>08/27/09</b>
<b>SELECTION MEETING</b>	<b>04/23/08</b>	<b>07/23/08</b>	<b>10/22/08</b>	<b>01/28/09</b>	<b>04/22/09</b>	<b>07/22/09</b>	<b>10/21/09</b>

\*\*\* CONSULTANTS WILL HAVE 3 WEEKS FROM THE PTB PUBLISH DATE TO SUBMIT THEIR STATEMENTS OF INTEREST. STATEMENTS OF INTEREST WILL BE DUE BY 12:00 P.M. (NOON). STATEMENTS OF INTEREST RECEIVED AFTER 12:00 P.M. WILL NOT BE CONSIDERED. STATEMENTS OF INTEREST NOT CORRECT WILL NOT BE CONSIDERED, I.E. NOT SIGNED, NOT DATED, WRONG PTB AND/OR ITEM NUMBER, NOT ALL INFORMATION SUBMITTED THAT IS REQUESTED, FILLED OUT INCORRECTLY, WRONG FORMS SUBMITTED, ETC.

The new Disclosure of Business Operation in Iran document is required with this submittal. It is not yet available on the web site. It was e-mailed to all firms as a word document on January 22, 2008. There is notice in this PTB concerning this form.

All other forms are available on the website: <http://www.dot.il.gov/desenv/deform.html>

Required forms for each submittal are:

- [BDE XHBT-A](#) Consultant Exhibits A Rev. 11/06
- [BDE XHBT-B](#) Consultant Exhibits B Rev.11/06 (when required)
- [BDE CUR-OB](#) Consultant's Current Obligations for Statements of Interest. Rev. 09/06
- [BDE 3000](#) Delinquent Debt Certification (Consultant)
- [DISC 2](#), Disclosure Forms A & B Rev. 11/06

## **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 submittal should be addressed to [SOIPTB@dot.il.gov](mailto:SOIPTB@dot.il.gov)

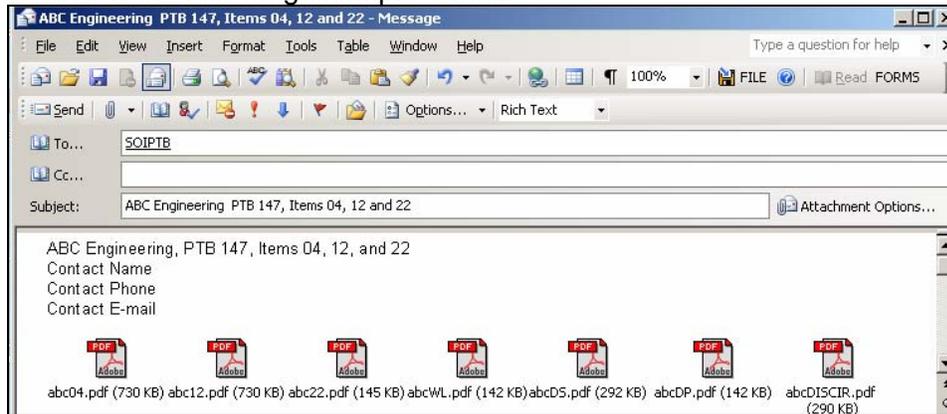
Each prequalified consultant firm has been assigned a unique 2 to 6 character Firm Name Code which must be used when submitting electronic Statements of Interest. This code appears on the SEFC Prequalification Page, which is sent with your annual prequalification letter and is located at the top of the page, which lists the prequalification categories, 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. Only one copy of the Current Obligation Form is required. Instructions shown on page one should not be sent.
- ABCDS is the Disclosure Forms. Only one copy of the Disclosure Forms is required. 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 for the Prime and any known subconsultants the prime will be using.
- ABCDISCIR is the Disclosure of Business Operations in Iran. Only one copy is required for Prime.

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, and Delinquent Dept Certification 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 = EXHIBIT A
- Exhibit B = EXHIBIT B
- Current Obligations = CURRENT OBLIGATIONS
- Disclosure Forms (A, B, and Offerors previously submitted) = DISC 2 (consultant)
- DELINQUENT DEBT = DELINQUENT DEPT

The Disclosure of business in Iran is not yet available on our website. A notice will be sent when it is available on the site.

If you have questions, Please contact Carrie Kowalski at [Carrie.Kowalski@illinois.gov](mailto: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>

<a href="#">Motorcycling</a>	<a href="#">Guide for Working with Railroads</a>
<a href="#">OBWD</a>	<a href="#">JULIE Update</a>
<a href="#">Public Partners</a>	<a href="#">List of Prequalified Firms</a>
<a href="#">Public Transportation</a>	<a href="#">List of Registered Subcontractors</a>
<a href="#">Safety Information</a>	<a href="#">Oil - Coal - Gas Mineral Leases / Instructions-Contacts</a>
<a href="#">Secretary of State</a>	<a href="#">Pay Item Summary</a>
<a href="#">Truckers</a>	<a href="#">Prime Contractor Prequalification</a>
	<a href="#">Posted Contract Change Authorization</a>
	<a href="#">Subcontractor Registration Form</a>
	<a href="#">Surety Company Contract Status Information</a>
	<b>Consultant Services</b>
	<a href="#">Bridge CADD Standards / Downloads</a>
	<a href="#">CADD Roadway Drafting Reference Guidelines</a>
	<a href="#">CADD Standards/Downloads</a>
	<a href="#">Consultant Forms</a>
	<a href="#">Consultant Prequalification</a>
	<a href="#">Facility Cost of Capital Rates</a>
	<a href="#">Federal Mileage Reimbursement Rates (for existing contracts with CONUS) <b>NEW</b></a>
	<a href="#">Consultants Professional Transportation Bulletins</a>
	<a href="#">Negotiation Information for Current Bulletin</a>
	<a href="#">Professional Transportation Bulletin Schedule</a>
	<a href="#">Standard Agreement Provisions for Consultants</a>
	<a href="#">State Mileage Reimbursement Rates <b>NEW</b></a>
	<a href="#">Uniform Audit and Accounting Guide</a>

Link for negotiation information

- **Region 1**
- **Diane O’Keefe**
  - **District One**
    - **Items 1 - 17**
- **Region 2**
  - **George Ryan**
    - **District 2**
      - **Item 18-19**
    - **District 3**
      - **Item 20**
- **Region 3**
  - **Joseph Crowe**
    - **District 4**
      - **Items 21-24**
- **Region 4**
- **Christine Reed**
  - **District 6**
    - **Item 25**
  - **District 7**
    - **Items 26-30**
- **Region 5**
- **Mary Lamie**
  - **District 8**
    - **Items 31-39**
  - **District 9**
    - **Items 40- 44**
- **Bureau of Bridges**
  - **Ralph Anderson**
    - **Items 45 - 46**
- **Bureau of Land Acquisition**
- **Richard Hunter**
  - **Item 47**

**Illinois Department of Transportation  
Division of Highways**

**CADD Roadway and Structure  
Project Deliverables Policy**

Effective: April 1, 2008

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# IDOT

## CADD REQUIREMENTS & PROJECT DELIVERABLES

### INTRODUCTION:

Pursuant to Illinois Department of Transportation Departmental Policy D&E-16, this policy has been established to promote the development of highway improvement projects in a consistent and efficient manner. This document supersedes the Electronic Data Transfer Standards, the GEOPAK Standard Specifications, the CADD Frequently Asked Questions, all effective as of August 2000, and the Electronic Survey Data Requirements, effective January 1995.

This policy is established to ensure that IDOT will receive CADD drawings for a given project that are in a standard and consistent format that IDOT staff are accustomed to working with and can manage. As a provider of services to IDOT, the consultant will need to have the following information in order to provide an acceptable deliverable. Through out the phases of the project with all parties complying, these requirements will provide a uniform project deliverable.

The ultimate goal of the Department is to take advantage of what technology has to offer and develop a process for electronic plans, that is, submission of plans in an electronic format. In order for that to happen there must be a level of consistency for drafting the plans and managing those files between all the entities that do the work in a fashion that will achieve a uniform product. The end product must be a deliverable that the Department can use and is compatible with all other associated processes the Department manages. This policy is an effort to move in that direction so that the information required and generated for a project can be effectively managed in an electronic format.

The Department will require CADD highway project data placed in a "Strip Map" format as surveyed on the Illinois state plane coordinate system with horizontal and vertical control elements in a design database. Contract plan sheets shall be created using references of the coordinate base files to the sheet files. The following are the requirements that must be met in order to provide an acceptable deliverable.

### GENERAL INFORMATION:

Complete MicroStation and GEOPAK project files are required at the time of final plan submittal. All files necessary to recreate the design contract plans in their entirety shall be included in the submittal. GEOPAK files shall include all files generated by GEOPAK Road and GEOPAK Survey. A "**Project Content File**" (a Microsoft compatible document or spreadsheet listing each file submitted with the description of file content and any references associated to design files) shall also be included with the above mentioned files at final submittal and each review submittal as required by the IDOT Project Engineer. CADD files that do not meet IDOT standards will be returned to the consultant for appropriate corrections at no additional cost to IDOT.

The format of the survey information to be submitted shall be according to Appendix B, Electronic Survey Data Requirements, of the Survey Manual. A hard copy and electronic copy will be required.

The Department may request a copy of the electronic project files at any time or at any designated review stage of the project. The frequency of submittals for plan review will be established at the beginning of the project.

Final project files shall be submitted on CD or DVD. Preliminary and Pre-final document transfers may be by CD, DVD, or posted to the IDOT FTP site <ftp://ftp.dot.il.gov/pub/> as per District preference. **Username: public Password: idot**

Project specific FTP folders, usernames, and passwords may be used by the District as noted here: <ftp://ftp.dot.il.gov/>\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Username: \_\_\_\_\_ Password: \_\_\_\_\_

Instructions for use of the IDOT FTP site are available via this link <http://idotweb/ftpconnect.doc>

**Roadway Plans:** The following are additional requirements that are specific to roadway plans.

All project plans shall be developed and delivered **ONLY** in MicroStation V8.x .dgn format. Design File extensions shall be either .dgn or .3d only. Other extensions, i.e., .sht or .ref will not be accepted. All project design (.dgn) files shall be in 2d format except 3d (.3d) files will be accepted when used in processing surveyed data or vertical and horizontal control, or for displaying Digital Terrain Models unless previously agreed to with the IDOT Project Engineer.

The current CADD configuration for roadway plans shall be downloaded from the **IDOT CADD Standards / Downloads** page, <http://www.dot.il.gov/cadd.html>. The current software versions used by IDOT are shown on this page. The IDOT CADD environment shall be downloaded and used for all CADD work. In order to be notified of updates, a subscription shall be obtained to the CADD Standards/Downloads Subscription Services.

Additional requirements for CADD work and contract deliverables shall be according to the **IDOT CADD Roadway Drafting Reference Guide**, <http://www.dot.il.gov/desenv/caddref.html>. In case of a conflict between documents, this document shall supersede the CADD project information provided in other Department manuals and guides.

**Structure Plans:** The following are additional requirements that are specific to structure plans.

All structure plans shall be developed and delivered **ONLY** in MicroStation V8.x .dgn format. Design File extensions shall be .dgn only other extensions, i.e., .sht or .ref will not be accepted. All project design (.dgn) files shall be in 2d format.

The current CADD configuration shall be downloaded from the **IDOT CADD Standards / Downloads** page <http://www.dot.il.gov/cadd.html>. The current software versions used by IDOT are shown on this page.

Additional requirements for CADD work and contract deliverables shall be according to the **IDOT CADD Structure Drafting Reference Guide** <http://www.dot.il.gov/bridges/bscadd2.html>.

## COORDINATION:

The project leader and consultant's senior CADD person shall meet with the IDOT Project Engineer and CADD support staff at the beginning of the project to review CADD drafting standards and discuss how files are to be delivered and the procedures to be followed. The meeting time will be determined by the IDOT Project Engineer. This meeting will be well worth the time and effort to reduce corrections at the time of project submittal.

## DESIGN FILE MANAGEMENT:

Plan sheet borders shall be placed at 0° with references rotated to match the sheet borders or viewed horizontally in the sheet file. If rotated views are used in the plan sheet files, sheet borders shall be displayed horizontally in the file or model.

IDOT color tables for roadway plans and structure plans are currently attached to all department seed files and shall be used in all design files. The department also defines a configuration variable to insure the correct color table is displayed in files without an attached color table. The IDOT color table for roadway plans is available on the IDOT CADD Standards / Downloads page <http://www.dot.il.gov/cadd.html>. The color table for structure plans is available on the Bridges and Structures CADD Support page <http://www.dot.il.gov/bridges/bscadd2.html>

All plans files, including cross sections, shall be submitted on standard sheet border format of the appropriate type as provided by IDOT or defined in the IDOT cell libraries for roadway or structure plans. Plan sheet files submitted shall have the associated references attached and appropriately documented in the sheet file and noted in the Project Content File, as defined in the section titled "GENERAL INFORMATION" of this policy.

In order to provide a simple level of file organization and maintain the file referencing, all project files shall be submitted in a file folder structure as follows:

<b><i>Project Folder Name</i></b>	<b><i>Folder Content</i></b>
 CADD Drawings	All CADD drawing files
 CADD Sheets	All CADD sheet files including structure sheets
 GEOPAK	All GEOPAK files
 Survey	All existing survey data obtained for the project
 Documents	Supporting documentation such as the Project Content File and/or other required documents or spreadsheets

**Roadway Plans:** The following are additional requirements that are specific to roadway plans.

All existing project topography data shall be placed in one design file. The project shall be drafted in one continuous strip. Different design items may be placed in individual strip files. For example, separate strip files may be developed for the existing survey, alignment, proposed plans (roadway, drainage, electric, etc.), proposed profiles, existing and proposed Right of Way, etc. The number of strip files shall be agreed upon at the first negotiation meeting.

The placement of all elements and text within a design file shall conform to IDOT CADD standards. These include, but are not limited to the IDOT MicroStation and GEOPAK environment files available on the IDOT CADD Standards/ Downloads page. It is essential to use the current IDOT seed files for the original generation of contract plan and cross section graphic files.

Utility, R.O.W. and centerline information shall be shown on cross sections using the standard IDOT cells found in the IDOTRoad.cel library.

Sample IDOT CADD files can be acquired for your reference by request from the IDOT Project Engineer.

**Structure Plans:** The following are additional requirements that are specific to structure plans.

The placement of all elements and text within a design file must conform to Bureau of Bridges and Structures CADD standards. These include, but are not limited to the IDOT MicroStation resource files, seed files, dgnlib files and the IDOT CADD Bridge Drafting Reference Guide which are available on the Bridges and Structures CADD Support page.

