

Professional Transportation Bulletin

PTB 140

April 20, 2006

Revised: April 25, 2006



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

IMPORTANT NOTICE SPECIAL PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: **June 28, 2006**

The following revisions have been made to this Special 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: April 25, 2006.

Item 24: Prequalification requirements were revised by eliminating the **Special Plans (Lighting)** category requirement.

Item 29: Included complexity factor for DLM and CPFF.

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: **June 28, 2006**

The following revisions have been made to this Special 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 April 20, 2006.

STATE OF ILLINOIS
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: kowalski1@dot.il.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 141	PTB 142	PTB 143	PTB 144	PTB 145	PTB 146	PTB 147	PTB 148	PTB 149
PUBLISH PTB	20-Jul-06	12-Oct-06	11-Jan-07	05-Apr-07	28-Jun-07	11-Oct-07	10-Jan-08	10-Apr-08	10-July-08
STATEMENTS OF INTEREST ARE DUE	03-Aug-06	26-Oct-06	25-Jan-07	19-Apr-07	12-Jul-07	25-Oct-07	24-Jan-08	24-Apr-08	24-Jul-08
SELECTION MEETING	04-Oct-06	03-Jan-07	28-Mar-07	20-Jun-07	12-Sep-07	09-Jan-08	02-Apr-08	25-Jun-08	24-Sep-08

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 4.0 version or greater.

Electronic submittals should be made to the Central Office only. The Central Office will forward the necessary consultant information to the 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.

It is important that your e-mail appear exactly like the attached sample described below:
(Note: ABC Engineering is used for example purposes only.)

- The Subject Line **must** read: FIRM NAME, PTB NUMBER, ITEMS

(Example: ABC Engineering PTB 122, Items 2, 15, & 22) If there will be more than one e-mail please note as follows: 1 of the total number etc.

(No additional data or extra characters -- # signs, parentheses, etc. -- should appear in the subject line.)

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

(Example: ABC Engineering has submittals for PTB 122, Items 2, 15, and 22.)

- The second line should list the name and phone number of your firm's contact person.
- 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: ABCENG02.pdf)

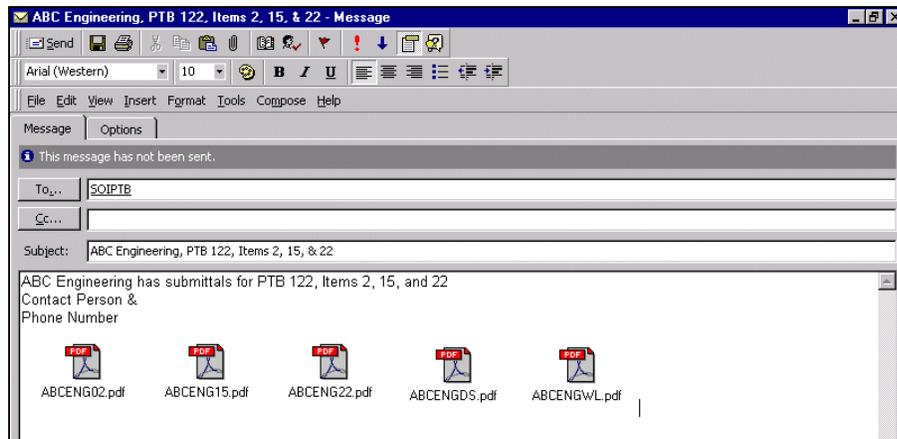
2) For your firm's Current Obligation Form, use your 2-6 character Firm Name Code, followed by WL.

(Example: ABCENGWL.pdf)

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

(Example: ABCENGDS.pdf)

Please review the following example:



- ABCENG02, ABCENG15 and ABCENG22 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 it next, followed by resumes of individuals listed on page 2 of Exhibit B.
- ABCENGWL is the Current Obligation Form. Only one copy of the Current Obligation Form is required. Do not send the instructions.
- ABCENGDS is the Disclosure Forms. Include a cover sheet with PTB #___ & Item(s) ____, Form A, Form B and Form for Offerors That Have Previously Submitted Form A. Only one copy of the Disclosure Forms is required. Do not send the instructions.

The size limitation on an incoming e-mail is 2 MB. If you exceed this limit, you must separate contents into multiple e-mail. 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) can be very large.

Signatures must be scanned, then cut/copied and pasted into the appropriate signature blocks. The file should then be converted to a PDF.

The Exhibits, Current Obligation and Disclosure Forms are available as word documents and should be downloaded from our web-site: <http://www.dot.il.gov/desenv/deform.html> The bookmarks for the Exhibits, Current Obligations and Disclosure forms are also linked to the web-site.

The Word documents are labeled as follows:

Exhibits = EXHAB
Current Obligation Form = CURRENT OBLIGATIONS
Disclosure Forms = DISC2

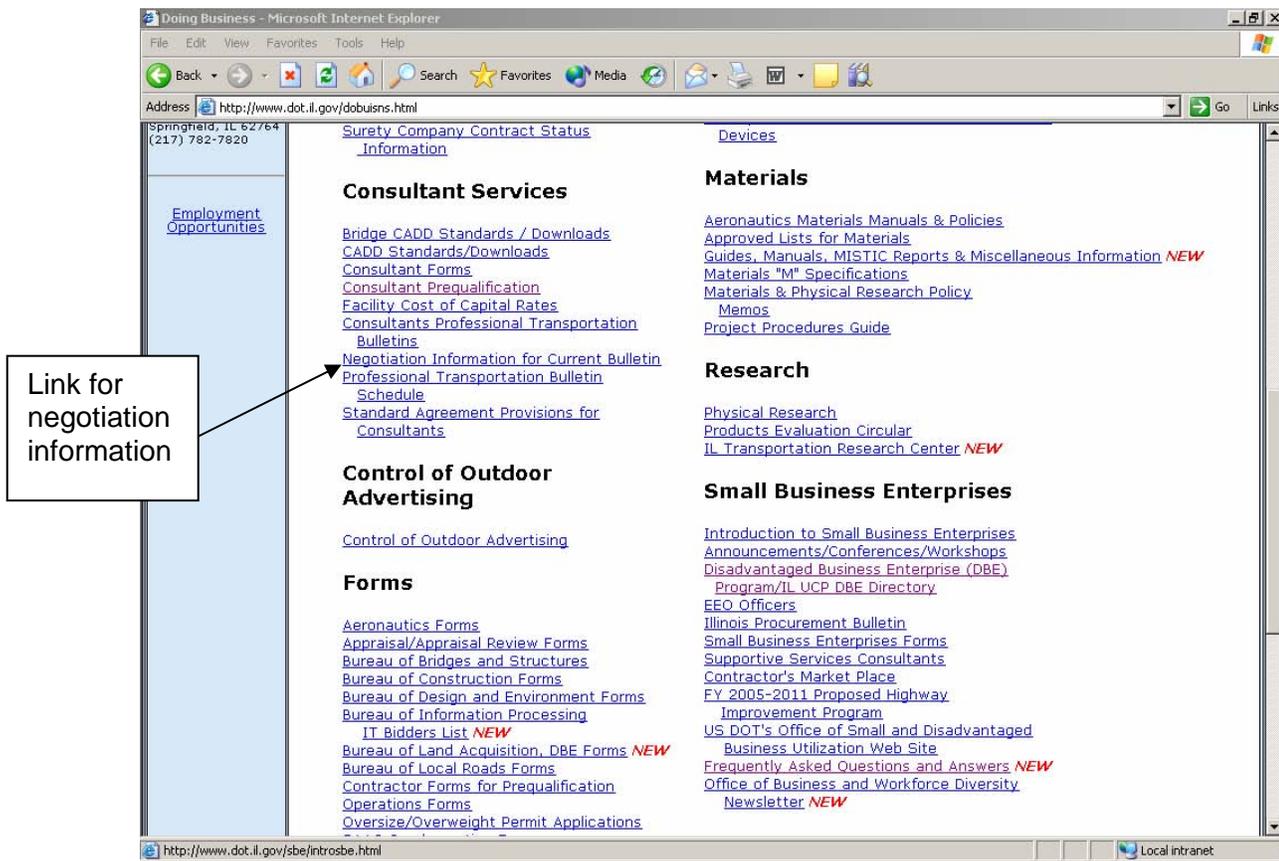
Complete the Word documents then convert them to Adobe PDF for the submittal.

