

Professional Transportation Bulletin

PTB 148

May 8, 2008



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

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: July 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 May 08, 2008.

**State Of Illinois
Notice For Contact Information**

Department Of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

The Transportation Bulletin is the official Illinois Procurement Bulletin for the Illinois Department of Transportation as authorized by Section 15-1 of the Illinois Procurement Code, 30 ILCS 500/15-1. It is available on **IDOT's WEBSITE** at <http://www.dot.il.gov>.

Professional Transportation Bulletin

The Professional Transportation Bulletin Contains information pertaining to the advertisement for offers of interest for professional services for Department of Transportation projects.

Questions concerning this Bulletin should be directed to:

Carrie Kowalski

Consultant Unit Chief

E-mail: Carrie.Kowalski@illinois.gov

Phone: 217-782-6916

Or mailing address:

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

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 149	PTB 150	PTB 151	PTB 152	PTB 153	PTB 154
PUBLISH PTB	08/07/08	11/13/08	02/05/09	05/07/09	08/06/09	11/05/09
***STATEMENTS OF INTEREST ARE DUE	08/28/08	12/04/08	02/26/09	05/28/09	08/27/09	11/26/09
SELECTION MEETING	10/22/08	01/28/09	04/22/09	07/22/09	10/21/09	01/20/10

***** STATEMENTS OF INTEREST ARE DUE BY 12:00 P.M. (NOON). STATEMENTS OF INTEREST RECEIVED AFTER 12:00 P.M. WILL NOT BE CONSIDERED.**

Required forms for each submittal are:

- [BDE XHBT-A](#) Consultant Exhibits A
- [BDE XHBT-B](#) Consultant Exhibits B
- [BDE CUR-OB](#) Consultant's Current Obligations for Statements of Interest.
- [BDE 3000](#) Delinquent Debt Certification
- [DISC 2](#), Disclosure Forms A & B
- [BDE 2900](#) Disclosure of Business Operations in Iran

The forms listed above are available on the website: <http://www.dot.il.gov/desenv/deform.html>

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

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

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

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

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

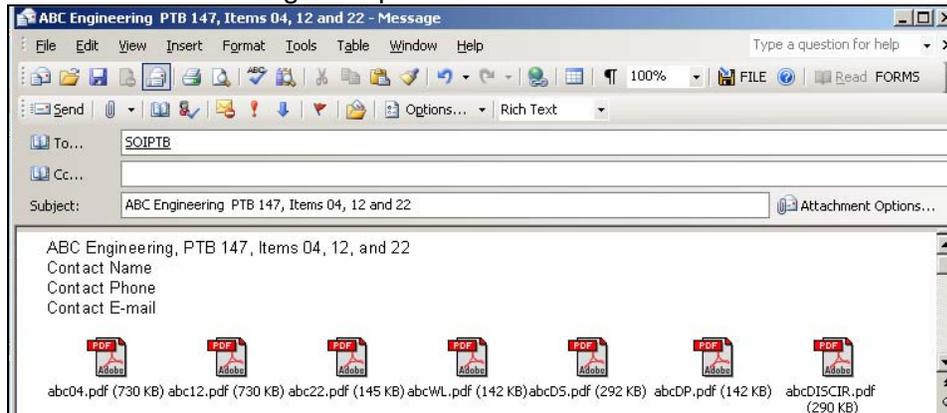
- The Subject Line must read: FIRM NAME, PTB NUMBER, ITEM(S)

(Example: ABC Engineering, PTB 135, Items 4, 12, & 22) If there will be more than one e-mail please note as follows: e-mail 1 of ___ the total number to be sent.)
- The first line of your e-mail should indicate your Firm Name, PTB & Items Number(s) on which your firm is submitting.

(Example: ABC Engineering has submittals for PTB 147, Items 4, 12 and 22.)
- The second line should list the name, phone number, and e-mail of the person to contact should there be any questions regarding the submittal.
- Each attachment must be labeled as indicated below:
 1. For each Item on which you are submitting use your 2-6 character Firm Name Code, immediately followed by the 2-digit Item Number (i.e., 01 through 99).
(Example: ABC04.pdf)
 2. For your firm's Current Obligation Form, use your 2-6 character Firm Name Code, followed by WL.
(Example: ABCWL.pdf)
 3. For your firm's Disclosure Forms, use your 2-6 character Firm Name Code, followed by DS.
(Example: ABCDS.pdf)
 4. For your firm's Delinquent Debt Payment Certification, use your 2-6 character Firm Name Code, followed by DP.
(Example: ABCDP.pdf)
 5. For your firm's Disclosure of Business Operations in Iran, use your 2-6 character Firm Code, followed by DISCIR.
(Example: ABCDISCIR.pdf)

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

Please review the following example e-mail:



Detail Descriptions of Attachments for electronic submittal:

- ABC04, ABC12, and ABC22 are the Statements of Interest for the submitted Items and must include Exhibit A. Following Exhibit A, include resumes of the key management personnel and project staff listed in Exhibit A. If Exhibit B is required, include next, followed by resumes of individuals listed on page 2 of Exhibit B.
- ABCWL is the Current Obligation Form. Requirement: Only Prime submits one copy of the Current Obligation Form. Instructions shown on page one should not be sent.
- ABCDS is the Disclosure Forms. Requirement: Only Prime submits one copy of the Disclosure Form. Disclosure file would consist of Form A and Form B or the Form for Offerors That Have Previously Submitted Form A and Form B. The instructions should not be sent.
- ABCDP is the Delinquent Debt Compliance Statement. Requirement: Prime and any known subconsultants the prime will be using are required to submit this form. The forms should be converted to pdf and submitted as one pdf document.
- ABCDISCIR is the Disclosure of Business Operations in Iran. Requirement: Only Prime submits one copy of the form.

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

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

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

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

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

NOTICE

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

Consultant Services

[Bridge CADD Standards / Downloads](#)

[CADD Roadway Drafting Reference Guidelines](#)

[CADD Standards/Downloads](#)

[CADD Roadway and Structure Project Deliverables Policy](#) **NEW**

[Consultant Forms](#)

[Consultant Prequalification](#)

[Facility Cost of Capital Rates](#)

[Federal Mileage Reimbursement Rates \(for existing contracts with CONUS\)](#) **NEW**

[Consultants Professional Transportation](#)

[Bulletins](#)

[Negotiation Information for Current Bulletin](#)

[Professional Transportation Bulletin](#)

[Schedule](#)

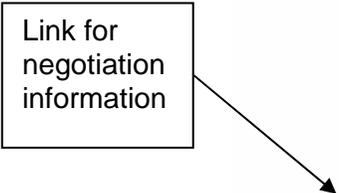
[Standard Agreement Provisions for](#)

[Consultants](#)

[State Mileage Reimbursement Rates](#)

[Uniform Audit and Accounting Guide](#)

Link for
negotiation
information



- Region 1
- Diane O'Keefe
 - District One
 - Items 1 - 5
- Region 2
 - George Ryan
 - District 2
 - Item 6 - 10
- Region 3
 - Joseph Crowe
 - District 4
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 - District 9
 - Items 33 - 37
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 - Ralph Anderson
 - Items 38 - 39
- Bureau of Safety
 - Priscilla Tobias
 - Item 40
- Bureau Design & Environment
 - Eric Harm
 - Items 41 - 42

NOTICE

CONSULTANT PREQUALIFICATION

May 08, 2008

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

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

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

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

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

NOTICE CONSULTANT PREQUALIFICATION SUBMITTAL TIMES

May 2008

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

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

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

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

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

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

The following schedule is attached for your use:

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

Notice

Illinois Departmental End of Fiscal Year Invoicing

Issued April 14, 2008

All dollars accrued on all IDOT projects in IDOT's Fiscal Year 2008 (July 1, 2007 through June 30, 2008) must be invoiced and to IDOT's project manager no later than August 1, 2008. When an invoice can not be processed and to the project manager by August 1, 2008, the following information must be sent to the project manager prior to August 1, 2008 to allow those expenses to be considered eligible for payment.