Sample IDOT CADD files may be acquired for your reference on the Bureau of Bridges and Structures CADD Support page.

### DESIGN FILE NAMING:

All design files shall be named according to the file naming conventions shown on Appendix A. File and folder names shall be no more than 35 characters. Do not use SPACES or special characters, except for dashes and/or underscores, in file or folder names.

The contract may require several project submittals for review or questions by the Project Engineer; therefore, folder or file renaming will not be allowed. For each required submittal the department will overwrite or update the current project copy located on the department project server to allow for quick response to any project questions.

### SURVEYS:

Point codes and associated descriptions used to label surveyed features shall be from the Survey Point Code Descriptions on the IDOT CADD Standards/Downloads web page, <http://www.dot.il.gov/cadd.html>.

Ground shots shall be taken to accommodate creation of a roadway model (digital terrain models -DTM's).

### GEOPAK:

The use of GEOPAK Road and GEOPAK Survey will be required for any project requiring horizontal and vertical control, and designated projects requiring land acquisition.

Each project submittal shall be delivered with only one GEOPAK database (\*.gpk) file. This one database file shall contain all alignments (roadway, stream, and ditch), profiles, including ditch profiles, and other elements necessary to derive the final design. Alignments and profiles are required for all roadways, cross streets, retaining and noise walls, as well as drainage flow areas, and other structural items. Profiles shall be named similar to the alignment names in cases of roadways. Top and bottom of walls and other structures shall reflect the respective alignment name. Roadway alignments and profiles shall include existing and proposed where appropriate.

All final project profile and alignment elements within the GEOPAK database file shall be documented in a Microsoft compatible document or spreadsheet file.

## GENERATION OF EXISTING GROUND CROSS SECTIONS:

When processing ground cross sections from DTM format, IDOT recommends using a horizontal tolerance of 0.1 feet and a filter tolerance variance of 0.03 feet, in the GEOPAK Ground Cross Section dialog box. This avoids the infinitesimal pieces of ground lines which impede the production of proposed cross sections and produce erroneous results in earthwork. Existing ground lines shall be plotted on level "XSC\_Exist Ground", color 10 at a line weight of 1 and with a line style of 3.

A master unit is defined as 1 U. S. survey foot. The horizontal distance between cross section cells shall be a minimum of 100 master units and the vertical distance between cross section cells shall be a minimum of 500 master units.

All existing ground data shall be processed using GEOPAK's DTM format (.tin).

## PROPOSED CROSS SECTIONS:

It is strongly recommended that GEOPAK's Typical Section Generator (TSG) be used along with the criteria files provided via IDOT's CADD download page to create proposed design cross sections. The criteria files have been coded for use with the TSG to follow IDOT Highway Standards. When manually drafting cross sections, for example a side road with only a few cross sections, element attributes must match attributes as defined in the TSG variables file. Two files shall be created. One file depicting the final TSG runs before manual changes are initiated and the contract cross section file that display the addition of manual changes.

Cross sections created without the use of the TSG must be coordinated with the IDOT Project Engineer and CADD supervisor.

## CROSS SECTION FILES:

Each alignment must have its own set of cross sections, including R.O.W. lines and centerline identification, with the exception of a multiple configuration (divided highway) which shall be on the same set of sections. The maximum number of cross sections per file is 500, unless earthwork balancing is required. It is recommended that cross sections for each alignment be in separate files. A viable GEOPAK cross section cell (i.e. recognizable by the cross section labeling window) must be present on each cross section at the correct location. Cross sections shall be labeled utilizing IDOT criteria input by station rather than graphically. The element symbology of all cross section elements shall be dictated by the IDOT criteria, via the use of the Typical Section Generator, or if standard criteria are not used, the element attributes shall conform to those listed in the variables.x file provided with IDOTCAD download. Under no circumstances will the top and bottom layer of any cross section feature have identical symbology including pavement features. Separate layers shall be provided for each aggregate. In place features, such as topsoil, pavement and shoulders shall be included on the cross sections.

## PROJECT MULTIPLE ALIGNMENT SETUP:

The existing ground lines and shapes must be color coordinated to facilitate the processing of proposed cross sections. A cross section match line or shear line, when multiple alignments are utilized, must be supplied in addition to the actual cross section pattern line file. Unless otherwise specified by the Department, the GEOPAK default settings shall be used as described in the GEOPAK documentation.

## SUPERELEVATION:

Shapes must be color coordinated to provide a visual difference between dependent and independent shapes. Shaping shall be done for all roadway pavements, acceleration and deceleration lanes, truck climbing lanes, but should exclude shoulders.

## STAGED CONSTRUCTION:

When staged earthworks or staging cross sections are required; a separate construction phase cross section file shall be provided for each project stage where earthworks are to be computed. See the section titled "PROPOSED CROSS SECTIONS" of this policy for additional information concerning required data.

## EARTHWORK:

Earthwork shall be processed to a tolerance of 0.01 for English or Metric, (which is the default menu setting in GEOPAK), and all input and log files shall be included. The results of the log files must be consistent with the graphic cross sections. Add volumes are permitted for unique circumstances on the project, such as driveway gravel quantities, but shall not be used in lieu of graphic elements for consistent trends in the sections (pavement or topsoil removal). A comment line added to the input file for each add volume shall specify the justification for the adjustment or a spreadsheet file shall be included to reflect the graphical end areas on the cross sections. Under no circumstances shall existing features or proposed features extend beyond the limits of the GEOPAK cross section cell. Earthwork shapes utilizing color stratification shall be included for all cross section files. Match lines are permitted where necessary to match two adjoining alignments; however, they may not be placed where they dissect a superelevation shape. When placed for sheet separation, the original cell must be left intact. GEOPAK cross section cells shall extend a minimum of 10 master units beyond the ground line.

## CADD ROADWAY FAQ's [Frequently Asked Questions]

### **What manuals and other policies govern CADD work for IDOT?**

CADD related policies for roadway drafting include:

Electronic Survey Data Requirements – Appendix B of the Survey Manual

CADD related reference manuals for roadway drafting include:

Survey Manual

Bureau of Design and Environment Manual

CADD Roadway Drafting Reference Guide

### **How can I assure that my design file meets IDOT's requirements and standards?**

Several things are involved. First, it is imperative to download and use the IDOT CADD environment and subscribe to the CADD Standards/Downloads Subscription Services to be notified of current updates. Make sure that the file adheres to the policies, standards and guidelines described in applicable Department manuals and policy memoranda. Also, verify that the drafting follows the conventions described in the IDOT CADD Drafting Reference Guide. Use IDOT supplied seed files when creating new drafting files. Provided you are using the latest dgnlib available, run MicroStation Standards Checker to assure compliance with IDOT CADD standards. Refer to the Standards checker.doc file for instructions.

### **What tools and electronic files are available from IDOT to assist with electronic drafting for IDOT?**

IDOT provides access to a number of CADD related files through IDOT's World Wide Web Internet site. These files include electronic versions of all IDOT standard symbols and Design Libraries, seed files for MicroStation, and various GEOPAK related files.

### **Where can I find IDOT's World Wide Web (WWW) Internet site?**

The site is located at <http://www.dot.il.gov>

### **What if I have other questions about using CADD for IDOT that aren't in the policies or manuals?**

Contact the IDOT Project Engineer. He or she can refer technical CADD questions to the appropriate CADD Supervisor.

### **What happens if I submit CADD files that do not meet IDOT standards?**

CADD files that, in IDOT's judgment, do not meet IDOT standards will be returned to the consultant for appropriate corrections at no additional cost to IDOT.

### **Can we submit CADD drawings with all work for a portion of the highway on a single sheet?**

No. IDOT standards require that a project be drafted in one continuous strip, not on individual sheets. Notes and Dimensions shall also be included on the strip plan or in sheet files if approved by the Project Engineer.

**How does IDOT complete final drafting using reference files?**

Final drafting is done in the file containing the strip plan or strip profile. This allows updates to be done in one location. These files are referenced to the sheets files. With the increase in the number of references that Microstation allows, project drafting can be accomplished with multiple strip files referenced to sheet files; for example, generate a survey topography file, an alignment file, proposed roadway, existing and proposed Right of Way, along with existing and proposed roadway and drainage profiles that could be referenced to sheet files. This method requires a complete and accurate Project Content File to describe all file content.

**Do Aerial Survey files come referenced in grid or ground distance format?**

Aerial Survey mapping files are referenced using grid distance format.

**Do I need to use IDOT supplied seed files for CADD drafting?**

Yes, **you need to use these files.** IDOT provides seed files through the Internet site so that working units are consistent between every file. The department seed files can be downloaded from this page, <http://www.dot.il.gov/cadd.html> on the IDOT website.

**Do files have to use the IDOT file naming conventions?**

Yes.

**Should I use 2D or 3D design files?**

Use 2D design files for roadway plans, profiles, cross sections and detail drawings. Use 3D design files for digital terrain models (DTM).

**Why aren't 3D design files used for roadway plans, profiles, cross sections and detail drawings?**

Since these elements are 2D representations, it makes sense to place them in a 2D file. Additionally, 2D files are needed for plotting from GEOPAK into the design file. Also, custom line styles in 3D files do not always display correctly.

**What are the seed files that are to be used for drafting IDOT roadway plans?**

For 2D English unit plans use:	<b>PLANeng.dgn</b>
For 3D English unit plans use:	<b>IDOTeng.3d</b>
For 2D Metric unit plans use:	<b>PLANmet.dgn</b>
For 3D Metric unit plans use:	<b>IDOTmet.3d</b>

**What are the seed files that are to be used for drafting IDOT roadway cross sections?**

For English Unit cross sections use:	<b>PLANeng.dgn</b>
For Metric Unit cross sections use:	<b>N/A (for MSv8)</b>

**What cell library should I use for drafting roadway plans?**

For 2D English Unit plans use:	<b>IDOTroad.cel</b>
For 2D Metric Unit plans use:	<b>N/A (for MSv8)</b>

# FAQ'S FOR SURVEYING FOR CADD PLANS

## **What are IDOT's electronic survey data deliverables?**

Two deliverables will be required: A hard copy document and an electronic copy of the hard copy document.

## **What are the contents of the hard copy document?**

The hard copy document must contain:

- A title page
- An index of documents/files
- Specific survey instructions
- The observation file listing
- The compiled reports
- A location map
- Appropriate sketches

## **What manuals and policies govern electronic surveying for IDOT?**

Related policies include:

- Electronic Survey Data Requirements – Appendix B of the Survey Manual

Related reference manuals include:

- Survey Manual

## **How can I assure that my survey meets IDOT's requirements and standards?**

Several things are involved. First, make sure that the survey adheres to the policies and guidelines described previously. Use IDOT's point codes when doing the survey. Survey a metric project in metric units. Survey an English project in English units. Finally, submit the survey data in the format described in the "Electronic Survey Data Requirements" Appendix B of the Survey Manual.

## **May I use a survey point code list other than IDOT's?**

No. Only IDOT's point codes and point code descriptions may be used when doing a survey for IDOT. Conversion from one point code system to IDOT's is not permitted.

## **What if I encounter a feature for survey that is not covered by a point code?**

If a feature, not covered by an IDOT point code is encountered, use one of the point codes described as "Default point code" for the feature. The point code number and its description should then be noted in the readme.txt file.

## **What is a "Default point code"?**

"Default point code" is a description given to a number of point codes in IDOT's Point Code Lookup table. When one of these point codes is used, the description must be changed from "Default point code" to a description of the feature that the point code represents. A separate "Default point code" must be used for each type of undocumented feature surveyed.

**How should the point codes be used?**

The point code that best describes the feature being surveyed should be assigned to the feature and an additional point code (material type) may be used to further describe the feature. For example, if a point at the left edge of a concrete pavement is surveyed, the point code would be 871 (Pavement Edge, Left) and the material code would be 774 (CONCRETE).

**What tools and electronic files are available from IDOT to assist with electronic surveying for IDOT?**

IDOT provides access to its point code list through its World Wide Web Internet site located at <http://www.dot.il.gov/cadd.html>.

**What if I have other questions about doing surveys for IDOT that aren't in the policies or manuals?**

Contact the IDOT Project Engineer. He or she can refer technical questions to the appropriate District CADD Supervisor or Chief of Survey.

**May I have IDOT review some sample survey files before I complete the project to ensure that I'm following the standards and requirements?**

Yes. You can arrange to have sample survey files reviewed, on a one time basis, by IDOT CADD staff to determine how closely the files adhere to IDOT standards. Contact the Project Manager to arrange this review. After the review, IDOT will expect that all submittals (regardless of project) will follow IDOT standards and requirements.

**Are there special considerations when preparing half sections such as driveways?**

To prepare electronic cross-sections for a half section, it is necessary to take at least one shot past the roadway alignment chain so GEOPAK will create the cross section cell for that station. For entrances, the next ground shot is at the roadway centerline and then proceed to and through the entrance.

# CADD STRUCTURES FAQ's [Frequently Asked Questions]

## **What manuals and other policies govern CADD work for IDOT?**

CADD related policies for structure drafting include:

All Bureau of Bridges and Structures technical manuals

CADD related reference manuals for structure drafting include:

CADD Structure Drafting Reference Guide

## **How can I assure that my design file meets IDOT's requirements and standards?**

Several things are involved. First, make sure that the file adheres to the policies, standards and guidelines described previously. Also, verify that the drafting follows the conventions described in the IDOT CADD Structure Drafting Reference Guide. Use IDOT supplied seed files when creating new drafting files. Provided you are using the latest dgnlib available, run MicroStation Standards Checker to assure compliance with IDOT CADD standards.

## **What tools and electronic files are available from IDOT to assist with electronic drafting for IDOT?**

IDOT provides access to a number of CADD related files through IDOT's World Wide Web Internet site. These files include resource files as well as cell libraries containing base sheets, miscellaneous details and symbols.

## **Do I need to use IDOT supplied seed files for CADD drafting?**

Yes, **you need to use these files.** The Bureau of Bridges and Structures provides seed files through the Internet site so that working units are consistent between every file. These files can be downloaded from this page <http://www.dot.il.gov/bridges/bscadd2.html> on the IDOT website.

## **What are the seed files that are to be used for drafting IDOT structure plans?**

For 2D English unit plans utilizing models, use:

**ebridge\_models.dgn**

For 2D English unit plans utilizing individual design files, use:

**ebridge\_individual.dgn**

## **What cell libraries should I use for drafting structure plans?**

A list of available cell libraries and their contents can be found at <http://www.dot.il.gov/bridges/bscadd2.html>.

## **Where can I find IDOT's World Wide Web (WWW) Internet site?**

The site is located at <http://www.dot.il.gov>

## **What if I have other questions about using CADD for IDOT that aren't in the policies or manuals?**

Contact the IDOT Project Engineer. He or she can refer technical CADD questions to the appropriate CADD Supervisor.