Do not send zipped files, as we do not have the software to open them.

If you have questions about electronic submittals, please contact Carrie Kowalski at KOWALSKICL@dot.il.gov.

NOTICE

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



- **Region 1**
- **Diane O'Keefe**
 - **District One**
 - **Items 1-10**
- **Region 2**
- **Gregory Mounts**
 - **District 2**
 - **Items 11-22**
 - **District 3**
 - **Items 23-24**
- **Region 3**
- **Joseph Crowe**
 - **District 4**
 - **Items 25-26**
- **Region 4**
- **Christine Reed**
 - **District 6**
 - **Item 27-29**
- **Region 5**
- **Mary Lamie**
 - **District 8**
 - **Items 30**
 - **District 9**
 - **Items 31-33**
- **Bureau of Design & Environment**
- **Michael Hine**
 - **Item 34**
- **Bureau of Bridges and Structures**
- **Ralph Anderson**
 - **Item 35-36**

NOTICE
FOR CHANGE IN
RATES ESCALATED

Effective with the selection of
PTB 139, April 5, 2006

Any Prime agreements prior to PTB 139 and associated supplements will be processed at a rate of no more than 5%.

Beginning with the selection of PTB 139, April 5, 2006, and all associated supplements, the escalation rate will be no more than 3%.

This does not effect the procedure for calculating the agreement's upper limit of compensation nor how to invoice labor. Average hourly rates per employee classifications will still be escalated for each year of the contract and the employees' actual salary is invoiced.

If you have any questions please call Cheryl Cathey at (217) 782-7557.

**ILLINOIS DEPARTMENT OF TRANSPORTATION
NOTICE
For
VENDOR DELINQUENT DEBT**

Effective March 1, 2006 prior to awarding any contract or entering into any agreement, state agencies are required to inquire, using the vendor FEIN or SSN, the Comptrollers Offset System to determine if any delinquent debt has been placed by a state agency. This inquiry shall be made for the prime vendor and each known subcontractor/sub consultant.

Any bidder/offerer as a prime contractor or consultant that is found to have delinquent debt will be considered not responsive. No award can be made.

If a subcontractor/subconsultant is found to have delinquent debt approval can not be given until the debt has been satisfied. The Department will notify the prime contractor/consultant when a subcontractor/subconsultant is found to be delinquent.

A firm may contact The Office of the Comptroller to determine if they have delinquent debt. All consultants, contractors, subconsultants and subcontractors are strongly encouraged to do so now, and to satisfy any outstanding debt/issues, to avoid their bid/proposal being declared not responsive or delays in award due to subcontractor/subconsultant issues.

For PTB 140 and future Professional Transportation Bulletins the following form must be completed and submitted with your Statements of Interest. The form and an example are included in this PTB. Please review the form and the example.

Any prime consultant that is found to have delinquent dept will not be considered for selection.

Questions concerning consultants and/or subconsultants may be directed to Cheryl Cathey at 217-782-7557.

PTB # _____ & Item(s) # _____

DELINQUENT PAYMENT FORM FOR ILLINOIS
DEPARTMENT OF TRANSPORTATION

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

I certify that _____ with the FEIN or SSN number of _____
(FIRM Name) (FEIN/SSN)

is in compliance with the Delinquent Payment Statement as stated above.

(SIGNATURE & DATE)

List all known subconsultants and the PTB Item(s):

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcengDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.

EXAMPLE ONLY

(Red text is for information only)

PTB # 140 & Item(s) # 2, 3, & 5

List all items prime has in for Statements of Interest

DELINQUENT PAYMENT FORM FOR ILLINOIS
DEPARTMENT OF TRANSPORTATION

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

I certify that ABC Engineering, Inc. with the FEIN or SSN number of 555-55-5555 is in compliance with the Delinquent Payment Statement as stated above. SIGNED & DATED. the signature is from the applicable firm, do not sign for the SUBS.

This is for all subconsultants the prime will be using on all items on this PTB. If you are not using subconsultants write NONE.

List all known subconsultants and the PTB Item(s):

Joes Engineers, Inc. Item 2 & 5

Bridge, Inc., Item 3

Survey Corp. Inc. Item 2, 3, & 5

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcengDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.

THIS WOULD BE SUBMITTED AS ONE PDF FILE AND WOULD BE NAMED "ABCENGDP.PDF. THE FILE WOULD CONTAIN FOUR PAGES, CONSISTING OF ONE FOR THE PRIME AND ONE FOR EACH OF THE SUBS.

EXAMPLE ONLY
(Red text is for information only)

PTB # 140 & Item(s) # 2 & 5

Items would be only the ones this sub is doing for this prime. If a subconsultant is listed on multiple prime the subs must submit for each prime.

DELINQUENT PAYMENT FORM FOR ILLINOIS
DEPARTMENT OF TRANSPORTATION

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

Page 2 would be a subconsultant

I certify that **Joes Engineers, Inc.**, with the FEIN or SSN number of **666-66-6666**, is in compliance with the Delinquent Payment Statement as stated above.

SIGNED AND DATED BY APPLICABLE SUBCONSULTANT FIRM

List all known subconsultants and the PTB Item(s):

N/A

INFORMATION BELOW IS FOR THE SUBMITTAL BY THE PRIME. THE SUBCONSULTANT CERTIFICATION WOULD BE A PART OF THE PRIME SUBMITTAL.

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcengDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.

EXAMPLE ONLY

(Red text is for information only)

PTB # 140 & Item(s) # 3

Items would be only the ones this sub is doing for this prime. If a subconsultant is listed on multiple prime the subs must submit for each prime.

**DELINQUENT PAYMENT FORM FOR ILLINOIS
DEPARTMENT OF TRANSPORTATION**

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

Page 3 would be a subconsultant

I certify that **Bridge, Inc.**, with the FEIN or SSN number of **777-77-7777**, is in compliance with the Delinquent Payment Statement as stated above. **SIGNED AND DATED BY APPLICABLE SUBCONSULTANT FIRM**

List all known subconsultants and the PTB Item(s):

N/A

INFORMATION BELOW IS FOR THE SUBMITTAL BY THE PRIME. THE SUBCONSULTANT CERTIFICATION WOULD BE A PART OF THE PRIME SUBMITTAL.

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcengDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.

EXAMPLE ONLY
(Red text is for information only)

PTB # 140 & Item(s) # 2, 3 & 5

Items would be only the ones this sub is doing for this prime. If a subconsultant is listed on multiple prime the subs must submit for each prime.

DELINQUENT PAYMENT FORM FOR ILLINOIS
DEPARTMENT OF TRANSPORTATION

Delinquent Payment. The CONSULTANT certifies that it, or any affiliate, is not barred from being awarded a contract under 30 ILCS 500. Section 50-11 prohibits a person from entering into a contract with a State agency if it knows or should know that it, or any affiliate, is delinquent in the payment of any debt to the State as defined by the Debt Collection Board. Section 50-12 prohibits a person from entering into a contract with the State agency if it, or any affiliate, has failed to collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the Illinois Use Tax Act. The CONSULTANT further acknowledges that the contracting State agency may declare the contract void if this certification is false or if the CONSULTANT or any affiliate is determined to be delinquent in the payment of any debt to the State during the term of the contract.