End of State FY Report

Firm Name & : _____
Contact Person: _____ **Phone:** _____
District: _____

Must be completed and sent to district contact by August 1, 2008.
 List all dollars per project where your firm expended funds during the time period between July 1, 2007 and June 30,2008

PTB & Item Number	Total Dollars earned	Total dollars invoiced	Total dollars earned but not yet invoiced

Illinois Department of Transportation Requirements for Quality Assurance Categories

May 8, 2008

As stated in previous notices:

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

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

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

Review the recurring notices labeled in the bookmarks as:

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

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

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

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #148
Publish Date May 08, 2008

This bulletin is the official notice of needed professional services for the Illinois Department of Transportation (IDOT).

This bulletin is sent to each professional consultant on IDOT's prequalified list. A Professional firm who is not prequalified may obtain the necessary information and forms to become prequalified from the INTERNET at: <http://www.dot.gov.il/Doing Business/Consultant Services/Consultant Prequalification>.

This is not an invitation for bids. Firms properly prequalified for any of the projects listed herein may indicate their desire to be considered for selection by submitting a Statement of Interest for the project.

IDOT shall not discriminate based on race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE Program or the requirements of 49 CFR part 26. IDOT shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts.

STATEMENTS MUST BE RECEIVED BY THE BUREAU OF DESIGN AND ENVIRONMENT AT THE ABOVE ADDRESS AND IF APPLICABLE, THE APPROPRIATE DISTRICT ENGINEER OR BUREAU CHIEF PRIOR TO 12:00 P.M. LOCAL TIME, May 29, 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) In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.
- 9) The Instructions for completing the Current Obligation documents immediately precede the Current Obligation forms. The Current Obligation Forms should be a separate document from the SOI. Only one copy for each prime, sent to the Central Bureau of Design and Environment, is required.
- 10) Instructions for completing **Forms A** and **B** are included on pages 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 for each prime, sent to the Central Bureau of Design and Environment, is required. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.

Guidelines for Submitting Statements of Interest (SOI)

- 11) The Delinquent Debt Certification is separate document. Only one document, for prime and subconsultants, with all pertinent data is required. Instructions are included at the bottom of the Delinquent Debt document.
- 12) The Disclosure of Business Operations in Iran is a separate document. Only one document for each prime is required. Instructions are included at the bottom of the Disclosure of Business Operations in Iran document.
- 13) Exhibit A, Exhibit B, the Current Obligations Form, Disclosure Forms, Delinquent Debt Certification, and Disclosure of Business Operations in Iran are available as word documents on our web site:
<http://www.dot.il.gov/desenv/deform.html>

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

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

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

Region 1

Ms. Diane O'Keefe

District 1

201 West Center Court
Schaumburg, IL 60196

Region 2

Mr. George Ryan

District 2

819 Depot Avenue
Dixon, IL 61021

Mr. George Ryan

District 3

700 East Norris Drive
P.O. Box 697
Ottawa, IL 61350

Region 3

Mr. Joseph Crowe

District 4

401 Main Street
Peoria, IL 61602

Mr. Joseph Crowe

District 5

Route 133 West
P.O. Box 610
Paris, IL 61944

Region 4

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.

TABLE OF CONTENTS
PTB 148

<u>Item #</u>	<u>County</u>	<u>Description</u>
<u>Region 1/District 1</u>		
1.	Lake	Phase I Engineering Services For I-94 From Il 173 To Russell Rd.
2.	Cook	Phase I/II Engineering Services On Willow Rd. From Il 43 To I-94
3.	Various	Phase II Engineering Services For Various Traffic Signal Coordination And Timing (Scat) Projects
4.	Various	Phase II Engineering Services For Various Traffic Signal Projects.
5.	Various	Phase II Engineering Services For Various Electrical Engineering Projects Consisting Of Miscellaneous Integrated Electrical Engineering, Communications/ITS Lighting And/Or Pumping Station
<u>Region 2/District 2</u>		
6.	Various	Various Engineering Services For Environmental Services.
7.	Various	Various Engineering Services for Land And Route Surveying Projects.
8.	Various	Phase I/II Engineering Services For Various Projects.
9.	Will	Phase III Engineering Services For Various Projects.
10.	Will	Phase III Engineering Services For Various Projects.
<u>Region 3/District 4</u>		
11.	Various	Various Engineering Services for Land And Route Surveying Projects.
12.	Various	Phase III Engineering Services For Various Projects.
13.	Various	Phase III Engineering Services For Various Projects.
14.	Fulton	Phase I Engineering Services For Structure On Il 41 Over Gallett Creek.
15.	Peoria	Phase I/II Engineering Services For The Improvement On Farmington Rd. At The Intersection Of The Junction Of Kickapoo Creek Rd. Including Structure Replacement Over The Kickapoo Creek.
16.	Various	Phase III Engineering Services For Various Projects.
17.	Various	Phase I And/Or II Engineering Services For Various Structure Projects.

<u>Item #</u>	<u>County</u>	<u>Description</u>
<u>Region 3/District 5</u>		
18.	Various	Phase I/II Engineering Services For Various Projects
19.	Various	Phase III Engineering Services For Various Projects.
<u>Region 4/District 6</u>		
20.	Various	Phase I/II Engineering Services For Various Projects.
21.	Various	Phase I/II Engineering Services For Various Projects.
22.	Various	Various Engineering Services For Land And Route Surveying Projects.
23.	Various	Various Engineering Services For Land Surveying Projects.
<u>Region 4/District 7</u>		
24.	Effingham	Phase II Engineering Services For The I-70, Eastbound And Westbound Structures Over Little Wabash River And The Associated Roadway Plans.
25.	Various	Phase I/II Engineering Services For Various Projects.
26.	Various	Phase I/II Engineering Services For Various Projects.
27.	Various	Phase I/II Engineering Services For Various Projects.
<u>Region 5/District 8</u>		
28.	Various	Various Engineering Services For Geotechnical Projects.
29.	Various	Land Survey Project Manager And Various Land Surveying Projects
30.	Various	Phase I/II Engineering Services For Various Projects And Various Value Engineering Projects.
31.	Various	Phase I/II Engineering Services For Various Projects.
32.	Various	Phase I/II Engineering Services For Various Projects.
<u>Region 5/District 9</u>		
33.	Various	Phase I/II Engineering Services For Various Projects.
34.	Various	Phase I/II Engineering Services For Various Projects.
35.	Various	Phase I/II Engineering Services For Various Projects.
36.	Various	Various Engineering Services For Land And Route Surveying Projects.

<u>Item #</u>	<u>County</u>	<u>Description</u>
<u>Region 5/District 9 - Continued</u>		
37.	Various	Various Engineering Services For Land And Route Surveying Projects.
<u>Bureau Of Bridges & Structures</u>		
38.	Various	Statewide Structural Engineering Services
39.	Various	Statewide Structural Engineering Services
<u>Bureau of Safety</u>		
40.	Various	Engineering Services For Statewide Safety Related Projects
<u>Bureau Of Design & Environment</u>		
41.	Various	Engineering Services For Various Lighting Projects.
42.	Various	Various Phase I, II And/Or III Engineering Services For Statewide Assignments For Various Projects

1. **Job No. P-91-404-08, I-94 from IL 173 to Russell Rd., Phase I, Lake County, Region One/District One.**

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

This project requires 10% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2008 at 1:00 P.M.** at the Region One, District One Office in **Schaumburg**.