## **What happens if I submit CADD files that do not meet IDOT standards?**

CADD files that, in IDOT's judgment, do not meet IDOT standards will be returned to the consultant for appropriate corrections at no additional cost to IDOT.

## APPENDIX A

### DESIGN FILE NAMING

#### Roadway Plans:

##### File names of contract sheet files:

D\$12345-sht-cover.dgn	Cover sheet
D\$12345-sht-gennote.dgn	Index of Sheets, General Notes sheets
D\$12345-sht-SOQ.dgn	Summary of Quantities
D\$12345-sht-typical.dgn	Typical Sections
D\$12345-sht-schedule.dgn	Schedule of Quantities sheets
D\$12345-sht-ATB.dgn	Alignment, Ties and Benchmarks sheets
D\$12345-sht-plnprf.dgn	Design Plan & Profile sheets
D\$12345-sht-plan.dgn	Design Plan sheets
D\$12345-sht-profile.dgn	Design Profile sheets
D\$12345-sht-elev.dgn	Elevation sheets
D\$12345-sht-staging.dgn	Staging and Traffic Control plan sheets
D\$12345-sht-eros.dgn	Erosion and Sediment Control sheets
D\$12345-sht-drain.dgn	Drainage sheets
D\$12345-sht-rowplan.dgn	R.O.W. plan sheets
D\$12345-sht-parcel.dgn	R.O.W. plat sheets
D\$12345-sht-intersec.dgn	Intersection Details sheets
D\$12345-sht-pmk.dgn	Pavement marking plan sheets
D\$12345-sht-lndscp.dgn	Landscaping sheets
D\$12345-sht-ts.dgn	Traffic signal plan sheets
D\$12345-sht-light.dgn	Roadway Lighting sheets
D\$12345-sht-sign.dgn	Signing Plan sheets
D\$12345-sht-wetland.dgn	Wetlands Details sheets
D\$12345-sht-rem.dgn	Design removal sheets
D\$12345-sht-details.dgn	Detail drawings sheets
D\$12345-sht-soil.dgn	Soil report plan sheets
D\$12345-sht-blog.dgn	Boring Log Sheets
D\$12345-sht-xssht.dgn	Cross section sheets
D\$12345-sht-misc.dgn	Miscellaneous designs (non-highway work)
D\$12345-sht-tsl.dgn	Structure TS&L Drawings
D\$12345-sht-bcr.dgn	Bridge condition report
D\$12345-sht-ids.dgn	Geometrics IDS sheets
D\$12345-sht-rpt.dgn	Project report sheets

File names of continuous strip map drawing files:

D\$12345-topo.dgn	Topography plan conditions of project area
D\$12345-survey.dgn	Survey data owned by Survey Unit
D\$12345-gshot.dgn	XYZ ground shots file
D\$12345-CADD.dgn	CADD unit proposed compiled data file
D\$12345-Planning.dgn	Phase 1 Study work file
D\$12345-Environ.dgn	Environmental study work file
D\$12345-Design.dgn	Phase 2 Design Plans work file
D\$12345-Geom.dgn	Geometrics IDS work file
D\$12345-Hyd.dgn	Hydraulics Unit work file
D\$12345-prof.dgn	Phase 2 Profiles work file
D\$12345-drain.dgn	Drainage work file
D\$12345-ROW.dgn	Land Acquisition work file
D\$12345-Soil.dgn	Geotechnical soils work file
D\$12345-TS.dgn	Traffic Signal work file
D\$12345-light.dgn	Roadway Lighting work file
D\$12345-lndscp.dgn	Landscaping work file
D\$12345-eros.dgn	Erosion Control work file
D\$12345-staging.dgn	Traffic Staging and Traffic Control work file
D\$12345-wetland.dgn	Wetlands work file
D\$12345-pmk.dgn	Pavement marking work files
D\$12345-contour.dgn	Existing contour layout
D\$12345-util.dgn	Utility company survey
D\$12345-SUE.dgn	Sub-surface Utility Engineering
D\$12345-xscTSG.dgn	Cross sections after initial run of the TSG
D\$12345-xsc.dgn	Completed Cross Section cells
D\$12345-layout.dgn	Layout file for GEOPAK plan and profile sheet composition
D\$12345-geolines.dgn	GEOPAK work file
D\$12345-quantityfile.dgn	GEOPAK quantity shape file

Where: \$ = District number  
12345 = Contract number

For alternate designs an alpha character shall be added to the end of the file name (Ex: A=first alternate, B=second alternate, etc.). As an example, two alternates for a design plan would be named D\$12345-DesignA.dgn and D\$12345-DesignB.dgn.

If there is a continued sequence of files for a large project or a project contains multiple sections to which multiple files are required for each section, a numeric character shall be added to the end of the file name. As an example, two files that contain the design plan of a given project would be D\$12345-Design1.dgn and D\$12345-Design2.dgn.

Recognizing that using this naming convention may not cover all circumstances, if unique files are required or for large projects that may have a large number of design sections, the file naming may be modified to accommodate the situation. Any revised naming convention shall be requested and approved by the IDOT Project Engineer.

## **Structure Plans:**

For single design file using models:

The main design file shall be in the format: Structure Number-Contract Number.dgn (0100272-90758.dgn).

The Individual model names shall be in the format: Structure Number-Contract Number-Sheet Number (0100272-90758-001). The description fields shall be representative of what is in each model. The individual structure planning model name(s) shall be in the format: Structure Number-Contract Number-TSL-Sheet Number (0100272-90758-TSL-001).

For individual design files for each sheet:

Each planning and design file shall be named in the following format: Structure Number-Contract Number-Sheet Number-Brief description of sheet.dgn (0100272-90758-001-GPE.dgn).

Additional files or models required for the development of the plans (i.e. reference files/models) do not have to follow the above naming conventions. However, they must have file/model names that are representative of their content.

# Notice

## Disclosure of Business Operation in Iran

Beginning with the February 7, 2008 Professional Transportation Bulletin each submittal to the Department of Transportation for consideration for items in the Professional Transportation Bulletin must include a Disclosure of Business Operations in Iran.

Contact Carrie Kowalski at 217-782-6916 or at [Carrie.Kowalski@illinois.gov](mailto:Carrie.Kowalski@illinois.gov) with questions.

See Attached Disclosure of Business Operation in Iran.

To submit the following document, use the Consultant firm code followed by DISCIR.

Example: The Firm Code is "ABC"

The document file name would be ABCDISCIR.PDF

This document must be included as part of the submittal for PTB 147 and all subsequent bulletins for the firm to be considered for any of the items.

## Disclosure of Business Operations in Iran Form

PTB # \_\_\_\_\_ & Item(s) # \_\_\_\_\_

Public Act 95-0616 provides that each bid, offer, or proposal submitted for a State contract shall include a disclosure of whether or not the Company acting as the bidder, offeror, or proposing entity, or any of its corporate parents or subsidiaries, within the 24 months before submission of the bid, offer, or proposal had business operations that involved contracts with or provision of supplies or services to the Government of Iran, companies in which the Government of Iran has any direct or indirect equity share, consortiums or projects commissioned by the Government of Iran, or companies involved in consortiums or projects commissioned by the Government of Iran and either of the following conditions apply:

- (1) More than 10% of the Company's revenues produced in or assets located in Iran involve oil-related activities or mineral-extraction activities; less than 75% of the Company's revenues produced in or assets located in Iran involve contracts with or provision of oil-related or mineral-extraction products or services to the Government of Iran or a project or consortium created exclusively by that government; and the Company has failed to take substantial action.
- (2) The Company has, on or after August 5, 1996, made an investment of \$20 million or more, or any combination of investments of at least \$10 million each that in the aggregate equals or exceeds \$20 million in any 12-month period, which directly or significantly contributes to the enhancement of Iran's ability to develop petroleum resources of Iran.

The terms "Business operations", "Company", "Mineral-extraction activities", "Oil-related activities", "Petroleum resources", and "Substantial action" are all defined in the Act.

Failure to make the disclosure required by the Act shall cause the bid, offer, or proposal to be considered not responsive. The disclosure will be considered when evaluating the bid, offer, or proposal or awarding the contract. The name of each Company disclosed, as doing business or having done business in Iran will be provided to the State Comptroller.

**To be in compliance with the Disclosure of Business Operations in Iran Check the appropriate statement:**

- Company has no business operations in Iran to disclose.**
- Company has business operations in Iran as disclosed in the attached document(s).**

The following must be signed and dated by a person authorized to execute contracts for the offeror.

### THE FOLLOWING STATEMENT MUST BE SIGNED

_____ Name of Authorized Representative (type or print)	
_____ Title of Authorized Representative (type or print)	
_____ Signature of Authorized Representative	_____ Date

**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:

<b>AASHTO (Illinois Modified)</b>	<b>ASTM</b>	<b>Description</b>
<b>AGGREGATES</b>		
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)
<b>HOT-MIX ASPHALT</b>		
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
<b>CONCRETE</b>		
T 22 (IL)	C 39	Compressive Strength of Cylinders
T 23 (IL)	C 31	Making and Curing Test Specimens in the Field
T 119 (IL)	C 143	Slump
T 121 (IL)	C 138	Weight, Yield, and Air Content
T 126 (IL)	C 192	Making and Curing Test Specimens in the Laboratory
T 152 (IL)	C 231	Air Content-Type A or B Pressure Method
T 196 (IL)	C 173	Air content by Volumetric Method (if performed)

- Select Next
- Select Finish

IDOT AMRL Proficiency Verification  
Page 2

Once the process is complete, consultants will no longer be required to submit AASHTO AMRL Proficiency Results as part of the prequalification process.

Contact the Consultant Services Unit of the Illinois Department of Transportation, Bureau of Design and Environment at (217)-782-6916 or the Bureau of Materials and Physical Research at (217) 782-7200 if you require additional information.

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

# NOTICE

## Revised Statement of Experience and Financial Condition

The revised Statement of Experience and Financial Condition (SEFC) and the Description and Minimum Requirements are Effective March 1, 2008. It is available on the website and Consultants are encouraged to review the new SEFC and the Description and Minimum Requirements. Documents located at <http://www.dot.il.gov/desenv/preqcons.html>

In order to give Consultants time to submit requests for revised categories, Professional Transportation Bulletin 147 will NOT require the new requirements.

For PTB 148, subsequent bulletins, all new prequalification requests, and all renewals require the most recent SEFC dated March 2008 to be submitted.

### **OUTDATED SEFC DOCUMENTS WILL NOT BE REVIEWED**

If an outdated Statement of Experience and Financial Condition is submitted, the firm will be notified and allowed to resubmit the correct form for consideration.

The following is a brief listing of the major changes within the Statement of Experience and Financial Condition and Description and Minimum requirements. Firms are encouraged to do a thorough review of both the SEFC and Description and Minimum Requirements. The only categories that require immediate submittal for our review are the Bridges, Typical, Advanced Typical and Complex, Geotechnical, Quality Assurance and Bituminous Mix Design Categories. These are marked with **NEW SUBMITTAL REQUIRED**. A firm not submitting the new questionnaire for Bridges, Typical, Advanced Typical, and Complex, Geotechnical, Quality Assurance, and Bituminous Mix Design Categories by April 1, 2008 will be considered **not** prequalified in the above categories effective April 1, 2008. Firms are not required to resubmit on any of the other categories until their normal renewal time of the entire Statement of Experience and Financial Condition.

### **Bridge Categories: (NEW SUBMITTAL REQUIRED)**

Typical, advanced typical, and complex were revised.

- Because of the significant increase in areas requiring seismic analysis, the department's revisions involve making the design of seismically "regular" structures part of the structure prequalification category they are associated with.
- The required number of Illinois Licensed Structural Engineers on staff has changed.
- Previously the Structures questionnaire required information for the individual(s) who would be performing geotechnical analyses and preparing foundation recommendations. The new questionnaire has eliminated this. We are recommending any firms that are prequalified in any of the Structures Categories to review the new geotechnical categories and apply for the applicable categories, since any Geotech work required for the structure will require the firm to be prequalified in the applicable Geotech category.

**Special Studies:**

Location Drainage: Category requires more information to be given on type of projects and experience.

Traffic Studies: Clarification and included Traffic impact studies and On-site Traffic Circulation.

**Hydraulic Reports:**

More specific in the information required.

**Geotechnical: (NEW SUBMITTAL REQUIRED)**

Completely revised by breaking up into 4 categories to better distinguish the type of Geotech engineering services we needed:

1. Subsurface Explorations
2. General Geotechnical Services
3. Structure Geotechnical Reports (SGR)
4. Complex Geotechnical/Major Foundations Services

**Environmental Prequalification:**

1. Lowering the requirement for Environmental Leads (at the EA level) from 2 completed documents to 1; and
2. Allowing ECAD's to be considered (although not as equivalent of an EA's).
3. changed terminology of Socio-Economic to Community Impacts
4. Formatting to help clarify requirements

**Hazardous Waste:** Clarifications and increased number of projects and staffing requirements.

**Quality Assurance Testing: (NEW SUBMITTAL REQUIRED)**

Revised by breaking into three categories (complete, PCC and HMA)

**Bituminous Mix Design: (NEW SUBMITTAL REQUIRED)**

There are new personnel requirements and a revised questionnaire.

**Subsurface Utility Engineering (SUE).** Clarification in the services required for SUE.

If a firm that is currently prequalified desires to be considered for additional categories submit a cover letter stating the additional categories the firm wants and submit the applicable data, i.e. resumes, project description, and a questionnaire if applicable.

**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:

$$\text{Compensation} = \text{DL} + \text{DC} + \text{OH} + \text{FF}$$

Where FF:

**For Prime Agreements is:**

$$(0.37 + R)\text{DL} + \% \text{DL}$$

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**

$$(0.37 + R)\text{DL}$$

Where:

R= Complexity Factor: 0, 0.035, or 0.07

DL = Direct Labor

DC= Direct Cost

OH= Overhead Rate

# Introduction

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

**PROFESSIONAL TRANSPORTATION BULLETIN #147**  
**February 07, 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 on the basis of 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, February 28, 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: (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.
  - b) 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.
  - c) 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) 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, sent to the Central Bureau of Design and Environment, is required.
- 10) Instructions for completing **Forms A** and **B** are included on pages 1 and 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, sent to the Central Bureau of Design and Environment, is required. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.
- 11) The Delinquent Debt Certification is separate document. Only one document with all pertinent data is required for each prime. Instructions are included at the bottom of the Delinquent Debt document.