Page 4 would be a subconsultant

I certify that **Survey Corp., Inc.**, with the FEIN or SSN number of **888-88-8888**, is in compliance with the Delinquent Payment Statement as stated above. **SIGNED AND DATED BY APPLICABLE SUBCONSULTANT FIRM**

List all known subconsultants and the PTB Item(s):

N/A

INFORMATION BELOW IS FOR THE SUBMITTAL BY THE PRIME. THE SUBCONSULTANT CERTIFICATION WOULD BE A PART OF THE PRIME SUBMITTAL.

One Adobe PDF document must be submitted with the Statement of Interest for the prime and the single file must contain each known subconsultant the prime will be using.

Label with firm code and DP and submit as an Adobe PDF document.

Example:

Firm SOI CODE: (abcengDP.pdf) this would be one document containing the prime's statement of compliance and this file would also contain the subconsultant(s) certification of compliance.

NOTICE FOR METHOD OF CONTRACTING

For any project advertised after December 1, 2005, FHWA will not participate in projects using the DLM method of payment. With the new Federal transportation bill and to allow greater flexibility with funds, we are exploring the option of using the Cost Plus Fixed Fee Method (CPFF) of compensation for our consulting engineering projects.

Some advertisements have been designated as CPFF while others contain both payment options so the issues can be examined and the best payment method determined on or before the selection June 28, 2006.

For the advertisements containing both payment options, the following paragraph has been included in the Professional Transportation Bulletin Items:

“This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting. “

NOTE:

Upper limit of compensation:

$$\begin{aligned} \text{CPFF:} &= \text{Direct Labor} + \text{Direct Costs} + \text{Overhead} + \text{Fee} \\ &= \text{DL} + \text{DC} + \text{Actual OH} * \text{DL} + \text{Fee} \end{aligned}$$

Where Fee = 14.5% [DL (2.24 + R) + DC (in house)];
(approximately equal to the 2.8 DLM)

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN 140
April 20, 2006

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

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

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

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

STATEMENTS MUST BE RECEIVED BY THE BUREAU OF DESIGN AND ENVIRONMENT AT THE ABOVE ADDRESS AND IF APPLICABLE, THE APPROPRIATE DISTRICT ENGINEER OR BUREAU CHIEF PRIOR TO 4:30 P.M. LOCAL TIME, May 4, 2006. 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)

Firms 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.

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. 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) No color graphics/photographs should be included in the submittal because of the size limitation on incoming e-mail is 2 MB.
- 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. Subconsultants must be prequalified in the area of work they will be performing.
- 6) Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) require completion of **Exhibit B**.
- 7) Experience of the staff or firm in accomplishing similar types of work should be shown for only the most recent projects and should be concise and relevant to the expertise required for the specific project. If there are several projects with the same work completed, then one summary would be adequate with each location and the project manager noted for each. This information should be shown at the end of the SOI.
- 8) Any other information specifically requested in the project advertisement should be included where specified in the submittal.
- 9) The Instructions for completing the Current Obligation documents immediately precede the Current Obligation forms. The Current Obligation Forms should be a separate document from the SOI. Only one copy, sent to the Central Bureau of Design and Environment, is required.
- 10) Instructions for completing **Forms A** and **B** are included on pages 1 and 2 immediately preceding **Forms A** and **B**. Disclosure Forms should be a separate document from the SOI. A cover should be provided with a statement similar to the following: "*The **Form A** disclosures (or Certification Statement) and the **Form B** disclosures are being submitted for PTB # _____, Item(s): _____.*" Only one copy, sent to the Central Bureau of Design and Environment, is required. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.

Guidelines for Submitting Statements of Interest (SOI)

11) Exhibit A, Exhibit B, the Current Obligations Form, and the Disclosure Forms are available as word documents on our web site: <http://www.dot.il.gov/desenv/deform.html>. The Disclosure is labeled as DISC2. The Exhibits are labeled as EXHAB. The Current Obligations are labeled CURRENT OBLIGATIONS.

The following addresses may be used when a hard copy of the SOI is requested 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

Regional/District copies should be addressed as follows:

Region 1

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

Region 2

Mr. Gregory Mounts
District 2
819 Depot Avenue
Dixon, IL 61021

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

Region 3

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

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

Region 4

Ms. Chris Reed
District 6
126 East Ash St.
Springfield, IL 62704

Ms. Chris 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)785-4784.

Table Of Contents
PTB 140

<u>Item #</u>	<u>County</u>	<u>Description</u>
<u>Region 1 /District 1</u>		
1.	Will	Phase III engineering services for I-55 project from I-80 to US 30 (Plainfield Rd.)
2.	Will	Phase III engineering services for I-55 project from US 30 (Plainfield Rd.) to Weber Rd.
3.	DuPage	Phase II engineering services for IL 19 (Irving Park Rd.) at York Road
4.	Cook	Phase III engineering services for US 6 project, East of Park Avenue under the Canadian National Railroad Bridge
5.	Cook	Phase II engineering services for I-94 (Edens Expressway) project from Lake Cook Rd. to Lawrence Ave.
6.	Various	Project Manager for Data Bank Management for field collection & processing of the collected data.
7.	Various	Phase II engineering services for various projects throughout the District.
8.	Various	Various Geotechnical Investigation projects throughout the District.
9.	Various	Various Quality Assurance Testing projects throughout the District
10.	Various	Various Traffic Signal Coordination and Timing (SCAT) projects throughout the District.
<u>Region 2 / District 2</u>		
11.	Henry	Phase I engineering (Feasibility Study) for IL 82, Structure under the Iowa Interstate Railroad in Geneseo.
12.	Winnebago	Phase III engineering services for I-39 over the Kishwaukee River.
13.	Various	Phase III engineering services for various projects throughout the District.
14.	Various	Phase III engineering services for various projects throughout the District.
15.	Various	Phase III engineering services for various projects throughout the District.

<u>Item #</u>	<u>County</u>	<u>Description</u>
<u>Region 2 / District 2</u>		
16.	Various	Land and Route Surveying for various projects throughout the District
17.	Various	Land and Route Surveying for various projects throughout the District
18.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
19.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
20.	Various	Phase II engineering services for various bridge projects throughout the District.
21.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
22.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
<u>Region 2 / District 3</u>		
23.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
24.	LaSalle	Phase II engineering services for I-80/IL 251 Interchange at Peru
<u>Region 3 / District 4</u>		
25.	Various	Phase III engineering services for various projects throughout the District.
26.	Tazewell	Phase I engineering services for I-74/I-155 Interchange reconstruction on northwest side of Morton.
<u>Region 4 / District 6</u>		
27.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
28.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
29.	Cass & Schulyer	Phase II engineering services for completion of a CSS study and report for US 67 from southeast of the proposed IL 125 Interchange to Northwest of the proposed IL 100/IL103 interchange.

<u>Item #</u>	<u>County</u>	<u>Description</u>
<u>Region 5 / District 8</u>		
30.	Madison	Phase III engineering services for IL 255 from Fosterburg Rd. to Seminary Road.
<u>Region 5 / District 9</u>		
31.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
32.	Various	Phase I and/or Phase II engineering services for various projects throughout the District.
33.	Williamson	Phase II engineering services for the I-57 interchange at IL 3 project.
<u>Bureau Of Design and Environment</u>		
34.	Various	Phase I and/or Phase II engineering services for various projects with the Department of Natural Resources and the Department of Historic Preservation throughout the State.
<u>Bureau Of Bridges and Structures</u>		
35.	Various	Engineering services for various structural steel shop fabrication inspections throughout the State
36.	Various	Engineering services for various underwater diving investigations of bridges throughout the State.