Phase I engineering services are required to perform all work associated with the preparation of a preliminary engineering report (Combined Design Report) and environmental study anticipated to be processed as an Environmental Assessment (EA) for the improvement of I-94 from IL 172 to Russell Rd. (approximately 2 miles). All work for this project will be in English units.

The scope of Phase I may include but not be limited to evaluating operations of the interchanges as well as mainline Interstate 94, identifying improvement needs to address local and regional growth, preparation of Access Justification Reports, and complete bridge inspections, and preparation of Bridge Condition Reports. The Consultant's work may also include data collection including traffic counts, preparation of base maps and mosaics, ground survey, crash analysis, traffic studies including intersection and interchange design studies, geometric studies, traffic management analysis, drainage studies, cost estimates, and all other work necessary to complete Phase I.

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

The estimated construction cost for this project is \$70,000,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, socio-economics and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition.

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

Location/Design Studies (Reconstruction/Major Rehabilitation)

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

2. **Job No. P-91-411-08, Willow Rd. from IL 43 to I-94, Phase I/II, Cook County, Region One/District One.**

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

This project requires 10% DBE participation.

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

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

Phase I and Phase II engineering services are required for the improvement of Willow Rd. from IL 43 to I-94 (approximately 1.75 miles). Typically, the existing roadway is one lane in each direction (undivided) with shoulders. The proposed improvement is anticipated to address geometric modifications through either widening/resurfacing or reconstruction to accommodate existing and projected travel demands. Also anticipated to be investigated is a center median to accommodate turning vehicles, additional auxiliary lanes at intersections and the need for additional through traffic lanes as well as an extensive evaluation of bicycle and pedestrian accommodations. All work for this project will be in English units.

Phase I work is anticipated to include performing all work associated with the preparation of a preliminary engineering report (Combined Design Report) and environmental study anticipated to be processed as an Environmental Assessment (EA). The Phase I scope of work may also include but not be limited to data collection including traffic counts, preparation of base maps and mosaics, ground survey, crash analysis, traffic studies including traffic flow simulations, geometric studies, traffic management analysis, drainage studies, cost estimates, complete bridge inspections, preparation of a Bridge Condition Report and all other work necessary to complete Phase I. A key planning tool will include a public involvement program based upon the principles of Context Sensitive Solutions.

The Phase II work is anticipated to include preparation of contract plans, specifications, cost estimates, estimates of time, TS&L's, structure and roadway plans, geotechnical studies, and all other work required to complete the project.

The department will furnish the Consultant with available microfilm plans, survey data, traffic data, crash data, utility coordination and correspondence, and archaeological, historical, biological and hazardous waste survey and coordination.

The estimated construction cost for this project is \$25,000,000. The Phase I and II completion date for this contract will be 48 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform/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/supervise the work in the area of route surveying (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, 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.

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

**Location/Design Studies (Reconstruction/Major Rehabilitation)
Highways (Roads and Streets)
Structure (Highway: Simple)**

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

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

3. **Job No. D-91-400-08, 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 contracting.

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 **July 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 District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

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

The Consultant's work is expected 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 also 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.

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 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 the Consultants' relevant SCAT projects completed by the firm within the past 5 years by members of the Consultant's current key personnel listed above.

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.

4. **Job No. D-91-399-08, Various Phase II Traffic Signal Projects, 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**.

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

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

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

The estimated construction cost for these projects may range from \$50,000 to \$1,000,000. The completion date for this contract will be 36 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 18 months.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Traffic Signal Engineer, that individual who is directly involved in traffic signal design, modification and modernization. The Traffic Signal Engineer shall have working knowledge and extensive experience in traffic signal design and operation in IDOT Region One/District One (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

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

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

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

5. **Job No. C-91-336-08, Various Electrical Engineering Projects, 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**.

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

Phase II engineering services are required for all work associated with studies, recommendations, plans and specifications and cost estimates for miscellaneous integrated electrical engineering, communications/ITS lighting and/or pumping station projects throughout District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Work may consist of new and/or upgrades of highway lighting, existing pump station facilities, electrical distribution, SCADA, wireless communication, CCTV, fiber optic communications and/or related digital network or support systems. All work must comply with current NEC, AASHTO, IES, FHWA, FCC, FAA, TIA, ATSC, SONET and/or current IDOT District 1 Standards, Policies and/or other applicable guidelines. Consultant services will require frequent progress meetings and close coordination with the District and may include site inspections, coordination with other agencies, preliminary and final design engineering, analysis of alternatives, wireless coverage studies, microwave path confirmation, FCC licensing, integration of diverse subsystem components into working and coordinated systems, system commissioning and acceptance testing, electrical controls, pay items, quantities and cost estimates. The services may also include modifying standard details, preparing special details and tailoring special provisions as required for each project.

The Consultant must have a demonstrable working knowledge and experience with low voltage power and motor control systems, highway lighting design and circuiting, distributed wired, wireless and fiber-connected telemetry, control and communications systems. Familiarity with voice radio, data radio and microwave radio, PLC's and SCADA systems, PSTN, SONET and DWDM systems, CCTV switching, control, compression and transmission techniques are important.

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

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

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

- The person who will perform the duties of Project Mechanical Engineer.
- The person, who will perform the duties of Structural Engineer, must be an Illinois Licensed Structural Engineer.
- The person who will perform the duties of Project Architect.

Resumes for key personnel must contain educational background, applicable experience, local representation, and computer capabilities for the work. Brief summaries of previous projects involving the integration of these engineering disciplines shall be included.

Statements of Interest must also include the proposed Quality Assurance/Quality Control (QA/QC) plan for the project design, including calculations and check-set plans and specifications as deliverables.

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

Special Services (Electrical Engineering)
Special Plans (Pumping Stations)
Special Services (Mechanical Engineering)
Special Services (Architecture)
Special Services (Lighting)

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

6. **Job No. P-92-077-08, Various Environmental Services, Various Routes, Various Counties, Region Two/District Two.**

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

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

This project requires 25% DBE participation.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 31, 2008** at **10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Environmental services are required for various projects throughout District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

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

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

It is anticipated that this contract will include approximately 3 to 15 different projects. The engineering sources required may consist of only a portion of the total engineering work on a certain project.

The estimated construction cost for these projects may range from \$200,000 to \$4,000,000. 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 12 months.

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

- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, socio-economics and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition.
- Person(s) trained and experienced in writing environmental documents.
- Person(s) trained and experienced in writing Section 106/4(f) documents.

Statements of Interest must also include examples of work completed in EA re-evaluation, EIS re-evaluation, 4(f) report, Section 106 report, Biological Assessment, and/or Conservation Plan

for Incidental Take Authorization, conducting noise analyses, conducting a tree survey and planning a mitigation site.

Firms must be prequalified in the **Special Studies (Environmental Assessment)** category to be considered for this project.

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

7. **Job No. P-92-071-07, Various Land and Route Survey Projects, Various Routes, Various Counties, Region Two/District Two.**

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

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

This project requires 10% DBE participation.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 25, 2008** at **10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

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

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

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

The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 12 months.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).
- The person who will perform/supervise the work in the area of route surveying (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land Surveyor).
- The person who will perform/supervise the work in the area of land surveying (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Land 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.

8. **Job No. P-92-076-08, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Two.**

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

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

This project requires 10% DBE participation.

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

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

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

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

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

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

The estimated construction cost for this project is \$200,000 to \$4,000,000. It is anticipated that this contract will include approximately 3 to 15 different projects. The completion date for this contract will be 24 months after authorization to proceed.