# Guidelines for Submitting Statements of Interest (SOI)

- 12) The Disclosure of Business Operations in Iran is a separate document. Only one document is required for each prime. Instructions are included at the bottom of the Disclosure of Business Operations in Iran document. The Disclosure of business in Iran is not yet available on our website. A notice will be sent when it is available on the site.
- 13) Exhibit A, Exhibit B, the Current Obligations Form, Disclosure Forms and the Delinquent Debt Certification 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**

Ms. Christine Reed

### **District 6**

126 East Ash St.  
Springfield, IL 62704

Ms. Christine Reed

### **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

To verify that the Department has received your Statements of Interest you may call (217)524-7591.

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2.	Will	Phase III work for construction inspection on I-55 at IL 59.
3.	Will	Phase III work for construction inspection on IL 59/IL 126 to Caton Farm Road.
4.	Will	Phase III work for construction inspection on IL 59, Caton Farm Road to US 52.
5.	Lake	Phase III work for construction inspection on US 41 (Skokie Highway) at IL 132 (Grand Ave).
6.	Will	Phase III work construction inspection on I-57 at Manhattan-Monee Road.
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<u>Item #</u>	<u>County</u>	<u>Description</u>
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1. **Job No. C-91-171-08 & C-91-249-99, U.S. 6 (159<sup>th</sup> St.) I-294 to IL 1, Construction Inspection, Cook County, Region One/District One.**

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 an initial meeting on **May 14, 2008** at **10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for improvements to US 6 (159<sup>th</sup> St.) I-294 to IL 1. Work includes but is not limited to providing a 2-lane section in each direction with a median left turn-lane; construction of new jointed PCC Pavement, intersection improvements at Lexington Ave., Park Ave., Center St. /West Ave. and Fisk Ave., storm sewers and drainage structures, water main relocation, landscaping, roadway & under-bridge lighting, traffic signals, retaining walls and removal & disposal of contaminated soils. The proposed improvement includes bridge replacement of two (2) CN and Metra Railroad bridges over US 6 with five (5) new bridges; railroad roadbed & track construction, CN and Metra utility, signals, catenary structures & intermodal facility work. All roadway work will be in metric units and all bridge & railway work will be in English units.

The following structures are included in this project:

- S.N. 016-2755, Metra & CN Bridge 20.6 over US 6
- S.N. 016-2819, CN Gateway Lead Track Bridge 20.6E over US 6
- S.N. 016-2820, Structures for CN Intermodal Yard vehicles over US 6
- S.N. 016-2821, Structures for CN Intermodal Yard vehicles over US 6
- S.N. 016-2822, CN Thoroughfare Track Bridge 20.6E over US 6
- S.N. 016-0384, ICRR/Metra over US 6
- S.N. 016-0385, ICRR over US 6

The department will furnish the Consultant with plans and specifications.

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

The estimated construction cost for this project is \$56,000,000. The Consultant's work includes but is not limited to providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project. The Consultant will also provide the tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on site inspection, layout, including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

The construction completion date is expected to be by October 31, 2011 + 20 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than 6 weeks after the completion of the construction project.

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

- The Liaison Engineer
- The Assistant 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

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](mailto:SOIPTB@dot.il.gov).

2. **Job No. C-91-263-97, I-55 at IL 59, Construction Inspection, Will County, Region One/District One.**

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 **May 15, 2008 at 2:00 P.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for the improvement of I-55 at IL 59. Work includes but is not limited to the relocation and reconstruction of I-55/IL59 interchange ramps (NB IL 59 exit ramp and SB IL 59 entrance ramp), relocation and reconstruction of East Frontage Road, construction of a new NB IL 59 exit ramp flyover bridge, removal of existing NB IL 59 exit ramp flyover bridge, construction of auxiliary lanes along I-55 between the IL 59 interchange and I-80 interchange, shoulder widening and lighting. Widening and reconstruction of IL 59 from I-55 to DuPage River Bridge, construction of new elevated intersection for IL 59, Seil Rd., and the NB and SB ramps with traffic signal, reconstruction of retaining wall at the DuPage River Bridge. Widening and reconstruction of retaining wall along the south side of Seil Road. All work for this project will be in English units.

The following structures are included in this project:

- S.N. 099-0030 – Existing IL 59 Exit Ramp over I-55
- S.N. 099-4642 – Proposed IL 59 Exit Ramp over I-55
- S.N. 099-0284 – Existing IL 59 over DuPage River

The department will furnish the Consultant with plans and specifications.

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

The estimated construction cost for this project is \$24,000,000. The Consultant's work includes but is not limited to providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project. The Consultant will also provide the tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on site inspection, layout, including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The construction completion date is expected to be by July 30, 2010 + 15 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the construction project.

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

- The Liaison Engineer.
- The Assistant 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.

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](mailto:SOIPTB@dot.il.gov).

3. **Job No. C-91-124-04, IL 59/IL 126 to Caton Farm Rd., Construction Inspection, Will County, Region One/District One.**

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 **May 15, 2008** at **8:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for the improvement of IL 59, IL 126 to Caton Farm Rd. Work includes but is not limited to roadway construction, earth excavation, furnished excavation, storm sewers, drainage structures, portland cement concrete pavement, combination concrete curb and gutter, guardrail, traffic signals, traffic signal interconnect, striping, signing and all incidental and collateral work necessary to complete the improvement as shown in the plans. There is an omission at IL 59 over the DuPage River Bridge. All work for this project will be in English units.

The department will furnish the Consultant with plans and specifications.

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

The estimated construction cost for this project is \$25,800,000. The Consultant's work includes but is not limited to providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project. The Consultant will also provide the tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The construction completion date is expected to be by July 30, 2010 + 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than 6 weeks after the completion of the construction.

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

- The Liaison Engineer
- The Assistant Engineer
- The Materials Coordinator

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

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](mailto:SOIPTB@dot.il.gov).

4. **Job No. C-91-123-02, IL 59, Caton Farm Rd. to US 52, Construction Inspection, Will County, Region One/District One.**

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 **May 15, 2008** at **10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for the improvement of IL 59 Caton Farm Rd. to US 52. Work includes but is not limited to roadway work, culvert and retaining wall construction, earth excavation, furnished excavation, reinforcement bars, concrete structures, concrete superstructures, storm sewers, drainage structures, portland cement concrete pavement, combination concrete curb and gutter, guardrail, traffic signals, traffic signal interconnect, striping, signing and all incidental and collateral work necessary to complete the improvement as shown in the plans. All work for this project will be done in English units

The following structures are included in this project:

S.N. 009-4660 – IL 59 over Hammel Creek

S.N. 009-W016 – Retaining Wall

The department will furnish the Consultant with plans and specifications.

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

The estimated construction cost for this project is \$35,000,000. The Consultant's work includes but is not limited to providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project. The Consultant will also provide the tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The construction completion date is expected to be by July 30, 2010 + 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than 6 weeks after the completion of the construction.

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

- The Liaison Engineer.
- The Assistant Engineer.

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

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](mailto:SOIPTB@dot.il.gov).

5. **Job No. C-91-404-99, US 41 (Skokie Highway) at IL 132 (Grand Ave.), Construction Inspection, Lake County, Region One/District One.**

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 **May 14, 2008** at **2:00 P.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for the improvement of US 41 (Skokie Highway) at IL 132 (Grand Ave.). Work includes but is not limited to replacing the existing interchange at US 41 and IL 132, which currently has exit and entrance ramps in the median of US 41, with a conventional right-hand ramp interchange. US 41 will be resurfaced and/or reconstructed from Estes Ave. to Dorchester Ave. and IL 132 will be improved from Ferndale St. to Magnolia St. Lighting and traffic signal modernization will be included in this improvement. All work for this project will be in English units.

The following structures are included in this project:

- S.N. 049-0030 – U.S. 41 over IL 132
- S.N. 049-0031 – U.S. 41 over IL 132
- S.N. 049-0209 – U.S. 41 over IL 132
- S.N. 049-W031, 049-W032, 049-W033, 049-W034, 049-W035, 049-W036, 049-W037, 049-W038 – Retaining Walls

The department will furnish the Consultant with plans and specifications.

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

The estimated construction cost for this project is \$22,000,000. The Consultant's work includes but is not limited to providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project. The Consultant will also provide the tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The construction completion date is expected to be by November 20, 2009. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than 6 weeks after the completion of the construction.

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

- The Liaison Engineer.
- The Assistant Engineer.
- The Materials Coordinator
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials QA Technician.
- The Survey Chief.

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](mailto:SOIPTB@dot.il.gov).

6. **Job No. C-91-283-01, I-57, at Manhattan-Monee Rd., Construction Inspection, Will County, Region One, District One.**

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 **May 14, 2008** at **8:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for the improvement of I-57 at Manhattan-Monee Rd. Work includes but is not limited to interchange reconstruction of I-57 at Manhattan – Monee Rd. and the entire removal and replacement of the bridge structure carrying Manhattan-Monee Road over I-57. The existing bridge structure will be removed and replaced with a new bridge 81 feet out to out deck with 3 lanes of traffic in each direction, a raised median and sidewalks. An 80-foot long, 9-foot high (average) soldier pile concrete retaining wall will be constructed at the SE corner of the interchange. All work for this project will be done in English units.

The interchange ramps at the NE ,SE and SW quadrants will be reconstructed for a limited distance at the ramp terminals (100-200 feet average length per each ramp) using concrete pavement due to high stress intersections at the ramp terminals. The NW ramp will be partially reconstructed and resurfaced to connect to the new auxiliary lane. A new “exit only” auxiliary lane will be added along the SB direction of I-57 for about 1500 feet. Three overhead sign structures will be provided.

One traffic signal at both ramp terminals will be provided, modernized, and interconnected. The existing traffic signal will be utilized as a temporary traffic signal for maintenance of traffic. The project will be stage constructed with one lane of traffic in each direction along Manhattan-Monee Road. Lane/shoulder closures along I-57 mainline will also be required. The existing lighting system along Manhattan-Monee Road will be upgraded within the project limits and the existing 4 high mast light towers within the I-57 median will be removed and replaced with standard light poles along the edge of shoulders. A new drainage system will be constructed consisting of Class A storm sewers, manholes, catch basins, and inlets as necessary.

The proposed pavement will consist of 12-inch aggregate subgrade and 11-inch PCC jointed pavement. The areas of resurfacing will include a layer of 1-inch leveling binder and 1.5 feet of HMA surface course. The new auxiliary lane pavement along I-57 SB will be constructed of full depth HMA pavement.

The following structures are included in this project:

- S.N. 099-0159 – Manhattan-Monee Road over I-57
- S.N. 099-4647 – Manhattan-Monee Road over I-57

The department will furnish the Consultant with plans and specifications.

Quality Assurance (QA) oversight and Contractor’s Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the

same plant are prohibited. At the negotiations meeting, the prime Consultant and subconsultant(s) will disclose all current relationships with contractors.

The estimated construction cost for this project is \$9,500,000. The Consultant's work includes but is not limited to providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish an Assistant Engineer and adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project. The Consultant will also provide the tools of the trade. These tools will include an office computer system capable of running ICORS software. The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The construction completion date is expected to be by October 31, 2009 + 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than 6 weeks after the completion of the construction.

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

- The Assistant Engineer.
- The Materials Coordinator
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained. **Include the Documentation Certificate Number IDOT class S-14, Documentation of Contract Quantities**)
- The Materials QA Technician.
- The Survey Chief.

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](mailto:SOIPTB@dot.il.gov).

7. **Job No. P-91-202-08, Various Phase I/II Project Management, Various Routes, Various Counties, Region One, District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 30, 2008 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I and/or II engineering services are required by an engineering manager. The Consultant Project Manager (PM) will support IDOT staff in managing local agency projects. This work involves working directly with the local agency and their consulting firms as well as other bureaus in the department. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. The PM will be expected to perform work similar to an IDOT Local Roads Project Engineer & staff. Key staff from the PM will usually be required to perform the work in the District offices. This work may include engineering, technical support, engineering management, project control, administrative services and field assignments necessary in bringing completion to projects expeditiously. All work for this project will be in English units.

The PM Consultant is prohibited from providing the above engineering services for projects on which they have a contract with the department and/or are acting as a subconsultant. Additionally, the PM Consultant, if selected for Phase II work, may not be managed by any of the Consultants for which they are providing the above services during Phase I.

Joint Ventures will not be allowed on this project.

Services are anticipated to consist of managing and/or coordinating Local Agency engineering projects assigned, including Phase I/II projects, environmental work, MFT processes and any other associated work necessary to complete the listed work, all in accordance with IDOT and Federal standards and contract administration. Work may also consist of managing the Illinois Structure Information System.

The department will furnish the Consultant with Work Stations.

The estimated construction cost of these projects may range from \$10,000 to \$100,000,000. 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.

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).

Statements of Interest must include a proposed organizational chart for the proposed PM Consultant team as well as the approach the firm would take on a management project and a summary of the pertinent experience of the firm managing the Phase I and Phase II projects. A list of staff's proficiency in computer software should also be included.

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

**Highways (Roads & Streets)**  
**Special Studies (Location Drainage)**  
**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](mailto:SOIPTB@dot.il.gov).

8. **Job No. D-91-193-08, Various Phase II Work for Land Acquisition Projects, Various Routes, Various Counties, Region One, District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 25, 2008** at **2:30 pm** at the Region One, District One Office in **Schaumburg**.

Phase II services required for this contract will augment the staffing of the Land Acquisition Bureau. The Consultant will be required to supply personnel with experience in the following areas: Land Survey, Cadd, Database and GIS. 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 applicable department policies and procedures.

The Consultant's work includes Plat and Legal review, Cadd, GIS, and Data base support. This work must be completed within 36 months after authorization to proceed.

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

- The person who will perform/supervise the work in the area of Land Surveying (must be an Illinois Licensed Professional Surveyor).
- The person(s) who will perform the Cadd, Database and GIS work.

Firms 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](mailto:SOIPTB@dot.il.gov).

9. **Job No. R-91-016-01, US 30, Approximately Station 515+83 East to Harlem Ave., Land Surveys, Will County, Region One, 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 scheduled to attend an initial meeting on **April 25, 2008** at **10:30 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for Land Surveying services to prepare land acquisition documents for approximately 100 parcels along US 30 from Station 515+83 to Harlem Ave. 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 includes Field and office resources to prepare a statutory Plat of Highway, legal descriptions, and field staking of the same. The completion date for this contract will be 90 days after authorization to proceed.

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

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

Firms 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](mailto:SOIPTB@dot.il.gov).

10. **Job No. R-91-016-01, US 30, US 45 East to Approximately Station 515+83, Land Surveys, Will County, Region One/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 scheduled to attend an initial meeting on **April 25, 2008 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for Land Surveying services to prepare Land Acquisition documents for approximately 100 parcels along US 30 from US 45 East to approximately Station 515+83. 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 includes Field and office resources to prepare a statutory Plat of Highway, legal descriptions, and field staking of the same. The completion date for this contract will be 90 days after authorization to proceed.