1. **Job No. C-91-093-05, I-55: I-80 to US 30 (Plainfield Rd.) Phase III Project, Will County, Region One/District One.**

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

This project requires 20% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **June 29, 2006 at 8:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required the I-55 project from approximately I-80 to US 30. The project is anticipated to consist of the widening and resurfacing of I-55 to provide a third lane in both the north bound (NB) and south bound (SB) directions of travel; removal of the bridge decks and widening of the I-55 SB bridge crossing over the CSX Railroad and the I-55 NB and SB bridges crossing over U.S. 30; widening of the I-55 NB and SB bridges crossing over Sunnyland Drain. The work to be performed under this contract shall include, but not be limited to, bridge deck removal, pavement and shoulder removal, bituminous surface removal, and removal of other miscellaneous items; substructure widening, bridge decks, bridge crash wall modification bituminous patching, bituminous resurfacing, bituminous and PCC pavement widening, bituminous and PCC shoulders, concrete median barrier, storm sewers and appurtenances, culverts, pipe under-drains, landscaping, electrical conduit installation, sign foundations, erection of overhead sign structures, sign panels, pavement markings, and all incidental and collateral work necessary to complete the project. All work for this project will be in English units.

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

- 099-0312 - SB I-55 over CSX Railroad
- S.N. 099-0030 – IL-59 over I-55
- S.N. 099-4642 – IL-59 over I-55
- 099-0139 – US 52 over I-55
- 099-0209 – Black Road over I-55
- 099-0014 – SB I-55 over Sunnyland Drain
- 009-0015 – NB I-55 over Sunnyland Drain
- 099-0210 – Caton Farm Road over I-55
- 099-0016 – NB I-55 over US-30
- 099-0017 – SB I-55 over US-30

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

The estimated construction cost for this project is \$61,250,000. The Consultants work is anticipated to consist of on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The construction completion date is expected to be by September 20, 2007 + 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the construction completion date.

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

- The Liaison Engineer.
- Two Assistant Liaison Engineers.
- 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.

2. **Job No. C-91-094-05, I-55: US 30 (Plainfield Rd.) to Weber Rd. Phase III project, Will County, Region One/District One.**

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

This project requires 20% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **June 29, 2006 at 10:00 A.M.** the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for the proposed inside pavement widening in order to provide three 12-foot lanes in each direction with adjacent 6.5-foot inside shoulders separated by a concrete barrier. In addition, proposed ramp and auxiliary lane widening will occur at the northbound entrance and southbound exit ramps at the U.S. 30 interchange and at the northbound entrance and southbound exit ramps at the Weber Rd. interchange. The main structural feature improvements include inside deck and sub-structure widening at the dual bridge structures crossing over the EJ&E Railroad, Abandoned Materials Service Railroad, and Mink Creek. Also, the existing single span structures at Lily Creek will be replaced with a triple box culvert. The southbound structure crossing the EJ&E Railroad will also be widened to the outside. Other project work consists of mainline pavement resurfacing, milling and resurfacing of the existing outside shoulders, pavement patching, installation of an enclosed main drain storm sewer under the median, along with other drainage improvements, conduit installation, erosion control, traffic control and protection, crash investigation site locations, signing and pavement marking, cantilevered signs, landscaping, and other related work items needed to complete the project. All work for this project will be in English units.

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

- 099-0018 – NB EJ&E
- 099-0019 – SB EJ&E
- 099-4615 – NB Mink Creek
- 099-4616 – SB Mink Creek
- 099-0022 – NB Abandoned Materials Service Railroad
- 099-0023 – SB Abandoned Materials Service Railroad
- 099-0024 – NB Lily Cache Slough
- 099-0025 – SB Lily Cache Slough
- 099-0212 – Renwick Road
- 099-0176 – Lockport Road
- 099-0031 – IL 126 flyover ramp
- 099-0281 – Weber Road

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

The estimated construction cost for this project is \$61,250,000. The construction completion date is expected to be by September 20, 2007 + 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the construction completion date.

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

- The Liaison Engineer.
- Two Assistant Liaison Engineers.
- 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.

3. **Job No. D-91-332-06, FAU 1321 (IL 19) (Irving Park Rd.) at York Rd., DuPage County, Region One/District One.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 15% DBE participation.

For **DLM** the **Complexity Factor** for this project is **0.003**.

For **CPFF** 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 **June 30, 2006 at 10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for preparation of contract plans, specifications and estimates, including TSL, structure, roadway plans for improvements to the IL 19 at York Road intersection. The Consultant's work is expected to consist of preparing plans for a railroad and a roadway runaround for IL 19 which will need to be completed in advance of the intersection improvements. It is anticipated that the proposed drainage system will involve a pump station. Plans are expected to include the installation of a total of three interconnected traffic signals within the project limits. Upgrades to the existing roadway lighting and underpass lighting are also anticipated. Coordination with local agencies includes but is not limited to, DuPage County, the City of Chicago, railroad companies, the O'Hare Modernization Program and the Illinois State Highway Toll Authority will be required. All work for this project will be in English Units.

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

- Proposed railroad overpass structure (+/- 120 feet long) for the Canada Pacific Railroad (CPRR).
- A proposed overpass structure (+/- 120 feet long) for York Rd. over IL 19 is also under consideration.
- The project will involve structure plan preparation for proposed multiple cell box culverts or culvert extensions and retaining walls.

The department will furnish the Consultant with project report, location drainage study, hydraulic report, CADD files and survey data and pavement design, and pump station plans.

The estimated construction cost for this project is \$40,000,000. The Consultant's work includes preparation of contract plans, specifications and estimates, including TSL and structure plans, roadway plans and all other work required to complete the IL 19 at York Rd. project. The completion date for this contract will be 18 months after authorization to proceed.

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

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

- The person who will perform 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).

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

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

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

4. **Job No. C-91-207-01, US 6 (159th St.): East of Park Ave. under the Canadian National Railroad Bridge, Phase III Project, Cook County, Region One/District One.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 20% DBE participation.

For **DLM** the **Complexity Factor** for this project is **0.003**
For **CPFF** 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 **June 29, 2006 at 2:00 P.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for the improvement of US 6 (159th St.) from approximately east of I-294 to east of IL 1 (Halsted St). The general scope of work is construction of a new 3-track CN RR bridge over US 6, relocation of utilities, RR roadbed and track construction, minor roadway work and maintenance of traffic. A detour for wide load traffic will be provided during construction. All work for this project will be in English units.

The following structure, S.N. 016-2754 – CN Railroad Bridge over US 6, is anticipated to be included in this project. The department will furnish the Consultant with contract plans and specifications.

The estimated construction cost for this project is \$6,191,000. The Consultant's work is expected to include performing on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The construction completion date is expected to be by June 29, 2007 + 15 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the construction completion date.

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

- Assistant Liaison Engineer.
- Materials QA Technician.
- 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 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.

5. **Job No. D-91-174-03, FAI 94 (I-94/Edens Expressway) from Lake Cook Rd. to Lawrence Ave., Cook County, Region One/District One.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 10% DBE participation.

For **DLM** the **Complexity Factor** for this project is **0.003**
For **CPFF** 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 utilizing are scheduled to attend an initial meeting on **June 30, 2006 at 10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates for the resurfacing of I-94 (Edens Expressway) from Lake Cook Rd. to Lawrence Ave. within Cook County. All work for this project will be in English units.

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

The estimated construction cost for the project is \$19,700,000. The Consultant's work includes the preparation of contract plans, specifications and estimates. This work also includes bridge repair details, resurfacing plans, pavement marking plans, maintenance of traffic plans and all other work necessary to complete the project. The completion date for this contract will be 10 months after authorization to proceed.

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

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

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

Highways (Freeways)
Structures (Highway: Typical)

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

6. **Job No. P-91-313-06, Data Bank Management for Various Projects, Various Counties, Region One/District One.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

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 10, 2006 at 1:00 P.M.** at the Region One/District One Office in **Schaumburg**.

A Data Bank management Consultant (DBMC) is required for field collection and office processing of roadway, structure, railroad and traffic monitoring data as outlined in the various Illinois Highway Information System (IHIS) manuals, located on the IDOT website under the "Doing Business" link. Proficiency in computer technology, Microsoft Office applications and geographical information system (GIS) applications is required. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English units.