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

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

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Professional Licensed Surveyor).
- The person who will be in charge of land surveys (must be 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 categories to be considered for this project:

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

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

9. **Job No. C-92-084-08, Phase III Work for Various Projects, Various Counties, Region Two/District Two.**

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

This project requires a 12% DBE Participation.

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

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

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

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

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

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

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

The estimated construction cost for this project is \$2,500,000. The various projects are scheduled for construction during Calendar years 2008, 2009 and 2010 construction seasons. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project. 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 Liaison Engineer.
- The Materials Coordinator.

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

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.

10. Job No. C-92-085-08, Phase III Work for Various Projects, Various Counties, Region Two/District Two.

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

This project requires a 12% DBE Participation.

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

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

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

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

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

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

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

The estimated construction cost for this project is \$2,500,000. The various projects are scheduled for construction during Calendar years 2008, 2009 and 2010 construction seasons. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than six (6) weeks after the completion of the project. 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 Liaison Engineer.
- The Materials Coordinator.

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

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.

11. **Job No. D-94-060-08, Various Survey Projects, Various Routes, Various Counties, Region Three/District Four**

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

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 25, 2008 at 10:30 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase I/II land and route surveying services are required for various design and land acquisition projects throughout District Four. Work Orders under the blanket agreement will be negotiated and authorized on an as-needed basis. All work on this project will be in English Units.

The department will provide any existing plans, R.O.W. documents, or other pertinent data required for the completion of individual projects.

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

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

- The person who will 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:

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

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

12. **Job No. C-94-083-08, Various Construction Inspection Projects, Various Routes, Various Counties, Region Three, District Four.**

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

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 25, 2008** at **1:30 P.M.** at the Region Three, District Four Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, material testing, certification, documentation, and field inspection for roadway rehabilitation throughout District Four. Work Orders under the blanket agreement will be negotiated and authorized by the Department on an as-needed basis.

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

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

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

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

- The Construction Inspector(s) (with current IDOT Construction Documentation Certificate).

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.

13. **Job No. C-94-084-08, Construction Inspection, Various Routes, Various Counties, Region Three/District Four**

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

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

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

The Consultant who is selected for this project and all sub-consultants the Prime Consultant will be using is scheduled to attend a negotiation meeting on **July 24, 2008** at **1:30 P.M.** at the District Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, material testing, certification, documentation, and field inspection for roadway rehabilitation throughout District Four. Work Orders under the blanket agreement will be negotiated and authorized by the Department on an as-needed basis.

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

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

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than thirty (30) days after final inspection of the project. The completion date for this contract will be 24 months after authorization to proceed.

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 necessary correspondence that will be required, if necessary.

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

- The Construction Inspector(s) (with current IDOT Construction Documentation Certificate).

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.

14. **Job No. P-94-007-08, FAP 574 (IL 41), Phase I work for Structure over Gallett Creek, Fulton 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 sub-consultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 29, 2008 at 10:15 A.M.** at the Region Three, District Four Office in **Peoria**.

Phase I engineering services are required for the preparation of a Project Report (anticipated to be a Categorical Exclusion) for the removal and replacement of Structure (S.N. 029-0009) on IL 41 over Gallett Creek, two miles south of Avon. All work for these projects will be in English units.

The Consultant's work is anticipated to include preparing the Bridge Condition Report, Structure Geotechnical Report, Hydraulic Report, conducting route and land surveys (including a full hydraulic survey), all drilling and analysis of soil borings, performing simple environmental assessment, preparing a Structure Report, and preparing a Type, Size and Location (TS&L) drawing for the replacement structure. Also, this work may include data collection, cost estimates, traffic management analysis, and accident analysis, inspection of existing structure to determine staging possibilities, and all other related work and exhibits necessary to produce the Project Report.

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, structure ratings, and other available information.

The Consultant will perform the hydraulic calculations for Hydraulic Reports using one or both of the computer programs, WSPRO or HEC-RAS.

The estimated construction cost for this job is \$890,000. The completion date for this contract will be 12 months after the authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, the individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis and the preparation of the Hydraulic Reports (must be an Illinois Licensed Professional Engineer).

- 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)**

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.

15. **Job Nos. P-94-011-01 & D-94-073-01, FAU 6659 (Farmington Rd.), Phase I/II for the Intersection Improvement at the Junction of Kickapoo Creek Road including Structure Replacement over the Kickapoo Creek, Peoria County, Region Three/District Four**

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

This project requires 25% DBE participation.

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

The Consultant who is selected for this project and all sub-consultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 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 and one set of contract plans, special provisions and estimates for an intersection improvement at Farmington Rd. and Kickapoo Creek Rd. and removal and replacement of Structure (S.N. 072-0063, Farmington Rd. over Kickapoo Creek, located approximately three-quarters of a mile west of the West Peoria corporate limits. All work for this project will be in English units.

The Consultant's work is anticipated to include preparation of a Project Report, Environmental Assessment, public involvement activities, route and land surveys, preparing a Structure Report and Structure Geotechnical Report, including structure borings, performing structure inspections of the existing structure, and preparing Type, Size and Location (TS&L) drawing. Also, this work may include data collection, cost estimates, traffic management analysis, accident analysis, and other related work and exhibits to produce the Project Report and Environmental Assessment, as necessary. The work required will also include performing drainage studies, preparing bridge and roadway plans, preparing traffic control plans, preparing plats and legal descriptions for right-of-way acquisition, and any other work necessary to complete final contract plans and documents.

The department will furnish the Consultant with an approved Bridge Condition Report, approved Hydraulic Report, preliminary alignment, profile and geometrics of the existing and proposed Farmington Road and Kickapoo Creek Road alignments, MicroStation design files, including .tin and gpk files of the preliminary roadway, any available plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photographs, boring logs, structure ratings and other available information.

The estimated construction cost for this project is \$7,525,000. The completion date for the Phase I portion of the contract will be 24 months after the authorization to proceed. Phase II will be negotiated near the completion of Phase I. The Phase II portion of the contract will be completed 18 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 contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of the Geotechnical Structure Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of structure plan preparation (must be an Illinois Licensed Structural engineer). In addition, the staff performing 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 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).
- The person who will be in charge of land acquisition documents (must be an Illinois Licensed 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 Public Involvement procedures include a detailed description of 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: Rehabilitation
Highways (Roads & Streets)
Structures (Highway: Typical)
Special Studies (Surveys: Route)
Special Studies (Surveys: Land)**

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

work. The subconsultant's staff must be the same as presented and approved in their most recently approved Statement of Experience and Financial Condition.

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

16. **Job No. C-94-082-08, Various Construction Inspection Projects, Various Routes, Various Counties in Region Three/District Four**

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

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

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

The Consultant who is selected for this project and all sub-consultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 25, 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 District Four. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant will be required to furnish approved personnel to assist a District Resident Engineer/Technician on various projects. 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, pavement marking and may also include Contract 68114 (the widening and resurfacing of IL 78 in Canton), Contract 68330 (the resurfacing of IL 136 from Vermont Rd. to 3 miles west of US 24) and Contract 68337 (the resurfacing of US 24 from Little America to Banner). The Consultant will be required to perform on-site inspection, verification of contractor staking, maintain documentation, and any other duties that would be required by the Resident Engineer/Technician to complete these projects on a timely basis 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.

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

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

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

- The Construction Inspector(s) (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.)

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.

17. **Job No. D-94-067-08, Various Phase I/II Structure Projects, 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 **July 24, 2008 at 1:30 P.M.** at the Region Three, District Four Office in **Peoria**.