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

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

Firms 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](mailto:SOIPTB@dot.il.gov).

11. **Job No. D-91-152-08, Various Sign Structure Inspections, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are to attend a negotiation meeting scheduled on **April 30, 2008** at **9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

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 on selected aluminum trusses and the chords for Vierendeel steel trusses will be required. 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'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, be able to read and interpret shop drawings, be physically able to work at heights, operate an automatic camera and other specialized testing equipment. The Consultant shall have a licensed Structural Engineer who has the expertise in welding and weld details on sign structures and is capable of making recommendations on structural repairs.

The 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 preparation of structural reports and recommendations (must be an Illinois Licensed Professional Engineer).
- The person who will perform the structural inspection work (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 field inspection reports and recommendations (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate report review experience).

Statement of Interest must also include the Consultant's relevant sign structure inspection projects completed by the firm for IDOT or another State agency within the past four years by members of the Consultant's current key personnel staff as listed above. The Statements of Interest shall list all applicable structural inspection projects.

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

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

12. **Job No. P-91-160-08, Various Phase I Project Management, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are is scheduled to attend an initial meeting on **April 29, 2008** at **9:00 A.M.** at the Region One/District One Office in **Schaumburg**.

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

The PM Consultant is prohibited from providing the above engineering services for projects on which they have a contract with the department and/or are acting as a subconsultant. Additionally, the PM Consultant, if selected for Phase II work, may not be managed by any of the consultants for which they are providing the above services during Phase I.

The Consultant's work may include but is not limited to the following:

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

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

The cumulative value of these projects is anticipated to exceed \$100,000,000. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

Key personnel listed on **Exhibit A** 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 assume the duties of managing the day-to-day environmental work effort and the person(s) responsible for managing the environmental disciplines including water quality, traffic noise, socio-economics, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.

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

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

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

13. **Job No. P-91-158-08, Various Surveys, (NPDES Compliance), Various Routes Various Counties, Region One, District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 29, 2008 at 10:30 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required, under a work order agreement, to perform field surveys for various roadway projects to enable the department to proceed with Phase I studies and prepare contract plans. Work Orders under the blanket agreement will be negotiated by the department on an as-need basis. It is anticipated that this contract will include six or more projects during the contract period. All work for this project will be in English units.

Joint ventures will not be allowed on this contract.

Timely completion of assignments in accordance with established schedules with few, if any needed corrections is of primary importance. Any required correction due to errors, omissions, or ambiguities on the Consultants part will be promptly completed by the Consultant in a timely manner with no additional compensation. Quality of original submittals and timely submittals of any required correction will form the basis for the Consultants performance evaluation and their eligibility for future selections. The Consultant will be required to document each submittal has resulted from the requisite QC/QA review by the Consultant prior to submittal to the department.

The Consultant's work may include, but is not limited to, route and stream surveys, gathering topography, cross-sections, profile, existing and proposed centerline alignment, drainage inverts, right-of-way monuments, and land use determination, hydraulic and centerline plots, plotting of the field information collected, outfall mapping using high accuracy GPS data collector to import to ARC GIS, and possibly supplementing the district staff for establishing control for mapping projects. All survey information submitted must be acceptable for design purposes, and prepared per IDOT specifications. Engineering services are required to perform various field reviews to evaluate compliance with requirements of NPDES and other items as necessary.

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 perform/supervise the work in the area of Land Surveying (must be an Illinois Licensed Professional Surveyor).
- The person who will serve as Survey Party Chief, if different from person above, that will coordinate all fieldwork.

Firms must be prequalified in the **Special Services (Route Survey)** 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](mailto:SOIPTB@dot.il.gov).

14. **Job No. D-91-192-08, Various Land Surveys, Various Routes, Various Counties, Region One, District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 25, 2007** at **1:00 P.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for land surveying services throughout the district. 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 alignment data, title reports, existing right-of-way plats, and proposed right-of-way requirements as each work order is negotiated.

The Consultant's work includes Field and office resources to prepare statutory plats of highway, legal descriptions, and field staking of the same. Some GIS and data base work might also be required. They must also have a QA/QC plan to review internal work as well as assigned IDOT projects. The completion date for this contract will be 12 months after authorization to proceed.

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

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

Firms 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](mailto:SOIPTB@dot.il.gov).

15. **Job No. D-91-149-08, Various Traffic Signal Coordination and Timing (SCAT) Projects, 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 **April 29, 2008 at 9:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required for developing traffic signal coordination and timing for various systems throughout the district. 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 manuals, plans, and/or other available information.

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

- After a Work Order has been assigned, the Consultant shall have two (2) weeks to implement a functional interim Time-of-Day operation program.
- Data Collection - Field collection of traffic counts, turning movements, signal phasing, signal timings, equipment inventory, and other data needed to quantify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models, such as SIGNAL, Transyt 7F, Passer II, and Synchro will be run on the database for each of the selected locations. Recommendations for optimal signal operation plans will be generated utilizing the existing signal equipment and equipment with minor recommended enhancements using the existing signal phasing and recommendations for improving signal phasing. Engineering judgment will be used to select the final plan to be recommended for implementation.
- Implementation - The approved Time-of-Day optimization plan will be placed in operation with any necessary fine-tuning adjustments. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation - A study of the effectiveness of the optimization plan will be conducted. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of carbon monoxide emissions. Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.
- Monitoring – Responsibility of monitoring all existing systems and submitting weekly reports detailing problems and errors in the database.

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.

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 has the necessary experience with traffic signal equipment and who will recommend equipment enhancements, implementation of the optimization plans, and recommend any fine-tuning adjustments.
- 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 the ability to set-up a closed-loop traffic responsive system using both volume and occupancy settings. The individual(s) must demonstrate recent District One experience in the development of traffic signal coordination and timing, utilizing the District's standard traffic controllers: Eagle and Econolite.

Statements of interest must also include a list of completed projects by the firm and current staff involving traffic signal coordination and timing.

Firms must be prequalified in the **Special Studies [Signal Coordination & Timing (SCAT)]** category to be considered for this project.

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

16. **Job No. D-91-201-08, Various Value Engineering Projects, Various Routes, Various Counties, Region One, District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 30, 2008** at **10:00 A.M.** at the Region One, District One Office in **Schaumburg**.

Phase II engineering services are required on approximately 10 to 15 various projects throughout the District for use primarily on phase I and phase II projects. This work shall include Value Engineering (VE) Studies submitted in a written report. 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 primarily in English units.

The Consultant will assemble a multi-disciplined VE project team of approximately 5-7 people. The VE team is to be lead by an Illinois Licensed Professional Engineer with experience in roadway and bridge design and carries the designation as a certified value engineer specialist. The VE team will use brainstorming techniques to develop good alternatives to the proposed project design, generating a large and creative list of potential solutions to items identified in the Investigation and Analysis phases. The VE team should be structured so there is appropriate expertise to evaluate the major problem areas anticipated within the project. In addition to the technical discipline such as design, construction, and environmental, the VE team must possess experience in construction cost estimating and cost-benefit analysis. The VE team must also have CADD micro-station capability to develop, analyze, and propose modifications within the VE time schedule. "Read-Only" CADD files in Micro-Station format will be made available to the VE team.

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

The department will furnish the Consultant with roadway plans, microfilm of old plans, project reports, traffic data, soils reports, hydraulic reports, location drainage studies, bridge condition reports and other information as available. The VE team leader is to coordinate with the department on specific needs for the particular project to be studied.

The estimated construction cost of these projects may range from \$20,000,000 to \$70,000,000. The Consultant's work includes evaluating, determining and developing the best alternative. The Consultant will present the recommendation to the department along with an implementation plan. The Consultant will be responsible for developing the Value Engineering Report. A step by step record of the VE analysis is required as part of the VE Report. 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.

Statement of Interest must include a proposed organizational chart for the proposed VE team as well as the approach the firm would take on developing a VE report.

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 VE studies).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person or people who will perform the responsibilities of being the Value Engineering Team Leader (One leader per project). This person must be an Illinois Licensed Professional Engineer and a Certified Value Engineering Specialist. In addition, the supporting Value Engineering Team members must be identified.

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](mailto:SOIPTB@dot.il.gov).

17. **Job No. P-91-224-08, Various Phase I/II Project Management, Various Routes, Various Counties, Region One, District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 30, 2008** at **1:00 P.M.** at the Region One, District One Office in **Schaumburg**.

Phase I and/or II engineering services are required by an engineering manager. The Consultant Project Manager (PM) will support IDOT staff in managing local agency projects. This work involves working directly with the local agency and their Consulting firms as well as other bureaus in the department. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. The PM will be expected to perform work similar to an IDOT Local Roads Project Engineer & staff. Key staff from the PM will usually be required to perform the work in the District offices. This work may include engineering, technical support, engineering management, project control, administrative services and field assignments necessary in bringing completion to projects expeditiously. All work for this project will be in English units.

The PM Consultant is prohibited from providing the above engineering services for projects on which they have a contract with the department and/or are acting as a subconsultant. Additionally, the PM Consultant, if selected for Phase II work, may not be managed by any of the Consultants for which they are providing the above services during Phase I.

Joint Ventures will not be allowed on this project.

Services are anticipated to consist of managing and/or coordinating Local Agency engineering projects assigned, including Phase I/II projects, environmental work, MFT processes and any other associated work necessary to complete the listed work, all in accordance with IDOT and Federal standards and contract administration. Work may also consist of managing the Illinois Structure Information System.

The department will furnish the Consultant with Work Stations.

The estimated construction cost of these projects may range from \$10,000 to \$100,000,000. 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.

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).

Statements of Interest must include a proposed organizational chart for the proposed PM Consultant team as well as the approach the firm would take on a management project and a summary of the pertinent experience of the firm managing the Phase I and Phase II projects.

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

**Highways (Roads & Streets)**

**Special Studies (Location Drainage)**

**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](mailto:SOIPTB@dot.il.gov).

18. **Job No. P-92108-07/D-92-108-07, FAP 316 (IL 26/US 52), Phase I/II Engineering Services for Structure Removal and Replacements, Lee County, Region Two, District Two.**

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

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

**This project requires 15% DBE participation.**

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 **April 29, 2008**, 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 a Location/Design Report and final contract plans for the removal and replacement of three structures. The Location/Design Report is for the removal and replacement of three structures located on IL 26. 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 that these project will be a Categorical Exclusion.

The following structures are included in this project:

- S.N. 052-0025 – IL 26 over a drainage ditch, located 0.5 mi. S. of Amboy Rd.
- S.N. 052-0026 – IL 26 over the Green River, located 2.3 mi. S. of Amboy Rd.
- S.N. 052-2029 – IL 26 over the Green River, located 2.5 mi. S. of Amboy Rd.

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 \$1,725,000. 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).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Surveyor).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms 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](mailto:SOIPTB@dot.il.gov).

19. **Job No. P-92-056-07/D-92-056-07 and P-92-057-07/D-92-057-07, FAP 742 (IL 2) and FAP 316 (IL 26/US 52), Phase I/II Engineering Services for Structure Removal and Replacement, Ogle County, Region Two, District Two.**

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

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

**This project requires 15% DBE participation.**

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 **April 30, 2008**, 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 two Location/Design Reports and final contract plans for the removal and replacement of two structures. The first Location/Design report is for the removal and replacement of a structure located on IL 2 over the BNSF Railway. The second Location/Design report is for the removal and replacement of a structure located on IL 26 over the BNSF Railway. 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 that these projects will be Categorical Exclusions.

The following structures are included in this project:

- S.N. 071-0026 – IL 2 over BNSF Railway, located at the S. edge of Oregon.
- S.N. 071-0010 – IL 26 over BNSF Railway, located 1.0 mi. S. of the junction of US 52

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 \$4,320,000. 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).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Surveyor).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

Firms 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](mailto:SOIPTB@dot.il.gov).

20. **Job No. P-93-015-06 and D-93-025-08, FAP 591 (US 34) from West of Gletty Rd. at Sandwich to Chilton Way in Plano, Phase I/II Engineering Services including Context Sensitive Solutions (CSS) for Reconstruction/Rehabilitation, DeKalb and Kendall Counties, Region Two/District Three.**

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

**This project requires 20% DBE participation.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **April 25, 2008** at **10:00 A.M.** at the Region Two, District Three Office in **Ottawa**.

Phase I and II engineering services are required for the preparation of a Combined Design Report, Environmental Assessment (anticipated to be a categorical exclusion), and final contract plans for the improvement of US 34 from west of Gletty Rd. at Sandwich to Chilton Way in Plano. During Phase I, various alternatives are to be developed and studied to determine if the proposed improvement will be on existing or new alignment. In addition, this project has been identified as a Context Sensitive Solutions (CSS) project. All work for this project will be in English units.

The anticipated scope of work is pavement rehabilitation and/or reconstruction of the roadway to provide two to four travel lanes throughout the entire length of the project with appropriate auxiliary lanes. An urban cross section shall be pursued; therefore, storm water collection and management will need to be evaluated.

The Consultant's Phase I work is anticipated to include data collection (including traffic counts), alternate alignment studies, ground survey; crash analysis, intersection design studies, traffic analysis, drainage studies, cost estimates, environmental studies, right of way requirements and all other work necessary to complete the Combined Design Report and Environmental Assessment.

This project is expected to include public involvement utilizing Context Sensitive Solutions (CSS) and will require a Stakeholder Involvement Plan. Public involvement may include: holding informational meetings and public hearings, preparation of exhibits for meetings and hearings, and evaluation and incorporation of comments from these meetings into the report.

The department will furnish the Consultant with available construction plans, microfilm plans, field notes, traffic data, crash statistics, agency coordination, existing right-of-way plans, aerial photography, boring logs, and other information.

The estimated construction cost for the project is \$23,000,000. The completion date for Phase I will be 24 months after authorization to proceed. Phase II will be negotiated for the preparation of preliminary and final contract plans, special provisions, and estimates near the completion of Phase I. Phase II must be completed within 15 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 assume the duties of Project Engineer, that individual-in-charge who is directly involved in the development of the contract documents and will be responsible for all geometric studies and report preparation (must be an Illinois Licensed Professional Engineer).
- The drainage engineer, who will be responsible for all drainage work and investigations (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work with adequate plan review experience).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, 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.
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.