The DBMC will be expected to perform work similar to an IDOT Data Bank supervisor and Staff, and report to the Data Bank Manager. The DBMC and staff (as many as three people may be required) will be expected to perform work in the District offices and in the field as required. This work will include working directly with IDOT staff members and will require regularly inputting and updating IDOT proprietary applications and databases along with field data collection.

When the DBMC are conducting field data collection and verification they may be required to use State issued vehicles and equipment. All DBMC personnel must have valid Illinois driver's license, and additional insurance may be required. It is required that three staffers be made available for initial training in the event of later personnel changes by the DBMC. This is to insure continuity and availability of trained personnel throughout the contract. After the initial training it shall be the responsibility of the Consultant to provide trained personnel. The measure of acceptable product will be the accuracy, completeness and timeliness of the work performed.

The Consultant's work may include, but is not limited to, collection and processing of various highway related data.

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

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

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

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

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

7. **Job No. D-91-337-06, Phase II Various Projects, Various Routes, Various Counties, Region One/District One.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 6, 2006 at 10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

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

The Consultant's work may include contract plan preparation of various projects which may include bridge repair and/or miscellaneous structure work as required, roadway improvements, review of plans by other consultants and local agency consultants for roadway and bridge reconstruction projects and supplemental field surveying for various projects.

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

It is anticipated that this contract will include involvement with the preparation of approximately 5 contract plans, review of fifteen (15) to thirty (30) plan sets with an approximate construction cost ranging from \$1,000,000 to \$15,000,000. The completion date for this contract will be 12 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 12 months.

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

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

8. **Job No. D-91-339-06, Various Geotechnical Investigations, Various Counties, Region One/District One.**

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 an initial meeting on **July 12, 2006** at **10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

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

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

The Consultant's work includes all management, layout, traffic control, drilling, laboratory testing, analysis, drafting, and report preparation necessary for RGRs and SGRs or other 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 perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Firms must be prequalified in the **Special Services (Geotechnical Engineering: Complex)** 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.

9. **Job No. D-91-338-06, Various Quality Assurance Testing, Various Counties, Region One/District One.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

For **DLM** the **Complexity Factor** for this project is **0.003**.

For **CPFF** the **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant is using are scheduled to attend an initial meeting on **July 5, 2006 at 10:00 A.M.** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to perform the quality assurance responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC) construction, and pipe and precast producers. The project includes Complete Quality Assurance Testing in accordance with the Standard Specifications for Road and Bridge Construction, Policy Memorandum 05-01 and all appropriate contract special provisions, plan notes and/or details. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project will be in English units.

The department will furnish the Consultant with daily assignments to various construction jobsites, bituminous or concrete plants, and pipe and precast facilities.

The Consultant's work includes plant and on-site inspections, sampling and material testing. The Consultant will maintain records and submit documentation of all QC and QA activities required by the construction contract and Policy Memorandum 05-01. The completion date for this contact will be 12 months after authorization to proceed.

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

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

Firms must be prequalified in the **Special Services (Quality Assurance)** 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. D-91-201-06, Traffic Signal Coordination and Timing (SCAT) Projects, Various Counties, Region One/District One.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

For **DLM** the **Complexity Factor** for this project is **0.003**.

For **CPFF** 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 5, 2006 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 located in District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

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

The Consultant's work is anticipated to include accomplishment of one or more of the following tasks:

- 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.

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.

Firms must be prequalified in the **Special Studies [Signal Coordination & Timing (SCAT)]** category to be considered for this project. Statements of interest must also include a list of projects (provide date and location) they have done involving traffic signal coordination and timing.

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. P-92-061-90, FAP 638 (IL 82), Structure Under Iowa Interstate Railroad in Geneseo, Henry County, Region2/District Two.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **June 29, 2006 at 10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I engineering services are required for the preparation of a Feasibility Study Report for a structure that carries IL 82 under the Iowa Interstate Railroad (IAIS RR) in Geneseo. This structure is located in downtown Geneseo, careful consideration to the surrounding area will be necessary. Existing truck traffic currently utilizes another route to cross the railroad. The existing alignment is deficient due to a 10 foot vertical clearance under the railroad structure. This structure accommodates two-way traffic, but is narrow. This structure does have a separated opening for pedestrian usage and accommodations for future pedestrian usage should be considered. Additional coordination with the City of Geneseo and IAIS Railroad to determine the best possible solution is also anticipated. All work for this project will be in English units.

The Consultant's work will include basic data collection, field surveys and all other work necessary to complete a Feasibility Study Report.

The estimated construction cost of this project is \$3,000,000. The completion date for this contract will be 15 months after authorization to proceed.

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

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

Firms must be prequalified in the **Special Studies (Feasibility)** 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.

12. **Job No. C-92-092-06, FAI 39 (I-39) over Kishwaukee River, Winnebago County, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

For **DLM** the **Complexity Factor** for this project is **0.008**.

For **CPFF** the **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **June 30, 2006 at 10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase III Engineering services are required for proposed improvements to the existing twin structures carrying I-39 over the Kishwaukee River, 0.8 miles south of Blackhawk Rd. The existing structures at this location are 5-span precast, post-tensioned segmental concrete box girder bridges, which were originally constructed in 1980 using the balanced cantilever method. A study performed during Phase II engineering services determined the stress cracking observed in the bridge is causing continued deterioration. Contract documents were developed to strengthen the structures using external post-tensioning tendons internal to the box girders. Also anticipated is a Fixed Anti-icing Spray Technology (FAST) system will also be installed on the structures and communicate with the existing Road Weather Information Systems (RWIS). All work for this project will be in English units.

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

- 101-0133 – I-39 over Kishwaukee River – Southbound (Rehabilitation)
- 101-0134 – I-39 over Kishwaukee River – Northbound (Rehabilitation)

The proposed scope of the Phase III engineering services includes assisting the department in monitoring the Contractor's execution of the work detailed in the contract documents for the areas of the post-tensioning system and the FAST system. The services include the inspection of the installation and casting of the post-tensioning deviators and anchor blocks. Also anticipated is monitoring of the stressing of all post-tensioning tendons, record elongations and jack pressures, and verifying the installation and stressing meets the contract requirements. The services may further include monitoring all tendon grouting activities and verifying the Contractor follows specified grouting procedures. The Consultant shall be present during the testing and implementation of the FAST system and verify all system requirements have been met.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete the projects. The projects 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 necessary to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

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

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

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

The estimated construction cost for this project is \$6,000,000. This project is scheduled for construction during calendar years of late 2006 and 2007. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer and shall have at least 5 years of segmental bridge design and construction experience).
- The person who will assume the duties of inspecting the post-tensioning system must have at least 5 years of segmental bridge design and construction experience.
- The person who will assume the duties of inspecting the grouting operation of the post-tensioning system must have at least 5 years of segmental bridge design and construction experience and be an ASBI Certified Grouting Technician.
- The person who will assume the duties of inspecting the FAST system shall have at least 3 years of experience in testing and implementation of ITS systems that include communications.
- 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 following categories to be considered for this project:

**Special Services (Construction Inspection)
Highway Structures (Major Bridges: Segmental Box Girder)**

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

13. **Job No. C-92-107-06, Phase III Work for Various Projects, Various Counties, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 6, 2006 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 services required to complete the various projects. The project may include the inspection and documentation of pay quantities, on-site material testing and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

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

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

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

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited.

The estimated construction cost for this project is \$2,500,000. The various projects are scheduled for construction during Calendar years 2006, 2007, and 2008 construction seasons. This work will be completed within 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.

14. **Job No. C-92-108-06, Phase III Work for Various Projects, Various Counties, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 7, 2006 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 services required to complete these projects. The project may include the inspection and documentation of pay quantities, on-site material testing and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

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

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

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

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same consultant or one of their subconsultants on the same project or on material coming in from the same plant, are prohibited.

The estimated construction cost for this project is \$2,500,000. The various projects are scheduled for construction during Calendar years 2006, 2007, and 2008 construction seasons. This work will be completed within 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.