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

The Consultant's work is anticipated to include preparing the Bridge Condition and Hydraulic Reports, Structure Geotechnical Reports, all drilling and analysis of soil borings, conducting route and land surveys (including a full hydraulic survey), performing simple environmental assessments, preparing a Structure Report, and preparing type, size and location (TS&L) drawings for the replacement structure.

Work may also include data collection, cost estimates, traffic management analysis, accident analysis, inspection of existing structures to determine staging possibilities, and other related work and exhibits to produce the Project Reports, as necessary. The Consultant will also obtain survey data to prepare plats and legal descriptions for additional right-of-way, if required. The work required will also include performing drainage studies, preparing bridge and roadway plans, preparing traffic control plans and any other work necessary to complete final contract plans and documents. The Consultant will perform the hydraulic calculations for Hydraulic Reports using one or both of the computer programs, WSPRO or HEC-RAS.

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

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, the individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis and the preparation of the Hydraulic Reports (must be an Illinois Licensed Professional Engineer).

- 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.

18. **Job No. P-95-014-08/D-95-014-08, Various Phase I/II Projects, Various Routes, Various Counties, Region Three/District Five.**

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

This project requires 20% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 24 at 10:00 A.M.** at the Region Three, District Five Office in **Paris**.

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

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

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

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

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

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

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

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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.

19. **Job No. C-95-013-08, Construction Inspection, Various Routes, Various Counties, Region Three/District Five.**

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

This project requires 20% DBE participation.

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

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

Phase III engineering services are required to provide construction inspection services for construction projects throughout District 5. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric Units.

The Consultant will be required to furnish adequate staff to assist in performing the required inspection, layout, and other duties to allow the timely completion of projects in accordance with state specifications. Projects requiring staffing may include, but not limited to, District wide patching and resurfacing contracts, or specific bridge projects, resurfacing, or urban rehabilitation projects. The Consultant will be required to assist in construction supervision, layout staking, on-site inspection, Quality Assurance field testing, weighing of trucks hauling of tonnage items, documentation of contract items and providing general assistance as a member of a field crew. The department will furnish the Consultant with a Resident Engineer/Technician to direct the Contractor and to direct/coordinate the activities of the Consultant's staff. The department will also furnish the construction plans and specifications.

The Consultant may be asked to provide a Liaison Resident Engineer to work directly with IDOT's Resident Engineer/Technician. The Consultant may also be asked to furnish a documentation technician(s) and laptop computer(s) equal to the latest type used by District 5. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer(s).

The Consultant's personnel will be required to provide a vehicle for their use on construction sites and for traveling between projects, material plants, and weigh scales. The Consultant must also provide their own inspection equipment, testing equipment, layout equipment, cell phones and any other equipment deemed necessary to complete the work. The duration of time spent at a single location may vary as a function of work assignment needs.

The Consultant's personnel must have a good working knowledge of the department's specifications, the department's Construction Manual and documentation and inspection procedures.

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

This contract is scheduled for the 2008, 2009, and 2010 construction seasons. This contract must be completed by December 31, 2010.

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

- Liaison Engineer
- Materials Coordinator
- 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.)
- The Survey Chief
- Construction Inspector

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.

20. **Job No. D-96-082-08; Various Phase I and/or II Projects, Various Routes, Various Counties, in Region Four, District Six.**

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

This project requires 15% DBE participation.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **July 29, 2008 at 1:30 P.M.** in the Region Four, District Six Office in **Springfield**.

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

Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects.

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

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

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

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Surveyor).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

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.

21. **Job No. D-96-083-08; Various Phase I and/or II Projects, Various Routes, Various Counties, in Region Four, District Six.**

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

This project requires 15% DBE participation.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **July 25, 2008 at 10:00 A.M.** in the Region Four, District Six Office in **Springfield**.

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

Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L structure plans, roadway plans, necessary right-of-way documents, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects.

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

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

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

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of land surveys (must be an Illinois Licensed Land Surveyor).
- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Surveyor).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

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.

22. **Job No. D-96-081-08, Various Survey Projects, Various Routes, Various Counties, Region Four/District 6**

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

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

The Consultant who is selected for this project and all subconsultants the prime consultant will be using are scheduled to attend a negotiation meeting on **July 30, 2008 at 11:00 A.M.** in the Region Four/District 6 Office in **Springfield**.

Phase II engineering services are required for miscellaneous surveys throughout District 6. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English units.

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

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

It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Year 2009. 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 department for an additional 24 months.

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

- The person who will assume the duties of the project manager for all aspects of the work documents must be an Illinois licensed Land Surveyor.

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

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

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

23. **Job No. R-96-001-09, Various Survey Projects, Various Routes, Various Counties, Region Four/District 6**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 30, 2008 at 10:00 A.M.** in the Region Four/District 6 Office in **Springfield**.

Engineering services are required for miscellaneous surveys throughout District 6. 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 work may include, but is not limited to, route and land surveys, plat preparations, and right-of-way plan preparation. The department will direct as to how the surveys and plats will be completed. The department will furnish the Consultant with any available data.

It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Year 2009. This contract must be completed by January 1, 2010.

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

- The person who will assume the duties of the project manager for all aspects of the work documents must be an Illinois licensed Land Surveyor.

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

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

24. **Job No. D-97-026-03, FAI 70, Eastbound and Westbound Structures over Little Wabash River, Phase II, Effingham County, Region 4, District Seven.**

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

This project requires 10% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2008 at 9:30 A.M.** at the Region Four/District Seven Office in **Effingham**.

Phase II engineering services are required for preparation of bridge and roadway contract plans, specifications and estimates for the dual structures carrying I-70 over the Little Wabash River. All work for this project will be in English Units.

The following structures are included in this project:

- S.N. 025-0009, I-70 (E.B.) over the Little Wabash River 1 west of I-57 near Effingham.
- S.N. 025-0010 I-70 (WB.) over the Little Wabash River 1 west of I-57 near Effingham.

The Consultant's work is anticipated to include preparation of SGR's, PDO's, pre-final and final bridge and roadway construction plans, which include stage construction. The Consultant will have to coordinate the design with an ongoing design roadway project that has horizontal and vertical changes in the location of the bridges.

The department will furnish to the Consultant the Bridge Condition Report, existing right-of-way plans, foundation borings, available as-built construction plans, available surveys, an approved TS&L for bridges, and any other available information.

The estimated construction cost for this project is \$11,000,000. The contract must be completed by July 1, 2010.

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

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

Structures (Highway: Typical)
Highways (Freeways)

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

25. Job No. D-97-D-97-025-08, 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 **July 28, 2008** at **9:00 A.M.** at the Region Four, District Seven Office in **Effingham**.

Phase I and/or II engineering services are required for various projects throughout 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 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 available information necessary for the Consultant to accomplish the project.

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 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 Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

26. **Job No. D-97-026-08, 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 **July 28, 2008** at **10:30 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 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 available information necessary for the Consultant to accomplish the project.

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 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 Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

27. **Job No. D-97-027-08, 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 **July 28, 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.

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 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 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 Central Bureau of Design and Environment at the following address: SOIPTB@dot.il.gov.

28. Job No. P-98-092-08/D-98-092-08, Various Geotechnical Projects, Various Routes, Various Counties, Region Five/District Eight.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 2008** at **1:30 P.M.** at the Region Five/District Eight Office in **Collinsville**.

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

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

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

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

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

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

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

29. **Job No. P-98-095-08 & D-98-095-08, Land Survey Project Manager and Various Land Surveying 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 **July 25, 2008 at 10:00 A.M.** at the Region Five, District Eight Office in **Collinsville**.