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

**Location/Design Studies (Reconstruction/Major Rehabilitation)**  
**Special Studies (Location Drainage)**  
**Special Services (Route Surveys)**  
**Highways (Roads & Streets)**

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

21. **Job No. D-94-047-03, FAP 685 (IL 9) over Shaw Creek, Phase II Services, McDonough/Fulton Counties, Region Three/District Four**

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

**This project requires 25% DBE participation.**

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

The Consultant who is selected for this project and all sub-consultants the Prime Consultant will be using is scheduled to attend a negotiation meeting on **April 25, 2008** at **1:00 P.M.** at the Region Three, District Four Office in **Peoria**.

Phase II engineering services are required for the preparation of contract plans, special provisions, and estimates for the removal and replacement of a structure, which carries IL 9 over Shaw Creek, and approximately 0.6 mile of widening and resurfacing including one culvert extension and replacement. All work for this project will be in English units.

The following structure is included in this project, S.N. 055-0019, IL 9 over Shaw Creek.

The Consultant's work includes preparing bridge, roadway and traffic control plans, as well as, conducting pick-up surveys and any other work necessary to complete the final contract plans and documents.

The department will furnish the Consultant with the surveys, any available plans, existing right-of-way plans, boring logs, existing Bridge Condition and Hydraulic Reports, structure ratings, TS&L drawings, Phase I files and other available information.

The estimated construction cost for this job is \$1,940,000. The completion date for this contract will be 12 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in-charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- The person who will perform/supervise the work in the area of structure plans preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review 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 land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in-charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).

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

**Highways (Roads & Streets)**  
**Structures (Highways: Typical)**

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](mailto:SOIPTB@dot.il.gov).

**22. Job No. C-94-034-08, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four**

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

**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 **April 24, 2008 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 the district. 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 various types of jobs to be staffed by Consultants will be, but are not limited to, route and seal, patching, traffic signals, landscaping, milling and resurfacing, and pavement marking.

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

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

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

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

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

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

- The Liaison (with current IDOT Construction Documentation certificate)
- 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

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 & Environment at the following address: [SOIPTB@dot.il.gov](mailto:SOIPTB@dot.il.gov).

23. **Job Nos. P-94-011-07 and D-94-132-06, FAP 639 (IL 17), Structure over Edwards River, Phase I/II Services, Mercer County, Region Three/District Four**

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

**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 **April 25, 2008** at **9:00 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a Categorical Exclusion) and contract plans for the removal and replacement of the IL 17 structure over Edwards River. All work for this project will be in English units.

The following structure is included in this project, S.N. 066-0006 IL 17 over Edwards River.

The Consultant's work is anticipated to include preparation of the Bridge Condition and Hydraulic Reports, 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 Report, 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, aerial photographs, boring logs, structure ratings, Structure Geotechnical Report, 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 \$5,555,000. The completion date for Phase I work for this contract will be 12 months after the 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, 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).
- 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 or an Illinois Licensed Structural Engineer).
- 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).
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor).

Firms 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](mailto:SOIPTB@dot.il.gov).

24. **Job Nos. P-94-005-06, D-94-038-06, FAP 698 (IL 89), Two Structures over All Forks Creek, Phase I/II Services, Putnam County, Region Three/District Four**

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

**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 **April 28, 2008 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 the removal and replacement of two structures on IL 89 over All Forks Creek. All work for this project will be in English units.

The following structures are included in this project:

- S.N. 078-0028, IL 89 over All Forks Creek, 1.2 miles North of IL 71
- S.N. 078-0029, IL 89 over All Forks Creek, 1.0 miles North of IL 71

The Consultant's Phase I work is anticipated to include preparation of the Bridge Condition and Hydraulic Reports, conducting route and land surveys (including a full hydraulic survey), performing simple environmental assessments, conducting drainage studies, 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.

Phase II engineering services required for both structures will include the preparation of 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, aerial photographs, boring logs and Structure Geotechnical Reports, structure ratings, and any 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. All work for these projects will be in English units.

The estimated construction cost for this job is \$720,000. Phase I work for this contract will be completed within 10 months after the authorization. Phase II will be negotiated near the completion of Phase I. Phase II work must be completed within 11 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, 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).
- 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).
- 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).
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor).

Firms 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](mailto:SOIPTB@dot.il.gov).

25. **Job No. D-96-047-08, Various Subsurface Utility Engineering, Various Routes, Various Counties, Region Four/ District Six.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 30, 2008 at 1:30 P.M.** at the Region Four, District Six Office in **Springfield**.

Phase I, II and/or III engineering services are required for subsurface utility engineering on approximately one to four projects throughout the district for use on primarily Phase I and II projects but may include Phase III. Work orders under the 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 shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required and direct cost. After the department gives the Consultant authority to proceed, the Consultant shall commence work within 10 calendar days. The subsurface utility engineering consists of providing the District with existing utility location information in written documents and electronic CADD files for the various projects assigned. This information shall be obtained by researching all utility company's records, which have facilities in the area, and by performing actual field surveys to verify and map at the appropriate quality level all existing utilities on the assigned project. Field surveys are to be performed to horizontally located 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 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, any available survey field notes, alignment data, cross ties, design CADD files, or benchmarks.

This work must be completed within 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 experienced in managing multiple subsurface utility engineering projects in an urban environment and 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 required for surveying (must be experienced in survey of utility features and an Illinois Professional Land Surveyor).

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

The Statement of Interest must also include the following:

- The firm's ability to provide staff and equipment for simultaneous projects at different locations
- A plan for developing a local office if the workload warrants

Firms must be prequalified in the **Special Services (Subsurface Utility Engineering)** 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](mailto:SOIPTB@dot.il.gov).

26. **Job No. D-97-015-08, Various Phase I and/or Phase II Projects, Various Routes, Various Counties, Region Four/District Seven.**

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

**This project requires 10% DBE participation.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 29, 2008** at **10:00 A.M.** at the Region Four, District Seven Office in **Effingham**.

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

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

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

The department will furnish the Consultant with available as-built plans, microfilm, field notes, existing right-of-way plans, aerial photos, boring logs, existing Bridge Condition & Hydraulic Reports, and other information necessary for the Consultant to accomplish his work.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, new bridge design, urban projects with storm sewer, widening and resurfacing and/or new roadway projects, which may include preparation of plats & plans for right-of-way acquisition.

The estimated construction cost for these projects may range from \$500,000 to 2,000,000. The Consultant's work may include either complete projects or a portion of the total engineering work on a certain project. 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 person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person who will perform the QC/QA review work 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).

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

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

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

27. **Job No. D-97-016-08, Various Phase I and/or Phase II Projects, Various Routes, Various Counties, Region Four/District Seven.**

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

**This project requires 10% DBE participation.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 29, 2008 at 1:30 P.M.** at the Region Four, District Seven Office in **Effingham**.

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

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

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

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

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, new bridge design, urban projects with storm sewer, widening and resurfacing and/or new roadway projects, which may include preparation of plats & plans for right-of-way acquisition.

The estimated construction cost for these projects may range from \$500,000 to 2,000,000. The Consultant's work may include either complete projects or a portion of the total engineering work on a certain project. The completion date for this contract will be 30 months after authorization to proceed.

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

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

- The person who will perform the QC/QA review work 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).

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

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

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

28. **Job No. D-97-017-08, Various Phase I and/or Phase II Projects, Various Routes, Various Counties, Region Four/District Seven.**

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

**This project requires 10% DBE participation.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 30, 2008** at **10:00 A.M.** at the Region Four, District Seven Office in **Effingham**.

Phase I and/or II engineering services are required for various projects throughout the district. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units and all NEPA documents must be in dual (English and metric) units.

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

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

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

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, new bridge design, urban projects with storm sewer, widening and resurfacing and/or new roadway projects, which may include preparation of plats & plans for right-of-way acquisition.

The estimated construction cost for these may range from \$500,000 to 2,000,000. The Consultant's work includes either complete projects or a portion of the total engineering work on a certain project. The completion date for this contract will be 30 months after authorization to proceed.

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

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

- The person who will perform the QC/QA review work 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).

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

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

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

29. **Job No. D-97-019-08, Various Survey Projects, Various Routes, Various Counties, Region Four/District Seven.**

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 **May 1, 2008 at 1:30 P.M.** at the Region Four/District Seven Office in **Effingham**.

Phase I and II engineering services are expected to consist of various route and land surveying projects throughout the district. 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.

Engineering services consist of existing and proposed centerline production, design surveying, hydraulic surveying, land surveying, (Right-of-Way, Easement, Premise) Plats, legal descriptions, Monument Records, courthouse recording, and staking proposed Right-of-Way. In addition, the Consultant selected may perform various route survey functions, including GPS in static and real time kinematics with NAD 83(2007) horizontal and NAVD 88 vertical control as well as E-bar electronic leveling, aerial mapping projects and topographic surveys on said datums. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required, and direct cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within 10 calendar days.

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

The Consultant will be required to contact local land surveyors for their input and will be expected to obtain historic survey records. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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

- The person in charge of Route Surveys and Land Surveys (must be an Illinois Professional Licensed Surveyor).
- The person who will perform the QC/QA review work of all submittal documents (must be an Illinois Professional Licensed Surveyor)

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

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

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

30. **Job No. R-97-004-08, Various Plats, Plans & Surveys, Various Routes, Various Counties, Region Four/District Seven.**

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 **May 1, 2007** at **10:00 A.M.** at the Region Four/District Seven Office in **Effingham**.

Phase II engineering services are required for plats and plans services to prepare Land Acquisition documents for approximately 30 parcels throughout the district. Work orders under the blanket agreement will be negotiated and authorized by the department on as-needed basis. All work for this project will be in English units.

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

The Consultant will be required to contact local land surveyors for their input and will be expected to obtain historic survey records. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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

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

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

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](mailto:SOIPTB@dot.il.gov).

31. **Job No. P-98-060-08, D-98-060-08, Various Phase I and/or Phase II Projects, Including Context Sensitive Solutions, Various Routes, St. Clair and Madison Counties, Region Five/District Eight**

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 **0.008**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial scope of services meeting on **April 24, 2008** at **9:00 A.M.**, at the Region Five, District Eight Office in **Collinsville**.

Phase I and/or Phase II engineering services are required for various projects. Work may include providing Program Development Training for the department. The Consultant and their staff may be assigned to manage various IDOT Phase I and/or Phase II projects, which are under contract with other Consultant engineering firms. This role of Project Manager (PM) would require the Consultant to perform work similar to an IDOT Project Engineer and their staff including but not limited to engineering, technical, management and administrative services to assist in bringing projects to completion in accordance with established schedules. 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.

Key staff from the Consultant selected for this work may be required to perform the work at the District Eight office in Collinsville.

The PM Consultant is prohibited from providing the above engineering services for projects on which they have a contract with the department and/or are acting as a subconsultant. Additionally, the PM Consultant, if selected for Phase II work, may not be managed by any of the Consultants for which they are providing the above services during Phase I.

The various proposed projects may include, but are not limited to, new construction/major reconstruction, complex structures, highway freeways, bridge repair, rehabilitation, or replacement, simple patching and resurfacing (including interstates), and widening and resurfacing and/or new roadway projects.

This project is expected to include public involvement utilizing Context Sensitive Solutions (CSS) and will require a Stakeholder Involvement Plan. Public involvement may include: holding informational meetings and public hearings, preparation of exhibits for meetings and hearings, and evaluation and incorporation of comments from these meetings into the report.

The Phase I work, if required, may include but not be limited to conducting route surveys, utility coordination, hydraulic surveys/analyses, geometric studies, amending Project Reports, data collection, development of alignment alternatives, cost estimates, traffic management analysis with TSIS-CORSIM or QUEWZ computer simulation programs, accident analysis, preparing environmental and hazardous waste documents, infrared testing of bridge decks and other related work and exhibits as necessary to complete the work.

The Phase II work if required may include but not be limited to preparing Bridge Condition Reports, preparing TS&L Reports, conducting route and/or land surveys, Geotechnical Structure Reports, traffic signal and utility coordination, roadway and/or bridge plans, hydraulic analysis/design, lighting and signing plans, construction inspection, assisting in Value Engineering studies, coordinating project wide staging and traffic management plans (TMP) and

any other related work to complete final plans, specifications, schedule and cost estimates, as necessary.

The Project Management (PM) work may include managing Phase I and/or Phase II Consultant projects. The work may include but not be limited to validating and monitoring project scope, reviews and contract administration, providing technical guidance to the department and Consultants on plan preparation, staging, construction scheduling and contract management, resolving design technical issues, managing and tracking cost, schedule and budget with Primavera P6 software, reviewing plans and specifications for conformance with approved design reports, environmental documents, current standards, policies, procedures and practices, ensuring all utility coordination and impacts have been addressed with Consultants and the District Utilities unit, conducting Value engineering studies, making certain all land acquisition coordination and impacts have been addressed with Consultants and the District Land Acquisition Section, providing information and plan clarifications as well as reviewing additions and deletions to contracts during construction, identifying and implementing all coordination and communication with stakeholders utilizing ProjectWise V8, conducting regular progress meetings and briefings for the department and other entities on project progress, responding to all external and internal requests for information, answers, plans, information and reports, developing an overall public involvement plan and a crisis management communication plan including the work to coordinate, schedule and prepare the content of all information for media/community release by department or Consultant staff, providing a local, central point of contact for members of the public, stakeholders and media to disseminate project information, reviewing geometric documents including intersection design studies (IDS) and all other work as necessary and required to manage assigned Consultant Phase I and/or Phase II projects.

Project coordination will require the selected Consultants to share, distribute, and collaborate on project information utilizing ProjectWise V8 software by Bentley for file management and storage.

All work prepared by the Consultant must be compatible with department software.

The department will furnish the Consultant with all Design Reports and Addendums, FEIS and Re-Evaluations, reports, electronic DTM files and base mapping, other pertinent electronic files developed in Phase I, approved Interchange and Intersection Design Studies, any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, survey information, aerial photos, boring logs and other information deemed applicable to the Consultant's work. All railroad and utility agreements will be provided by the department.

It is anticipated that the Consultant selected for this contract may manage projects with construction costs totaling between 10,000,000 to 25,000,000. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 24 months.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer; the individual directly involved in the development of the Contract Documents and the day-to-day project management (must be an Illinois Licensed Professional Engineer). In addition, the person's resume must include in detail the work experience relating to Design Project Management as a Senior Project Manager. The resume should include plan review experience and experience in

various phases of plan development such as cost estimation, project control, scheduling, and other contract document preparation. This individual will be required to be personally involved from the start of the projects through coordination during the construction phase.

- The person who will perform/supervise the work in the area of structural plan preparation and review (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 geometric studies, report preparation, and plan review (must be an Illinois Licensed Professional Engineer).
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.
- The person who will perform the QC/QA review work of all milestone submittal documents. This person 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:

**Highways (Freeways)**  
**Structures (Highway: Advanced Typical)**  
**Location/Design Studies (New Construction/Major Reconstruction)**

Statement of Interest must include a proposed organizational chart for the proposed PM Consultant team as well as the approach the firm would take on a management project and a summary of the pertinent experience of the firm managing the Phase I and Phase II projects. A list of staff's proficiency in computer software such as Microstation, Geopak, Highway Capacity Software, CORSIM and VISSIM) should also be included.