15. **Job No. C-92-109-06, Phase III Work for Various Projects, Various Counties, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 7, 2006** 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 services required to complete the various projects. The project may include the inspection and documentation of pay quantities, on-site material testing and material quality assurance testing, construction staking layout as required, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications.

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

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

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

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited.

The estimated construction cost for this project is \$2,500,000. The various projects are scheduled for construction during Calendar years 2006, 2007, and 2008 construction seasons. This work will be completed within 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.

16. **Job No. P-92-053-06, Land and Route Surveys Various Projects, Various Counties, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 11, 2006** at **10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I engineering services are required to furnish land surveying, 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 may be in either English or metric units.

In addition, the Consultant selected will perform various route survey functions, including horizontal and vertical for aerial mapping projects and topographic surveys.

The Consultant selected will perform surveys throughout District 2. The department will furnish the Consultant with alignment data, Title Reports, Existing Right -of-Way Plats, and Proposed Right-of-Way requirements as each Work Order is negotiated.

The Consultant may be required to contact local land surveyors for their input and may be expected to obtain historic survey reference data. This work must be completed within 18 months after authorization to proceed. The agreement with the Consultant will have 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/supervise the work in the area of route surveying(must be an Illinois licensed Professional Engineer or and 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).

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

Special Services (Route Surveys)
Special Services (Land 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.

17. **Job No. P-92-054-06, Land and Route Surveys Various Projects, Various Counties, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 11, 2006 at 1:30 P.M.** at the Region Two/District Two Office in **Dixon**.

Phase I engineering services are required to furnish land surveying, 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 may be in either English or metric units.

In addition, the Consultant selected will perform various route survey functions, including horizontal and vertical for aerial mapping projects and topographic surveys.

The Consultant selected will perform surveys throughout District 2. The department will furnish the Consultant with alignment data, Title Reports, Existing Right -of-Way Plats, and Proposed Right-of-Way requirements as each Work Order is negotiated.

The Consultant may be required to contact local land surveyors for their input and may be expected to obtain historic survey reference data. This work must be completed within 18 months after authorization to proceed. The agreement with the Consultant will have 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/supervise the work in the area of route surveying(must be an Illinois licensed Professional Engineer or and 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).

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

Special Services (Route Surveys)
Special Services (Land 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.

18. **Job No. P-92-067-06, Phase I/II Various Projects, Various Routes, Various Counties, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 12, 2006** at **10:00 A.M.** at the Region Two/District Two Office in **Dixon**.

Phase I and/or II engineering services are required for work on 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. 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 department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

It is anticipated 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 this project is \$200,000 to \$4,000,000. The completion date for this contract will be 18 months after authorization to proceed. The agreement with the Consultant will have 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 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.

19. **Job No. P-92-068-06, Phase I/II Various Projects, Various Routes, Various Counties, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

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 12, 2006 at 1:30 P.M.** at the Region Two/District Two Office in **Dixon**.

Engineering services are required for Phase I and/or II work on 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 department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

It is anticipated 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 this project is \$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 **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.

20. Job No. D-92-069-06, Phase II Various Bridge Projects, Various Counties, Region Two/District Two

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 6, 2006 at 10:00 A.M.** at the Region Two/District Two Office in Dixon.

Phase II Engineering services are required for the preparation of Contract Bridge Rehabilitation plans for approximately 10-25 structures within District 2. 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 work may consist of preparing a complete set of contract plans, special provisions, Summary of Quantities sheet and Bill of Materials for various bridge rehabilitation projects. Projects may also include assisting in the completion of various contract plans. Projects may include bridge overlay replacement, expansion joint replacement, deck drain modification, construction staging, and miscellaneous repairs to superstructure and substructure elements. The actual scope of work will be determined during field meetings with department personnel at bridge locations.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, boring information and other pertinent data. Copies of Bridge Condition Reports or Structure Condition Reports will be available to assist in the preparation of the contract plans.

The estimated construction cost for this project is \$200,000 to \$4,000,000. The completion date for this contract will be 24 months after authorization to proceed

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the 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 and Streets)
Structures (Highways: Typical)**

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.

21. **Job No. P-92-070-06, Phase I/II Various Projects, Various Routes, Various Counties, Region Two/District Two.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 10, 2006** 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, geotechnical analysis, 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 department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

It is anticipated 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 district's in-house staff may complete the remaining portion of work. All work for this contract will be in English units.

The estimated construction cost for this project is \$200,000 to \$4,000,000. The completion date for this contract will be 18 months after authorization to proceed. The agreement with the Consultant will have 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 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.

22. Job No. P-92-071-06, Phase I/II Various Projects, Various Routes, Various Counties, Region Two/District Two.

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 10, 2006 at 1:30 P.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 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 may consist of conducting route surveys, land surveys, hydraulic analyses, geotechnical analysis, 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 department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

It is anticipated 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 district's in-house staff may complete the remaining portion of work. All work for this contract will be in English units.

The estimated construction cost for this project is \$200,000 to \$4,000,000. The completion date for this contract will be 18 months after authorization to proceed. The agreement with the Consultant will have 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 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.

23. Job No. P-93-020-06, Phase I and/or II Work for Various Projects, Various Counties, Region Two/District Three.

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 **June 29, 2006 at 10:00 A.M.** in the Region Two/District Three Office in **Ottawa**.

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

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

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

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

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

It is anticipated this contract will include approximately 3 to 15 different projects with estimated construction costs ranging up to \$10,000,000. The engineering services required may consist of only a portion of the total engineering work on a certain project.

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

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

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

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

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

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

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

24. Job No. D-93-041-06, FAI 80 (I-80), IL 251 Interchange at Peru, LaSalle County, Region Two/District Three.

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 10% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **June 29, 2006 at 2:00 P.M.** at the Region Two/District Three Office in **Ottawa**.

Phase II engineering services are required for the preparation of contract plans, special provisions and estimates for reconstructing the existing interchange on I-80 at IL 251 at Peru, including bridge replacement and intersection improvements at May Rd., north of the interchange. All work for this project will be in English units.

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

- S.N. 050-0077: IL251 over I-80
- S.N. 050-0078: IL 251 over I-80

The Consultant's work is anticipated to include preliminary and final roadway, interchange ramps and structure plans, traffic signal plans, lighting plans, field surveys, special provisions and estimates and any other work necessary to complete the project.

The department will furnish the Consultant with the Project Report, drainage report, hydraulic report, type, size and location (TS&L) drawings, foundation borings, surveys, any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photography, and other available information.

The estimated construction cost for this project is \$17,725,000. The completion date for this contract will be 18 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the 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 (Freeways)
Structures (Highway Bridges: Typical)
Special Plans (Traffic Signals)

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

25. **Job No. C-94-172-06, Phase III Various Projects, Various Routes, Various Counties, Region Three/District Four**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

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 6, 2006** at **10:30 A.M.** at the Region Three/District Four Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, construction layout, material testing, and field inspection for roadway rehabilitation on various routes in various counties throughout District 4. 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. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

The Consultant will be asked to furnish an approved technician to act as Resident Engineer on these projects. The Consultant will perform on site inspection, engineering layout and verification of contractor staking, maintain documentation, submit pay estimates, change orders, and any other duties required to complete these projects on a timely basis and in accordance with the State Specifications and guidelines.

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

The Consultant may also be asked to provide trained technicians to perform nuclear density testing for embankment and bituminous pay items at various locations on active contracts throughout the District. These technicians will supplement the District's staff. The technician will provide their own gauge, bunker, transport box, cell phone, and vehicle. Consultants will have their own nuclear license and not be covered by the Department's license. The Consultant may also be asked to continue the implementation of an existing Independent Weight Check program within the District

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

- The Resident Engineer (with current IDOT Construction Documentation certificate, Include the Documentation Certificate Number for IDOT Class S-14, Documentation of Contract Quantities)
- Technician(s) performing the Nuclear Density Testing.