Professional land surveying services for performing land survey project management and for performing miscellaneous land surveys along throughout District 8. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant's work as a Land Survey – Project Manager is expected to include the management and review of right of way survey projects as prepared by other Consultants. This work would include the accurate review of Consultant prepared Plat of Highways, Excess Right of Way Plats, Existing Right of Way Surveys and legal descriptions in accordance with the Department's Land Acquisition Manual and with the District Eight checklists and procedures. This work would also include record research at the district office and at the county recorder offices or other governmental agencies; ordering, reviewing and accounting for the necessary title commitments of each project; maintenance of Land Acquisition databases; maintenance of project files; oral and written communication with right of way survey consultants, title company representatives, property owners and district staff; attendance at project meetings; designing proposed right of way lines and easements using Microstation and Geopak software; performing land surveying computations using Geopak software; and fieldwork as required. This work will be required to be performed at the District Eight Office in Collinsville.

The Consultant's work may also include performing miscellaneous land surveys along various routes, in various counties, in District 8. The Consultant's work may include land surveying to reference the highway centerline to public land lines, land surveying to locate boundaries, record research, preparation and recording of monument records, preparation of legal descriptions, preparation of Freeway Orders, preparation of various plats and maps including: Statutory Plat of Highways, existing right of way survey plats or maps, centerline plats, corridor protection maps and excess right of way parcel plats. The Consultant's work may include right of way staking. The Consultant's work may include performing horizontal and vertical control surveys and topographic surveys for highway design projects.

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

It is anticipated that at least 75 percent of this contract will be issued as work orders for performing Land Survey – Project Management duties. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months.

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

- The person who will assume the duties of Project Manager (must be a licensed Illinois Professional Land Surveyor).
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor).

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

Special Services (Land Survey)

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

30. **Job No. P-98-090-08/D-98-090-08, Various Phase I/II Projects & Value Engineering Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

This project requires 15% DBE participation.

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

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

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

Phase I work, if required, may consist of conducting initial project reviews for recommendations of improvements, geometric reviews and/or studies, capacity reviews and/or studies, route surveys, utility coordination, hydraulic surveys, hydraulic analyses, preparing Bridge Condition Reports, and preparing Project Reports. This work may include data collection, development of alignment alternatives, intersection design studies, design of preliminary geometry, cost estimates, traffic management analysis, crash analysis, and other related work and exhibits necessary to produce the Project Report, as necessary.

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

Value Engineering (VE) services, if required, shall include VE Studies submitted in a written report. The Consultant will assemble a multi-disciplined VE project team of approximately 5-7 people. The VE team is to be led by an Illinois Licensed Professional Engineer, with experience in roadway and bridge design and carries the designation as a certified value engineer specialist. The VE team will use brainstorming techniques to develop good alternatives to the proposed project design, generating a large and creative list of potential solutions to items identified in the investigation and analysis phases. The VE team should be structured so there is appropriate expertise to evaluate the major problem areas anticipated within the project. In addition to the technical discipline such as design, construction, and environmental, the VE team must possess experience in construction cost estimating and cost-benefit analysis. 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 any available as-built plans, microfilm plans, field notes, existing right-of-way plans, crash statistics, agency coordination, aerial photos, boring logs, existing Bridge Condition and Hydraulic Reports, and any other available

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

The estimated construction cost of these projects may range from \$500,000 to in excess of \$20,000,000 for VE projects. The Consultant's work may include either a complete project or a portion of the total engineering necessary for a certain project's completion. The VE Consultant will be responsible for developing the Value Engineering Report. A step by step record of the VE analysis is required as part of the VE Report. The completion date for this contact will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all Phase I/ Phase II aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Manager for all aspects of the work documents for Value Engineering (must be experienced in handling multiple VE studies).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the Phase I and/or Phase II deliverables (must be an Illinois Licensed Professional Engineer).
- The person 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.
- 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 of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Statements of Interest must also include the Consultant's relevant Value Engineering projects completed by the firm for IDOT within the past four years by members of the Consultant's current key personnel staff as listed above. The Statements of Interest shall list all applicable projects. The VE work may be performed through a subconsultant.

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

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

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

31. **Job No. P-98-093-08 / D-98-093-08, Phase I and/or II work for Various Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation on **July 28, 2008** at **8:30 A.M.** meeting at the Region Five/District Eight Office in **Collinsville**.

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

Phase I work, if required, may consist of conducting geometric studies and reviews, preparing TS&L plans, preparing Bridge Condition Reports, preparing Structure Geotechnical Reports, soils analyses and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, accident analysis, Bridge Condition Reports and other related work and exhibits necessary to produce the Project Report, as necessary.

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

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

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

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. It is anticipated one or more persons from the Consultant will be required to conduct his/her work in the District 8 office 3-5 days per week.

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

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

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

- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer).
- The person who will perform the Computer Aided Drafting must have 3-5 years experience using Microstation and Geopak in a Civil Drafting environment, proficient in evaluating and editing tin models and a working knowledge of Excel and Word.

Firms must be prequalified 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.

32. **Job No. P-98-094-08 / D-98-094-08, Phase I and/or II work for Various Projects, Various Counties, Region Five/District Eight.**

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

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 2008 at 10:30 A.M.** at the Region Five/District Eight Office in **Collinsville**.

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

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

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

The various proposed projects may consist of bridge repair, bridge rehabilitation, bridge replacement, and resurfacing type projects, including interstate resurfacing. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project.

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

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 work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of land surveys (must be an Illinois Licensed Professional Land Surveyor).
- The person who will be in charge of route surveys (must be either an Illinois Licensed Professional Engineer or and Illinois Professional Land Surveyor).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer).

Firms must be prequalified 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.

33. **Job No. P-99-004-08, Phase I and Phase II work for Various Projects, Various Routes, Various Counties , Region Five/District Nine**

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 **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 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 Reports and the preparation of preliminary and final contract plans for the replacement, rehabilitation, or repair of various structures within 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 Consultant's work may 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 related work necessary to produce Project Reports. Phase II work will include preparation of pre-final and final construction plans.

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

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. It is anticipated that this contract will consist of work on 10-15 structures. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months.

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

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

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

Location/Design Studies (Rehabilitation)
Structures (Highway: 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.

34. Job No. P-99-005-08, Phase I and Phase II work for Various Projects, Various Routes, Various Counties , Region Five/District Nine

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 **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 28, 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 and Project Reports and the preparation of preliminary and final contract plans for the replacement, rehabilitation, or repair of various structures within 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 Consultant's work may 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 related work necessary to produce Project Reports. Phase II work will include preparation of pre-final and final construction plans.

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

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. It is anticipated that this contract will consist of work on 10-15 structures. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 24 months.

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

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

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

Location/Design Studies (Rehabilitation)
Structures (Highway: 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.

35. **Job No. P-99-006-08, Phase I and Phase II work for Various Projects, Various Routes, Various Counties , Region Five/District Nine**

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 **0.003**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 29, 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 Reports and the preparation of preliminary and final contract plans for the replacement, rehabilitation, or repair of various structures within 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 Consultant's work may 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 related work necessary to produce Project Reports. Phase II work will include preparation of pre-final and final construction plans.

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

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. It is anticipated that this contract will consist of work on 10-15 structures. The completion date for this contract will be 24 months after authorization to proceed. The agreement with the consultant will have an option for renewal by the department for an additional 24 months.

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

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

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

Location/Design Studies (Rehabilitation)
Structures (Highway: 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.

36. **Job No. R-99-024-08, 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 **July 24, 2008** at **9:00 A.M.** at the Region Five, District Nine office in **Carbondale**.

Land and route surveying services are required 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 throughout District 9. 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.