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](mailto:SOIPTB@dot.il.gov).

**32. Job No. P-98-006-08; FAI 270; I-270 over Chain of Rocks Canal, Madison County, Region Five/District Eight.**

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

**This project requires 15% DBE participation.**

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

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 **April 29, 2008** at **10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

This project will entail the evaluation of rehabilitation of the existing two structures carrying I- 270 over the Chain of Rocks Canal versus constructing a new structure. All work for this phase of the project will be in English units.

Phase I engineering services required for this project include the preparation of the Project Report, environmental review, bridge condition reports (BCRs), hydraulic report, public involvement, Type Size and Location (TS&L) drawings, interchange design study (IDS), traffic management plan (TMP), and all other work necessary to complete Phase I. As part of the traffic management plan, the Consultant will need to perform an impact analysis using a computer simulation program, such as QUEWZ, TSIS-CORSIM, quick zone, or other equivalent modeling programs.

The Consultant will be required to develop a project schedule using SURETRAK or comparable software.

Phase II engineering services required for this project includes contract plans, special provisions, and cost and time estimate (PS&E) for the anticipated rehabilitation work or the construction of a new structure.

The following structures are included in this project:

- S.N. 060-0036
- S.N. 060-0037

The department will furnish the Consultant with any available as-built plans, microfilm plans, traffic data, crash statistics, roadway, surveys, structural geotechnical reports, existing right of way plans, aerial photos, and any other applicable information.

The estimated construction cost for this project is \$61,000,000. The completion date for this contract will be 24 months after authorization to proceed.

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

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

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

Firms must be pre-qualified in the following categories to be considered for this project:

**Highways (Roads & Streets)  
Location/Design Studies (Reconstruction/Major Rehabilitation)**

In addition, the Consultant must be prequalified in at least **three (3)** of the following **Structure, Major Bridge** categories: **Steel Girder, Tied Arch, Segmental Concrete Box Girders, Continuous/Cantilever Truss, and/or Cable Stayed Girders**

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](mailto:SOIPTB@dot.il.gov).

33. **Job No. P-98-007-08; D-98-021-05; FAP 103 (IL 15), Total Structure Replacement over ICG Railroad and IL 13, 1.4 miles east of IL 159, St. Clair County, Region Five/District Eight.**

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

**This project requires 15% DBE participation.**

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

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 **April 28, 2008** at **10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

Phase I/II services are needed for replacement of dual structures carrying IL 15 over IL 13 and ICG Railroad. This project shall include investigation of four structures versus two structures, and the structure must meet current vertical clearances for railroad and roadway, which may increase the profile(s). All work for this phase of the project will be in English units.

The following structures are included in this project:

- S.N. 082-0051 (WB), 808 feet back to back abutments
- S.N. 082-0052 (EB), 746 ft back to back of abutments

Phase I engineering services required for this project include the preparation of a crash analysis, public involvement, geometric studies, environmental coordination, and all other work necessary to prepare a Project Report for Design Approval. In addition, the preparation of two to four Type Size and Locations (TS&L), and any Geotechnical Investigations, which shall include, but not limited to, soil borings and the preparation of the Structural Geotechnical Report.

Phase II engineering services required for this project includes contract plans, specifications, and estimate for the anticipated replacement of two structures. This PS&E package includes the structural plans, roadway plans, special provisions, estimate of time, and estimate of cost.

The department will furnish the Consultant with any available as-built plans, microfilm plans, traffic data, crash statistics, BCR, topographic survey, agency coordination, existing right of way plans, aerial photos, and other applicable information.

The estimated construction cost for this project is \$14,400,000. The Phase I completion date for this contract will be 24 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. The completion date for Phase II will be 12 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 duties of Structural Engineer, that individual in charge who is directly involved in the development of the contract structural documents (must be an Illinois Licensed Structural Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The 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 or an Illinois Licensed Structural Engineer).

Firms must be pre-qualified in the following categories to be considered for this project:

**Highways (Roads & Streets)**  
**Structures (Highway: Advanced 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](mailto:SOIPTB@dot.il.gov).

34. **Job No. P-98-008-08, Various Route Surveys, Various Routes, Various Counties, Region Five, District Eight.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **May 1, 2008 at 10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

Route surveying services are required under a blanket agreement for performing route surveys and hydraulic surveys throughout the district. The Consultant's work may include land surveying to establish the existing centerline alignment for projects, land surveying to measure and record all topographic features along specific routes, land surveying to create three-dimensional models for highway design projects, and land surveying to locate right of way, record research, preparation of and recording of monument records. The Consultant's work may include staking out the existing centerline alignment, as well as performing horizontal and vertical control surveys for highway design projects. The Consultant's work may also include performing floodplain cross sections, streambed profiles, waterway opening sketches, roadway profiles and other tasks necessary to complete hydraulic reports. The Consultant selected for this project shall be required to process their field data and submit their data in an electronic format while adhering to all IDOT's standards. The Consultant selected for this project shall be required to use IDOT's Point Code Listing while conducting the field survey and shall be required to submit all original field notes upon completion of said surveys. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will provide alignment information and horizontal and vertical control (if applicable), existing microfilm information and general survey requirements for each project.

It is anticipated that this contract will include approximately 10 to 20 such surveys. 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 be in charge of route surveys (must be an Illinois Licensed Professional Land Surveyor or an Illinois Licensed Professional Engineer).

Firms must be prequalified in the **Special Services (Route Survey)** 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](mailto:SOIPTB@dot.il.gov)

35. **Job No. D-98-006-08, Various Subsurface Utility Engineering, Various Routes, Various Counties, Region Five, District Eight.**

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 to attend a scope of services meeting on **April 25, 2008**, at **10:00 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 and 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. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required, and direct cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within 10 calendar days. All work for this project may be in either English or metric units.

This project includes providing the District with existing utility location information in written documents and electronic CADD files for the various projects assigned. This information shall be obtained by researching all utility companies' records that have facilities in the area and by performing actual field surveys to verify and map at the appropriate quality level all existing utilities on the assigned project. Field surveys are to be performed 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 surveying (must be experienced in survey of utility features and an Illinois Licensed Land Surveyor).

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

Firm must be prequalified in the **Special Services (Subsurface Utility Engineering)** 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](mailto:SOIPTB@dot.il.gov).

36. **Job No. C-98-054-08, Various Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

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

The Consultant who is selected for this project and all subconsultants who the prime Consultant will be using are scheduled to attend a negotiation meeting on **April 25, 2008 at 10:00 A.M.** at the Region Five/District Eight office in **Collinsville**.

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

The department will provide a Resident Engineer 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 department will furnish the Consultant with the construction plans and specifications.

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

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

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiations 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 Calendar years 2008 and 2009 construction season. 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, resume must include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of past experience with materials inspection. concrete/bituminous proportioning technicians
- Nuclear Density Inspectors, resumes must include evidence of 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

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

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

37. **Job No. C-98-055-08, Various Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **April 25, 2008 at 1:00 P.M.** at the Region Five, District Eight 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 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 department will furnish the Consultant with the construction plans and specifications.

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

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

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiations 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 Calendar years 2008 and 2009 construction season. 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, resume must include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of past experience with materials inspection. concrete/bituminous proportioning technicians
- Nuclear Density Inspectors, resumes must include evidence of 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

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

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

**38. Job No. D-98-061-08, Various Subsurface Utility Engineering, Various Routes, Various Counties, Region Five, District Eight.**

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

**This project requires 15.00% 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 **April 28, 2008, at 10:00 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 and 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. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required, and direct cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within 10 calendar days. All work for this project may be in either English or metric units.

This project includes providing the District with existing utility location information in written documents and electronic CADD files for the various projects assigned. This information shall be obtained by researching all utility companies' records which have facilities in the area and by performing actual field surveys to verify and map at the appropriate quality level all existing utilities on the assigned project. Field surveys are to be performed 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 36 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be experienced in managing multiple subsurface utility engineering projects in urban environments).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work required for surveying (must be experienced in survey of utility features and an Illinois Licensed Land Surveyor).

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

Firm must be prequalified in the **Special Services (Subsurface Utility Engineering)** 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](mailto:SOIPTB@dot.il.gov).

39. **Job No. D-98-062-08, Various Utility Coordination, Various Route, Various Counties, District Eight.**

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

**This project requires 15.00% 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 **April 24, 2008 at 10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

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

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

These services shall consist of coordination with the various utility companies. The services are anticipated to consist of the following tasks:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

All work prepared by the Consultant must be compatible with department software.

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

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

Firms must be prequalified in **Special Services (Subsurface Utility Engineering)** and/or **Highways (Roads and Streets)** to be considered for this project.

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

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](mailto:SOIPTB@dot.il.gov).

40. **Job No. P-99-001-08, FAP 332 (US 45), Phase I/II Services, Including Context Sensitive Solutions, From Eldorado to IL 141, Saline, Gallatin, and White Counties, Region Five/District Nine**

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

**This project requires 15% DBE participation.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **April 25, 2008 at 10:00 A.M.** at the Region Five/District Nine office in **Carbondale**.

Phase I/II engineering services are required to perform all work associated with the preparation of a Combined Design Report and Environmental Assessment for the proposed improvement of approximately 9.0 miles of US 45 between IL 142 in Eldorado, Saline County to IL 141 in Gallatin/White Counties to a proposed four (4) lane highway using Expressway Policy. The scope of work is expected to include the expansion of the existing facility to provide two travel lanes in each direction separated by an open ditch median and right and left turn lanes as required in the rural areas and an urban cross-section from IL142 to the north urban limits of Eldorado. The project is anticipated to utilize the department's Context Sensitive Solutions. All work will be done in English units.

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

- S.N. 083-0001, US 45 over North Fork Saline River
- S.N. 083-0002, US 45 over North Fork Saline River Overflow
- S.N. 083-2000, US 45 over Brush Creek

The Consultant's work will include data collection; alternate geometric studies; Intersection Design Studies; Interchange Type Study, Interchange Design Study, Traffic Management Analysis; accident analysis; Location Drainage Study and Hydraulic Reports ; Bridge Condition Reports; ground and hydraulic surveys; hazardous mailbox support survey; estimates of cost; preparation of public meeting exhibits; environmental consequence considerations and any other work necessary to complete the Combined Design Report and Environmental Assessment. The Consultant will be required to plan, schedule and conduct public informational meetings and a public hearing that will explain the project to the public and to receive public input into the design process. Land and route surveying services are expected for right-of-way staking, topography, cross sections, hydraulic surveys, plats and plans, legal descriptions, monument records and any other necessary surveying to complete the project.

The department will furnish the Consultant with available prints of old construction plans; existing right-of-way plats, existing and projected traffic data; aerial mapping; accident data; utility coordination; archaeological, historical and architectural coordination and correspondence; biological survey coordination; hazardous waste survey coordination.

The estimated construction cost for this project is \$45,000,000. The completion date for this contract will be 24 months after authorization to proceed. Phase II will be negotiated near the completion of Phase I. Phase II work must be completed within 24 months after 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 assume the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will be in charge/supervise land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge/supervise route surveys (must be an Illinois Licensed Professional Engineer and/or Illinois Licensed Professional Land Surveyor).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, community impacts, and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition.
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.
- The person who will 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:

**Structures (Highway: Advanced Typical)**  
**Location Design Studies (Reconstruction/Major Rehabilitation)**  
**Highways (Freeways)**

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

41. **Job No. P-99-002-08, FAP 331 (IL 13), Phase I/II for Structures over Big Muddy River, Jackson County, Region Five/District Nine.**

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

**This project requires 8% DBE participation.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **April 24, 2008 at 10:00 A.M.** at the Region Five/District Nine office in **Carbondale**.

Phase I and II engineering services are required for the preparation of Bridge Condition Reports, Hydraulic Reports, TS&L's and Project Report and the preparation of preliminary and final contract plans for the replacement and rehabilitation of the structures carrying IL 13 over the Big Muddy River. All work for this project will be in English Units.

The following structures are included in this project:

- S.N. 039-0013, IL 13 over Big Muddy River
- S.N. 039-0049, IL 13 over Big Muddy River

The Consultant's work will include data collection, Bridge Condition Reports, Hydraulic Reports, Structure Reports, type, size and location drawings, ground and hydraulic surveys, cost estimates, right of way information, environmental consequences and any other work necessary to produce a Project Report. Phase II work will include preparation of SGR's, PDO's, prefinal and final construction plans and any other work necessary to produce contract plans.

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

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

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

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

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

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

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

**Location/Design Studies (Rehabilitation)**  
**Structures (Highway: Advanced Typical)**  
**Highways (Roads and Streets)**

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

42. **Job No. P-99-003-08, FAI 64, (I-64) Phase I/II Engineering for Structures over Wabash River, White County, Region 5/District Nine.**

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

**This project requires 15% DBE participation.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **April 24, 2008** at **1:00 P.M.** at the Region Five/District Nine office in **Carbondale**.

Phase I and II engineering services are required for the preparation of Bridge Condition Reports, Hydraulic Reports, TS&L's, Combined Design Report, Environmental Assessment and the preparation of preliminary and final contract plans for the replacement of the structures carrying I-64 over the Wabash River in White County. All work for this project will be in English units.

The following structures are included in this project:

- S.N. 097-0003: I-64 over Wabash River
- S.N. 097-0004: I-64 over Wabash River

The Consultant's Phase I work will include data collection, Pre-phase I bridge study, coordination with all involved agencies, Bridge Condition Reports, Hydraulic Report, ground and hydraulic surveys, structure borings, preliminary cost estimates, right of way information, environmental consequences and related work necessary to produce a Combined Design Report and Environmental Assessment. Phase II work will include preparation of Structure Geotechnical Report, Structure Reports, TS&L's, Plan Development Outline's, all necessary permits, coordination with all involved agencies, prefinal and final construction plans, estimates and special provisions.

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

The completion date for this contract will be 72 months after authorization to proceed.

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

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

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, 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.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Land Surveyor or an Illinois Licensed Professional Engineer).

Statements of Interest must also include the firm's experience with structures that have spans greater than 200 feet and the firm and staff experience in performing seismic analysis for multi unit bridges (a multi-mode seismic analysis is anticipated to be required).

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

**Location/Design Studies (Reconstruction/Major Rehabilitation)  
Structures (Highway: Advanced Typical)  
Highways (Freeways)**

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

43. **Job No. R-99-016-08, Various Survey Projects, Various Routes, Various Counties, Region Five/District Nine**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **April 24, 2008** at **9:00 A.M.** at the Region Five/District Nine office in **Carbondale**.