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.

26. **Job No. P-94-031-06, I-74/I-155 Interchange Reconstruction on Northwest Side of Morton, Tazewell County, Region Three / District Four.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 25% DBE participation.

For **DLM** the **Complexity Factor** for this project is **0.003**
For **CPFF** 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 **June 29, 2006** at **8:30 A.M.** at the District Four Office in **Peoria**.

Phase I engineering services required for the preparation of a Design Report and an anticipated Environmental Assessment (EA) for the reconstruction of the I-74/I-155 interchange near Morton. The interchange to be studied lies along a 4 mile section of I-74 on which two other interchanges are located. Termini for the study will be from the I-474 interchange to the North Main St. overpass on the east edge of Morton and to the IL 98 interchange on I-155. I-74/474 interchange lies two miles to the west and the Morton Ave. interchange is situated one mile to the east. I-155 interchange with IL 98 lies 1 mile south of I-74. Land use in this area consists of agricultural, residential, and commercial. There are seven structures located in the vicinity of the interchange. It is anticipated that several alternates will be evaluated to improve the interchange geometrics. All work for this project will be in English units.

The Consultant's work is anticipated to include performing drainage studies, conducting route & land surveys, preparing a structure type recommendation, updating Bridge Condition Reports, preparing an interchange type study, and preparing Type, Size & Location (TS&L) drawings. Also, this work may include data collection, pick up survey, cost estimates, traffic management analysis, accident analysis, and other related work and exhibits to produce the Design Report, as necessary. This work is anticipated to include simple environmental assessments such as, air quality analysis, noise analysis, socio-economic analysis, and other related environmental work necessary to complete Phase I Report. The department's Context Sensitive Solution (CSS) policy will be followed for this project.

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 existing Bridge Condition & Hydraulic Reports, any available plans, field notes, agency coordination, existing right of way plans, aerial photographs, aerial mapping, soils reports, boring logs, structure ratings and other available information.

The estimated construction cost for this job is \$38,000,000. The completion date for this contract will be 30 months after the authorization to proceed.

Key personnel listed on **Exhibit A** and **Exhibit 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 contract documents (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 Geometric Studies and report preparation.
- 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, Sociology, Economics, and Ecology. Environmental staffing on Exhibit B must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.

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

**Location/Design Studies (New Construction/Major Rehab)
Structure (Highway: Advance Typical)
Environmental Reports (Environmental Assessment)**

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

27. **Job No. D-96-522-06; Phase I and/or II for Various Projects, Various Counties, in Region Four/District Six**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **July 6, 2006, at 9:30 A.M.** at the Region Four/District Six Office in **Springfield**.

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

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

The Phase II work 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 engineering services 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.

It is anticipated that this contract will include approximately 3-15 different projects. The estimated construction costs of each project will range from \$100,000 to \$2,000,000. The completion date for this contract will be 18 months after authorization to proceed. The agreement with the Consultant will have 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 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 route surveys and/or land surveys (must be 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)

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

28. Job No. D-96-523-06; Phase I and/or II for Various Projects, Various Counties, in Region Four/District Six

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 15% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a Scope of Services meeting on **July 10, 2006, at 2:00 P.M.** at Region Four/ District Six Office in **Springfield**.

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

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

The Phase II work 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 engineering services 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.

It is anticipated that this contract will include approximately 3 to 15 different projects. The estimated construction costs of each project will range from \$100,000 to \$3,400,000. The completion date for this contract will be 24 months after authorization to proceed.

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

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

- The person who will be in charge of route surveys and/or land surveys (must be 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)

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. D-96-524-06, FAP 310 (US 67), from SE of the proposed IL 125 Interchange to NW of the proposed IL 100/IL 103 Interchange, Cass & Schuyler Counties, Region Four/District Six.**

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

For **DLM** the **Complexity Factor** for this project is **0.003**.

For **CPFF** 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 10, 2006** at **10:30 A.M.** at the Region Four/District Six Office in **Springfield**.

Phase II engineering services are required to complete a Context Sensitive Solution (CSS) Study and Report to determine the type and style of the proposed structure to carry the proposed four lanes of US 67 over the Illinois River and Curry Lake near Beardstown. This will also involve determining the proposed roadway, landscaping, and aesthetic features for the entire study area along the U 67 alignment from east of the proposed IL 125 Interchange to west of IL 100 / IL 103 Interchange for a total length of approximately 3.7 miles.

The following structure S.N. 009-0001 (US 67 over Illinois River and Curry Lake) is included in this project.

The department will furnish the Consultant with available field survey notes, as-built construction plans, existing right-of-way plans, soil boring logs, geotechnical report, and approved project reports.

The estimated construction cost for this project is \$150,000,000. The Consultant's work includes completing CSS Study and Report. The completion date for this contract will be 24 months after authorization to proceed.

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

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

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

Highways (Freeways)
Structures (Major River Bridges: Steel Girder)
Landscape Architecture

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

30. Job No. C-98-167-01, FAP 310, Phase III Engineering for IL 255 from Fosterburg Road to Seminary Road, Madison County, Region Five/District Eight.

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

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 **June 30, 2006 at 10:00 A.M.** at the District Eight Office in **Collinsville**.

Phase III engineering services are required for construction inspection, supervision, engineering layout, material testing and record maintenance for IL 255 from Fosterburg Rd. to Seminary Rd. in Madison County. All work for this project will be in metric units.

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

Quality Assurance (QA) oversight and contractor's Quality Control (QC) by the same Consultant or one of their sub consultants on the same project or on material coming in from the same plant are prohibited.

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

The estimated construction cost for this project is \$18,000,000. The Consultant's work includes completing and submitting final measurements, calculations, and contract record documentation to the department no later than six (6) weeks after completion of the project. 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 Materials Coordinator, including concrete/bituminous proportioning technician. Include aggregate source certification, bituminous and/or PCC QC/QA training and past materials inspection services.
- 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 following 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.

31. **Job No. P-99-003-06, Phase I and/or Phase II Work for Various Projects, Various Routes, Various Counties , Region Five/District Nine**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 15% DBE participation.

For **DLM** the **Complexity Factor** for this project is **0.008**.

For **CPFF** the **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **June 29, 2006 at 10:00 A.M.** at the Region Five/District Nine office in **Carbondale**.

Phase I and/or 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 throughout the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English Units.

Phase I 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 may include preparation of pre-final and final contract plans. 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 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 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 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 and 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: Advanced Typical)
Highways (Roads and Streets)

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

32. Job No. P-99-004-06, Phase I and/or Phase II Work for Various Projects, Various Routes, Various Counties , Region Five/District Nine

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 15% DBE participation.

For **DLM** the **Complexity Factor** for this project is **0.008**.

For **CPFF** the **Complexity Factor** for this project is **0.07**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **June 29, 2006 at 10:00 A.M.** at the Region Five/District Nine office in **Carbondale**.

Phase I and/or 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 throughout the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English Units.

Phase I 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 may include preparation of pre-final and final contract plans. 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 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 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 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 and 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: Advanced Typical)
Highways (Roads and Streets)

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

33. Job No. D-99-028-02, FAI-57 (I-57), Interchange at I-57 & IL 13, Williamson County, Region Five/District Nine

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 12% DBE participation.

For **DLM** the **Complexity Factor** for this project is **0.003**.

For **CPFF** 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 **June 30, 2006 at 10:00 A.M.** at the Region Five/District Nine office in **Carbondale**.

Phase II engineering services are required for the preparation of preliminary and final roadway and structure plans, specifications and estimates for the reconstruction of the I-57/IL13 structure and interchange, and reconstruction of IL 13 from west of Halfway Rd. to Carbon St. in Marion. It is anticipated this project will include the removal and replacement of the existing I-57 over IL 13 structures, a profile grade raise on I-57, the realignment of the outer ramps and inner loop ramps and the addition of a third lane on IL 13. All work for this project will be in English Units.