When available, the department will provide the Consultant with alignment data, vertical data, title reports, existing right-of-way plans, and proposed right-of-way requirements.

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).

Firms must be pre-qualified 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.

37. **Job No. R-99-025-08, 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 **July 24, 2008** at **9:00 A.M.** at the Region Five, District Nine office in **Carbondale**.

Land and route surveying services are required 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 throughout District 9. 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.

When available, the department will provide the Consultant with alignment data, vertical data, title reports, existing right-of-way plans, and proposed right-of-way requirements.

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).

Firms must be pre-qualified 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.

38. **Job No. D-30-101-08, 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 **July 28, 2008**, at **11:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Various structural engineering, geotechnical/foundation, and hydraulic 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.

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

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

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- Person(s) who will perform the work in the area of Structure Geotechnical Reports and/or geotechnical/foundations/wall design recommendations (must be an Illinois Licensed Professional or Structural Engineer) and be prequalified in the **Geotechnical Services (Complex Geotechnical/Major Foundation)** In addition the staff shall be identified.

- The person who will perform/supervise the work in the area of hydraulic analysis, the preparation of Hydraulic Reports and drainage plans (must be an Illinois Licensed Professional Engineer) and be prequalified in the **Hydraulic Reports (Waterway: Typical)**
- 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.

39. **Job No. D-30-102-08, 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 **July 28, 2008**, at **10:00 A.M.** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures in **Springfield**.

Various structural engineering, geotechnical/foundation, and hydraulic 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.
- Person(s) who will perform the work in the area of Structure Geotechnical Reports and/or geotechnical/foundations/wall design recommendations (must be an Illinois Licensed Professional or Structural Engineer) and be prequalified in the **Geotechnical Services (Complex Geotechnical/Major Foundation)** In addition the staff shall be identified.

- The person who will perform/supervise the work in the area of hydraulic analysis, the preparation of Hydraulic Reports and drainage plans (must be an Illinois Licensed Professional Engineer) and be prequalified in the **Hydraulic Reports (Waterway: Typical)**
- 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.

40. Job No. D-30-103-08 Various Statewide Safety Related Projects, Bureau of Safety.

HSIP Federally Funded Project

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **July 29, 2008 at 10:00 A.M.** at the Harry R. Hanley Building, Bureau of Safety Engineering in **Springfield**.

A variety of safety related engineering services are required for work on various projects statewide. 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.

This project is anticipated to include a wide variety of tasks to assist in the implementation of the Illinois Comprehensive Highway Safety Plan and federal safety requirements. This may include but not be limited to review and proposing recommended changes to engineering design and traffic operations policies, roadway feature data collection and analysis, crash analysis, cost estimates, traffic management analysis, development of engineering solutions to safety related problems, development of training to address identified safety needs, and other related work and exhibits necessary to complete the assigned tasks.

The department will furnish the Consultant with any available manuals, plans, traffic data, crash data, agency coordination, and any other pertinent and available information.

The completion date for this contract will be 36 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 36 months.

Key personnel listed on **Exhibit A** 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 (must be an Illinois Licensed Professional Engineer).
- The person who has the necessary experience with crash data who can identify crash trends, contributing factors, and appropriate solutions.
- The person who has the necessary experience in the safety field who can recommend engineering policy changes.

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

Special Studies (Traffic)
Special Studies (Safety)

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

41. **Job No. D-30-104-08, Various Lighting Projects, Various Routes, Various Counties, Bureau of Design and Environment.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **August 22, 2008** at **10:00 A.M.** in the Harry R. Hanley Building, Bureau of Design and Environment in **Springfield**.

Phase II engineering services are required for various lighting and electrical projects throughout the State. 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.

Joint Ventures will not be allowed on this project.

Phase II work may consist of engineering design for roadway lighting, electrical installations, dewatering pump station upgrades, and other electrical and lighting facilities. Work may also include the review of plans, special provisions, and contract documents, which relate to electrical, lighting, and pump station work as well as the analysis of field problems, site visits, and nighttime inspections.

The Consultant will be expected to perform work similar to the Electrical Unit Chief and Staff. Key staff from the Consultant may be expected to work at the Harry R. Hanley Building in the Bureau of Design and Environment several days a week.

Lighting or electrical oversight and lighting or electrical design by the same Consultant or one of their subconsultants on the same project are prohibited.

The various proposed projects may consist of engineering design, electrical layout and the development of detail drawings and contract documents.

The department will furnish the Consultant with any plans and contract documents necessary to complete the work. The Consultant is responsible to furnish their own design documents including all lighting and electrical design guides and all electronically available IDOT specification and policy documents.

The engineering services required may consist of only a portion of the total engineering work on a certain project.

The completion date for this contract will be 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 contract must include:

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be a graduate Electrical Engineer with adequate roadway lighting experience). This individual, who will work on-site at the Hanley Building as required (must be an Illinois Licensed Professional Engineer or have sufficient technical ability and work experience to qualify for the work). In addition, staff performing support duties for this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer with adequate lighting plan review experience).

Firms must be prequalified in the **Special Plans (Lighting)** category to be considered for this project.

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

42. **Job No. D-30-105-08, Statewide Assignments Consisting of Various Phase I, II and/or III Projects, Various Routes, Various Counties, Bureau of Design and Environment.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2008** at **9:30 A.M.** at the Harry R. Hanley Building, Bureau of Design and Environment in **Springfield**.

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

Phase I work if required may consist of route surveys, data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, Environmental Assessment reports and other related work and exhibits necessary to complete or assist with Phase I studies. The engineering services required may consist of only a portion of the total engineering work on a certain project.

Phase II work if required, may consist of conducting route surveys, geometric studies, reviewing right-of-way documents, and pump station plans, and any other related work necessary to complete final review of plans, specifications, and estimates. Other work may include assignments related to the Bid-letting process. Services may also include lighting design and/or inspection. The engineering services required may consist of only a portion of the total engineering work on a certain project.

Phase III work if required, may consist of field reviews, documentation review, inspection and any other related work necessary to complete or assist with Phase III work. The engineering services required may consist of only a portion of the total engineering work on a certain project.

Administrative services may consist of the review and development of IDOT manuals, memorandum, policies, contract compliance, or other projects required to complete department tasks. The Consultant may be required to coordinate and review railroad and/or utility issues. Projects may include other miscellaneous administrative duties as required by the department.

The department will furnish the Consultant with any available data as it pertains to the required project.

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

Key personnel listed on **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 reports, manuals and/or plans (must be an Illinois Licensed Professional Engineer).
- The person(s) who will be in charge of the administrative service duties as described above.
- The person who will perform and be responsible for the lighting design/inspection work.
- The person who will be in charge of the route surveying must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Land Surveyor.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).
- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, socio-economics and ecology. Environmental staffing on **Exhibit B** must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition.

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

Highways (Freeways)
Location/Design Studies (New Construction/Major Reconstruction)
Environmental Reports (Environmental Impact Statements)

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.

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).

Return To: Cement and Concrete Reference Laboratory
At NIST
100 Bureau Drive, Stop 8616
Gaithersburg, Maryland 20899-8618
Phone: 301-975-6704
Fax: 301-975-2243
Email: ccrl@nist.gov

APPROVAL TO RELEASE CCRL PROFICIENCY SAMPLE RESULTS TO:

Name: Mark Gawedzinski, BMPR Pre-Qualification Coordinator
Company: Illinois Department of Transportation
Bureau of Materials and Physical Research
Address: Springfield, Illinois
Email Address: mark.gawedzinski@illinois.gov
Phone: 217-782-2799

For:

Laboratory Name: _____

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**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:

<i>Project Folder Name</i>	<i>Folder Content</i>
 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:	PLANeng.dgn
For 3D English unit plans use:	IDOTeng.3d
For 2D Metric unit plans use:	PLANmet.dgn
For 3D Metric unit plans use:	IDOTmet.3d

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

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

What cell library should I use for drafting roadway plans?