Land and route surveying services are required under a blanket agreement to furnish land and route surveying, including assistance for surveys, in areas such as right-of-way staking, land surveying, topographic and cross sections for highway projects, hydraulic surveys, plats & plans, legal descriptions, monument records, and other survey related work. Some various Landscape Architectural services may also be required throughout the district. These projects are anticipated to consist of plans, special provisions and estimates for various landscaping projects. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work will be done in English units.

Local land surveyor project input is to be expected in obtaining historic survey reference data.

The department will provide the Consultant with available alignment data, vertical data, title reports, existing right-of-way plans and proposed right-of-way requirements as each work order is negotiated. The cost and completion dates for the work requirements will be negotiated by the department for each project prior to giving authorization to proceed under a work order.

The completion date for this contract will be 12 months after authorization to proceed.

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

- The person who will be in charge/supervise land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge/supervise route surveys (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor).
- The person who will perform the landscape architecture work,

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

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

Statements of Interest, including resumes of 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](mailto:SOIPTB@dot.il.gov).

44. **Job No. C-99-021-08, Various Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Nine.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **April 29, 2008** at **10:00 A.M.** at the Region Five/District Nine Office in **Carbondale**.

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

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 Engineer to work directly with the department's Resident Engineer and provide staff to perform the engineering services required for these projects or provide staff to supplement the department's staff. The Consultant's work force shall be adequately trained and experienced 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 assist the Resident Engineer with all documentation of the project. The various proposed projects may consist of pavement and surface removal, patching and resurfacing, bridge repair, bridge rehabilitation, bridge painting, electrical work, bridge replacement, widening and resurfacing, vertical/horizontal realignment and/or new roadway projects.

The department will furnish all necessary plans, specifications, standards, and related forms for record keeping. It is anticipated that the department will do all off-site material inspection for the assigned projects.

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

The estimated construction cost for these projects range from \$100,000 to \$25,000,000. The various projects are scheduled for construction during Calendar years 2008 and 2009 construction season. The Consultant must complete and submit final measurements, calculations, and contract record documentation to the department within four (4) weeks after completion of each project. The completion date for this contract will be 24 months after authorization to proceed.

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

- The Liaison Engineer (with current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT Class S-14, Documentation of Contract Quantities).
- The Documentation Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT Class S-14, Documentation of Contract Quantities**).
- Construction inspectors (with current IDOT Construction Documentation Certificate)
- The Paint Technician. The person performing the inspection and documentation of bridge painting must be NACE certified and have completed SSPC-C3 Lead Training. They must have at least five (5) years inspection experience on painting contracts with at least 2 years experience with lead abatement.
- The Consultant's staff that have the training and experience in no less than four of the following specific task areas: Hot Mix Asphalt Field Inspection, Concrete Structures, Earth Excavation and Embankment, Pavement Patching, Piling, PCC Paving Inspection, Erosion Control, Small Drainage Structures.

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

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

45. **Job No. D-30-009-08, Statewide Structural Engineering Services, 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 all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **April 25, 2008**, at **10:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Various structural engineering services are required by the Bureau of Bridges and Structures. Projects are anticipated to include NBIS and Element Level Inspections, Damage Inspections, plan preparation for the repair, rehabilitation, or replacement of structures, Load capacity rating of existing and/or new structures, drafting services and possible field investigations. The Consultant may be required to provide the appropriate bridge inspection equipment to complete NBIS and Damage Inspections and field investigations. The Consultants may also be required to provide the appropriate traffic control. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

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

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

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

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience).
- Person who will perform the work in the area of NBIS and Element Level inspections must be an NBIS qualified Team Leader and an Illinois Licensed Professional Engineer or Illinois Licensed Structural Engineer. In addition, the staff performing this work must be identified.

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

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

46. **Job No. D-30-010-08, Statewide Structural Engineering Services, 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 all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **April 25, 2008**, at **10:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

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

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

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

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

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer with adequate plan review experience).
- Person who will perform the work in the area of NBIS and Element Level inspections and training must be an NBIS qualified Team Leader and an Illinois Licensed Professional Engineer or Illinois Licensed Structural Engineer. In addition, the staff performing this work must be identified.

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

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

47. **Job No. R-55-001-93, Statewide Asbestos Surveys for Various Projects, Bureau of Land Acquisition.**

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 any subconsultants the prime Consultant is using are scheduled to attend a negotiation meeting on **May 1, 2008 at 10:00 A.M.** at the Harry R. Hanley Building, Bureau of Land Acquisition in **Springfield**.

Services are required to perform asbestos surveys of buildings requiring demolition. This work includes review of existing data, a building survey, asbestos sampling, and analysis and preparation of a hard copy and electronic report, summarizing the location and description of the identified asbestos, quantities, and a preliminary estimate of abatement costs. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

For performance of this work, the Consultant will be required to assign the necessary full-time staff described in its Statement of Interest and in many cases to respond in 5-7 days after authorization to proceed on work orders.

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 two additional 12 month periods.

In addition to **Exhibit A**, Statements of Interest must include the following:

- The location of the office from which most of the work for this project will be assigned and performed.
- Organizational chart showing the Administrative/Managerial and Technical/Professional Staff that will be assigned to this project.
- Biographical summaries of the key staff and their experience in this type of work including applicable licenses held.
- The name of the laboratory that will be used for this project and applicable (AIHA) accreditation documentation.
- A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders.

Firms must be prequalified in the **Special Services (Asbestos Abatement Surveys)** category to be considered for this project.

Statements of Interest, including resumes of key staff, must be submitted electronically to the Central Bureau of Design and Environment at the following address: [SOIPTB@dot.il.gov](mailto:SOIPTB@dot.il.gov).

# NOTICE

## ALLOWABLE DIRECT COSTS

**The allowable direct costs will be effective October 1, 2006 and will be effective on Proposals reviewed on or after October 1, 2006.**

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
Film and Film Processing**	Actual Cost
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(specific to project)	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	Actual Cost
Traffic Systems	Actual Cost
Mobile Phone (for traffic system implementation)	
Telephone Usage (for traffic system monitoring)	
Storm sewer cleaning and televising	Actual Cost
Traffic control and protection	Actual Cost
Aerial photography and mapping	Actual Cost
Utility exploratory trenching	Actual Cost

# NOTICE

## ALLOWABLE DIRECT COSTS

- \* Use of digital cameras verses film cameras is encouraged when firms own digital cameras and the discussion of their use will be part of the negotiations. Film & copies will be reimbursed at actual costs.
- On all agreements authorized after January 1, 2005, GPS Equipment will be considered tools of the trade.

### 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) radio communication	\$150/monthly phone (Maximum for firm's RE) Other phones \$60/month(Max.) 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).

## **CHANGE IN DIRECT LABOR MULTIPLIER**

Effective for the DIRECT LABOR MULTIPLIER METHOD OF COMPENSATION:

**FOR PROJECTS SELECTED AFTER MARCH 1, 2004** THE DIRECT LABOR MULTIPLIER USED FOR THE PRIME AND SUPPLEMENTAL AGREEMENTS ASSOCIATED WITH THESE PROJECTS WILL BE **2.80** IN THE COMPENSATION EQUATION:

$DLM = [(2.80 + R) \times \text{direct labor}] + \text{directs costs}$

R = complexity factor given in the advertisement.

**IF THE PROJECT WAS SELECTED PRIOR TO MARCH 1, 2004** THE DIRECT LABOR MULTIPLIER FOR ALL PRIME AND SUPPLEMENTAL AGREEMENTS ASSOCIATED WITH THE PROJECT IS AS FOLLOWS:

Phase I and II Primes and supplements for projects selected prior to PTB 127 = 3.0

(Except Phase II of Phase I/Phase II projects authorized after May 21, 2003)

Phase III primes for projects selected prior to PTB 127-2.80

All Primes and supplements for projects selected after March 1, 2004 or later and Phase II of Phase I/Phase II projects authorized after March 1, 2004 - 2.80.

# 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**

## **CONSULTANT PREQUALIFICATION**

**April 5, 2007**

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, 2006, your SEFC is required by June 30, 2007. (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**  
**April 5, 2007**

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.

Firms 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, 2006, the Consultant is given a 6 month grace period to submit and therefore has until June 30, 2007 to submit.

The following schedule is attached for your use:

Firm Name beginning with:	2007 Submittal	2008 Submittal	2009 Submittal	2010 Submittal
A through E	Entire SEFC	Corp. & Financial	Corp. & Financial	Entire SEFC
F through N	Corp. & Financial	Entire SEFC	Corp. & Financial	Corp. & Financial
O through Z	Corp. & Financial	Corp. & Financial	Entire SEFC	Corp. & Financial

The Corporate and Financial Portion of the Statement of Experience and Financial Condition consists of pages 1, 2 and 10 through 20.

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 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](http://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](http://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 of 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.

# ILLINOIS DEPARTMENT OF TRANSPORTATION NOTICE For DISCLOSURE FORM A

This is a reminder for all firms to review their current disclosure documents. It is imperative that the Disclosure Forms submitted are current and accurate. Disclosure forms not submitted accurately can jeopardize authorization of a contract.

Take a moment and make sure the correct “**Form for Offerors That have Previously Submitted Form A**” (See below) is being submitted. If your firm has changes, the firm is required to resubmit a new “**Disclosure Form A**”. If there are no changes the firm may continue to submit the “**Form for Offerors That Have Previously Submitted Form A**”.



**Form for Offerors That Have  
Previously Submitted Form A**

## CERTIFICATION STATEMENT SUBMITTED BY AUTHORIZED REPRESENTATIVE:

I have determined that the Form A disclosure information previously submitted is current and accurate, and all forms are hereby incorporated by reference in this offer. Any necessary additional forms or amendments to previously submitted forms are attached to this offer.

\_\_\_\_\_  
(Offering Company)

\_\_\_\_\_  
Name of Authorized Representative (type or print)

\_\_\_\_\_  
Title of Authorized Representative (type or print)

\_\_\_\_\_  
Signature of Authorized Representative

\_\_\_\_\_  
Date

The required forms for submitting a Statement of Interest are available at:  
<http://www.dot.il.gov/desenv/ptb/ptbforms.pdf>

## 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](http://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](mailto: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](mailto:Carrie.Kowalski@illinois.gov)

Signature Certification for Electronic Submittal



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/](http://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 :**

	<u>Location Drainage</u>	
*Name	<u>Mr. John Smith (ABC Engineering Assoc.)</u>	
Category	<u>PE</u>	(PE, SE, LS)
Registration #	<u>62012345</u>	
Year Registered	<u>1995</u>	State <u>IL</u>
Office Location:		
City	<u>Chicago</u>	State <u>IL</u>

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](mailto:Carrie.Kowalski@illinois.gov). The code is required so that the joint venture proposal is recognized as a joint venture.

# **NOTICE**

## **Mobilization on Phase 3 Consultant Contracts**

As of December 8, 2005 mobilization may be negotiated on Phase 3 contracts. Mobilization is a negotiated amount based on the demonstrated need (up to 3% of the upper limit of labor in the agreement), which a consultant may invoice the department for upon execution of the agreement. Half of the mobilization amount will then be deducted from the invoice billing at 25% of the project's completion and the second ½ from the invoice billing for 50% of the project's completion.

Note: This is **not** an additional amount of compensation above the prime agreement amount.

### **Implementation:**

- Phase 3 contracts only
- Firm must show during negotiations, the need for mobilization based upon demonstrated costs to be incurred prior to commencement of performance of agreement services.
- Initially the mobilization will not be available on federally funded consultant agreements,
- Mobilization will be eligible in the Start-up Agreements. The amount shown will be no more that 3% of the Start-up Agreement amount. That amount could be invoiced immediately upon execution of the start-up agreement. The remainder of the mobilization would be specified in the prime agreement and invoiced upon execution of the prime agreement.
- New Invoices for phase 3 contracts will be developed for use for contracts with mobilization. The invoice will show the total mobilization in the contract, the outstanding mobilization balance before the current invoice and the outstanding balance after the current invoice.
- The mobilization dollar amount will be shown in the phase 3 contracts and the following clause will be added to contracts revising the Standard Agreement for Consultant Services:

**New Section 2.81 (h):**

**2.81 PARTIAL PAYMENTS/INVOICES**

- h) Construction Engineering Agreements may include a provision for mobilization. If mobilization has been negotiated with the CONSULTANT as part of the method of payment; the mobilization shall be made and recovered in accordance with the provisions of this subsection. The mobilization amount negotiated shall be no more than 3% of the labor upper limit of compensation specified in Section 4 of the Prime Agreement. Upon execution of the AGREEMENT, the CONSULTANT may invoice for the mobilization amount. After payment, half of the mobilization shall be shown as a deduction from the invoice billing at 25% of the project's completion and the second half from the invoice billing for 50% of the project's completion.

## **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

### 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](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  
Concerning  
Exhibits A and B  
Current Obligations  
Disclosure Forms A and B  
Delinquent Dept Certification Form**

Please review the documents listed above and use the latest version when submitting a Statement of Interest for the Professional Transportation Bulletin.

The Exhibits, Current Obligations, Disclosure and Delinquent Dept Forms are available as Word documents and may be downloaded from our web-site:

<http://www.dot.il.gov/desenv/deform.html>

The bookmarks, listed in the bulletin, for the Exhibits, Current Obligations, Disclosure and Delinquent Dept Forms are also linked to the web-site.

The Word documents are labeled as follows:

Exhibit A = **BDE XHBT- A**

Exhibit B = **BDE XHBT- B**

Current Obligation Form = **BDE CUR - OB**

Disclosure Forms = **DISC2**

Delinquent Payment Form = **BDE 3000**

**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  
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# NOTICE FOR STRUCTURAL DESIGN SPECIFICATIONS

**Structure Design Specification Selection Table:** All highway structures advertised within PTB-141 and in future bulletins shall be designed using the design specifications indicated in the table below unless otherwise specified by the Department.

<b>STRUCTURAL DESIGN SPECIFICATION SELECTION TABLE:</b>	
<b>New or Complete Replacement Structure Projects:</b>	
PPC Deck Beams, Retaining Walls & Concrete Culverts	AASHTO Standard Spec. for Highway Bridges
All Other Structure Types	AASHTO LRFD Bridge Design Spec.
<b>Structure Rehabilitation Projects:</b>	
For existing ASD or LFD Designs	AASHTO Standard Spec. for Highway Bridges
For existing LRFD Designs	AASHTO LRFD Bridge Design Spec.

LRFD: Load Resistance Factor Design

LFD: Load Factor Design

ASD: Allowable Stress Design

## **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.

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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](mailto: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>