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

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.

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 DBE FIRMS AND PROJECT GOALS

The firms noted on the List of Pre-qualified Consultants on IDOT's website (www.dot.il.gov/desenv/preqcons.html) are firms certified as a DBE in specified areas. It is the responsibility of any prime consultant firm to go to the **Illinois Unified Certification Program** web site (www.dot.il.gov/ucp/ucp.html) to verify the subconsultant is certified as a DBE in the area of work the sub will be performing on a specific project. Only the pre-qualified areas of work the DBE firm is certified in as a DBE will be considered toward the project's DBE goal.

Each list of tasks specified on a DBE's Cost Estimate Consultant Services (CECS) will be verified for DBE certification beginning January 1, 2007.

If you have any questions on DBE certification, please contact Carol Lyle in the Office 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.

NOTICE FOR DOCUMENTATION OF CONTRACT QUANTITIES

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

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

NOTICE OF ELECTRONIC SIGNATURES

In order for us to verify your scanned in signature (on cover letters, Exhibit A, Disclosure Forms A and B, and Delinquent Payment Form) we request that you complete the Signature Certification for Electronic Submittals form and submit it to us in **hard-copy** immediately. A signature certification form must be completed for each individual that will be signing any of the above mentioned documents. **If you have previously submitted your Signature Certification and no new individual will be signing the documents you are not required to re-submit the document.**

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

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

Signature Certification for Electronic Submittal

Notice
Of Requirement For
Illinois Department Of Human Rights (IDHR)
Public Contract Number

Following selection, contract all proposal packages submitted to the Illinois Department of Transportation (IDOT) must contain the firm's IDHR number and the expiration date. The Department is required by law to require this number from all parties contracting with the State of Illinois. If your firm currently does not have an IDHR number the application form may be obtained from the following web-site www.state.il.us/dhr/ or may also be obtained by contacting:

DHR, Public Contracts Section
Public Contracts Division
100 W. Randolph,
Suite 10-100
Chicago, IL 60601

or by calling: 312-814-2432 (TDD 312-263-1579)

NOTE: An IDHR public contract number is not required if the firm employs fewer than 15 employees.

NOTICE FOR JOINT VENTURE

Statements submitted by Joint Ventures will be considered. The Joint Venture, Agreement signed by all parties, must be included with the statement of interest. The Joint Venture entity will have the sum of the individual firm's prequalification, capacity and evaluation history. IDOT **does not** have a form for joint venture agreements. The firms submitting as a joint venture are required to obtain and submit the joint venture agreement.

The required insurance coverage applies to the Joint Venture entity.

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

- the party who will be the managing firm
- the firm responsible for each prequalification category
- each individual firm's work left, disclosure forms and delinquent dept forms.
- the firm responsible for invoicing
- One Exhibit A plus other required documents specified in the PTB combining the information for all firms. (Indicate personnel name and firm name on exhibit A for key staff)

EXHIBIT A EXAMPLE:

Name Required Prequalification Category :

	<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. 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 than 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
Effective January 24, 2008

**Illinois Department of Transportation
Requirements for Verification of Quality Assurance Consultants Enrollment in
the AMRL Proficiency Assessment Program**

As part of the prequalification process, Consultants wanting to become precertified as a Quality Assurance Consultant must be enrolled in the AASHTO AAP Proficiency Assessment Program. IDOT now requires consultants enrolled in the program allow IDOT access to their proficiency ratings via the AASHTO AMRL web site. In order to meet the terms of this requirement, as part of the prequalification process, each consultant is directed to the AASHTO web site at:

<http://amrl.net>

Log in to the site as you would to report your firms' proficiency assessment results. Once the firm has logged into the AASHTO web site, complete the following steps:

- Select the black "My Lab" tab at the top of the page.
- Then Under Lab Account in the left column, select Manage PSP Specifiers.
- Select Add New Specifier and then from the dropdown list, select IL Dept of Transportation.
- Select Configure Enrollment Specifiers.
- Make the following samples available for evaluation with unlimited time periods:

AASHTO (Illinois Modified)	ASTM	Description
AGGREGATES		
T 11 (IL)	C117	75-µm (No. 200) by Washing
T 27 (IL)	C136	Sieve Analysis of Fine and Coarse Aggregates
T 84 (IL)	C128	Specific Gravity and Absorption of Fine Aggregate (Slag Labs Only)
T 85 (IL)	C127	Specific Gravity and Absorption of Coarse Aggregate (Slag Labs Only)
HOT-MIX ASPHALT		
T 166 (IL)	D2726	Bulk Specific Gravity
T 209 (IL)	D2041	Maximum Specific Gravity
T 312 (IL)		Superpave Gyratory compaction
T 308 (IL)		Asphalt Binder Content by Ignition
CONCRETE		
T 22 (IL)	C 39	Compressive Strength of Cylinders
T 23 (IL)	C 31	Making and Curing Test Specimens in the Field
T 119 (IL)	C 143	Slump
T 121 (IL)	C 138	Weight, Yield, and Air Content
T 126 (IL)	C 192	Making and Curing Test Specimens in the Laboratory
T 152 (IL)	C 231	Air Content-Type A or B Pressure Method
T 196 (IL)	C 173	Air content by Volumetric Method (if performed)

- Select Next
- Select Finish

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

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

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

NOTICE
Construction and Quality Assurance Consultants
S 33- Geotechnical Field Testing and Inspection Class

Professional Transportation Bulletin 117 included a notice that S 33 is a required class for technicians performing soil tests on construction projects. This includes consultant personnel providing Construction Inspection or Quality Assurance Testing on Department projects. The Department will schedule sessions of this class after determining the demand. Below is a description of the class and sign-up information.

Course Objectives

The student will be able to do the following: 1. Determine the Standard Dry Density and Optimum Moisture content of soil or soil mix according to AASHTO T 99. 2. Determine in-place density in accordance with approved test procedures. 3. Select the correct soil curve by the use of a one-point proctor and/or textural classification of the soils. 4. Determine the moisture content of a soil by either laboratory or field methods. 5. Perform validity checks of the soils test results. 6. Report test results in accordance with departmental requirements.

Prerequisites:

1. One year of college level technical training or six months experience, or consent of the course instructor;
2. High school math, including ability to calculate percentages.

Course Length:

Two Days, including written examination.

Cost:

There is no cost to consultants.

Location:

District One, District Eight, and other locations determined by demand.

Schedule:

As determined by demand; late fall, winter, and early spring.

To Register:

Mail or Fax a note or e-mail Brad Risinger in the Technical Training Unit. For each proposed registrant, provide name, firm name, address, phone, FAX and e-mail. Please list multiple registrants in priority order, since seating in initial classes may be limited.

Brad Risinger
IDOT- Technical Training Unit
313 Hanley Building
2300 S. Dirksen Parkway
Springfield, IL 62764
217 782-0128
FAX 217 524-7260
Brad.Risinger@illinois.gov

NOTICE 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.

STRUCTURAL DESIGN SPECIFICATION SELECTION TABLE:	
New or Complete Replacement Structure Projects:	
PPC Deck Beams, Retaining Walls & Concrete Culverts	AASHTO Standard Spec. for Highway Bridges
All Other Structure Types	AASHTO LRFD Bridge Design Spec.
Structure Rehabilitation Projects:	
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.

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

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

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

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

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

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

<http://www.ntionline.com/Courses.asp>