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

- S.N. 100-0008 North Bound Lane of I-57 over IL 13
- S.N. 100-0009 South Bound Lane of I-57 over IL 13

The department will provide the Consultant with alignment data, vertical data, existing mapping and contours, pavement hard-shots, final Interchange Design Study, existing structure plans, Bridge Condition Reports, Type, Size, and Location Drawings and the final Project Report.

The estimated construction cost for this project is \$26,000,000. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will 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 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 pre-qualified in the following categories to be considered for this project:

Structures (Highway: Advanced 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.

34. Job No. P-30-011-06, Phase I & II for Various Projects, Various Counties, Statewide, Department of Natural Resources and Department of Historic Preservation.

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

This project requires 12% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 9, 2004 at 10:00 A.M.** at Harry R. Hanley Building in **Springfield**.

Phase I and/or II engineering services are required for the preparation of work on various projects throughout the State. Work orders under the blanket agreement will be negotiated and authorized by IDNR or IHPA 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 analysis, geometric studies, and preparing Project Reports (Categorical Exclusion projects only). This work includes data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, and other related work and exhibits necessary to produce the Project Report as necessary.

The Phase II work may consist of conducting route and land surveys, hydraulic analysis, geotechnical investigations (including foundations boring), roadway plans, bridge repair plans, right-of-way plats and plan preparation, and any other related work to complete final plans, special provisions and estimates as necessary.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, roadway work with storm sewer, widening and resurfacing and/or new roadway projects, which may include preparation of plats & plans for right-of-way acquisition. IDNR or IHPA will furnish the Consultant with available as-built plans, microfilm, field notes, existing right-of-way plans, aerial photos, boring logs and other information necessary for the Consultant to accomplish his work. Also when available, the horizontal and vertical control points, existing construction and right-of-way plans and existing aerial photography will be provided.

The estimated construction cost for these projects range from \$80,000 to \$4,000,000. The Consultant's work will consist of either complete projects or a portion of the total engineering work on a certain project. This work must be completed within 12 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department, for an additional 12 months.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- 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 be in charge of land surveys (must be an Illinois Professional Licensed Surveyor).
- The person who will perform the QC/QA review work of 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:

Highways (Roads & Streets)
Location/Design Studies (Rehabilitation)

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

35. Job No. C-30-016-06 Various Routes, Various Counties, Structural Steel Shop Fabrication Inspection, Statewide.

This project may utilize the **Direct Labor Multiple (DLM)** or the **Cost Plus Fixed Fee (CPFF)** method of contracting. The method of contracting will be determined at the initial meeting.

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 11, 2006 at 10:00 A.M.** at the Central Bureau of Bridges and Structures office in **Springfield**.

Attachment A, showing our Inspection Requirements, is enclosed for your consideration. If you are interested in providing these services for the department, please provide the following information: 1) your firm's previous experience with this type of work and Illinois Department of Transportation (IDOT) specifications; 2) names of key personnel along with one page resumes indicating technical and managerial qualifications; 3) availability of inspection personnel and your firm's anticipated workload during the next two years; 4) branch office locations; 5) your firm's calculated burden and overhead rate:

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

<u>Inspector Qualifications</u>	<u>Straight Time (Hours)</u>	<u>Overtime (Hours)</u>
CWI and UT Level II (Shop)	100	20
CWI (Shop)	1000	100
Non CWI (Shop)	350	50
UT Level II (Field)	20	0
Inspection Manger (Site Meeting)	10	0

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

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

The contract will be monitored and administered by the IDOT Bureau of Bridges and Structures. The completion date for this contract will be 12 months after authorization to proceed. The agreement with the Consultant will include an option for renewal by the department for an additional 12 months.

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

Statement of Interest, including resumes of key people, must be received by the Bureau of Design and Environment prior to **4:30 p.m.** central time, **May 4, 2006**, to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov or send two (2) copies to:

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

ATTACHMENT A

INSPECTION REQUIREMENTS

SECTION I - INSPECTORS

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

1. The inspectors shall personally make all inspections and reports as required for quality assurance (QA) of fabrication on assigned projects. They shall perform special tests, examinations and re-inspections when required by the DEPARTMENT.
2. Each inspector shall be familiar with the approved shop drawings and DEPARTMENT standard specifications pertaining to the fabrication inspected, as well as applicable codes and specifications of the American Welding Society and ASNT.
3. No variations from the approved shop drawings or the Contract specifications and supplements shall be permitted by the inspector, except upon specific instructions by the DEPARTMENT.
5. Each inspector assigned to a project shall be a Certified Welding Inspector (CWI), unless otherwise approved or specified by the Department, and well versed in applicable fabrication, non-destructive testing (including MT and RT interpretation), cleaning and/or shop painting techniques. Non-certified inspectors shall have at least one year of prior, supervised experience with the agency.
6. Inspectors shall be assigned and monitored by an Inspection Manager who is qualified to perform all tasks assigned to supervised inspectors. If the Engineer requests the Inspection Manger personally attend a prefabrication conference or on-site meeting, or perform sophisticated inspection services, the Inspection Manager will be billed at the overtime rate for a CWI & UT II (Shop) plus per diem and/or mileage, based on location and duration.
7. For ongoing projects, shop inspectors will be reimbursed for per diem or daily mileage and travel time from/to their home address, whichever is less. This allows per diem and mileage to be charged only for travel days at the beginning and end of a particular project, for intermittent inspection, or for prolonged periods of inactivity at a shop. Per diem will be paid through weekends and shop holidays if it is less than estimated charges for the inspector to travel home and return to the shop.
8. Field (construction site) QA Inspectors will be reimbursed for per diem, and daily mileage/travel time for up to 40 miles or travel time to/from their home to the field site work, whichever is less.

SECTION II - CONDUCT OF INSPECTORS

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

SECTION III - SHOP INSPECTION

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

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

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

1. General surface inspection as material is processed and exposed to view, noting imperfections. View cut edge of plates for indications of internal defects.
2. Observe thermal cutting and computer numerically controlled (CNC) equipment to determine if it appears to be performing properly.
3. Check the mill identification, sizes of sections and thickness of plates, verifying that approved materials are used, with special attention to the use and location of Fracture Critical Material.
4. Determine that dies and punches are in acceptable condition, of correct size, and used within the limits set by the contract, the manufacturer or industry practice as appropriate.
5. Check that reamed holes are cylindrical, that burrs are removed and no chips or drillings remain between shop contract surfaces.

6. Periodically monitor the installation and tightening of high strength bolts to insure that the selected tightening procedure is properly used. Each day that bolts are to be installed in slip critical connections, inspection wrenches shall be calibrated in a device indicating bolt tension prior to testing.
7. Steel templates for reaming or drilling shall have hardened bushings positioned based on the inscribed centerlines used to locate each template, and they shall be properly secured.
8. Bolted splice plates shall be properly fitted and secured prior to reaming or drilling. Parts assembled for drilling or reaming holes to full size shall be aligned and secured after verifying proper hole spacing and edge distances.
9. Techniques used in assembling beams, girders, trusses, rigid frames or arches shall not damage members, and the desired geometry (camber, horizontal curvature, etc.) shall be verified before reaming, unless otherwise approved by the Engineer.
10. Field bolted splices and other reamed assembled (RA) or drilled assembled (DA) elements shall be plainly match-marked, and the match-marking diagrams shall be checked. Erection (piece and match) marks shall be made with low or mini-stress dies in areas of members and splice plates specified on the shop drawings.
11. Check pins, bushings and pin holes for size, location and surface finish. Obtain certification of pin and bushing material and any required heat treatment process.
12. All finished members shall be free of general or localized twists, bends, kinks or other distortions exceeding contract tolerances.
13. All loose pieces are to be bolted or otherwise secured for shipment, and small parts properly cushioned and boxed or otherwise secured against loss and damage in transit.
14. Check for "lefts" or "rights" and number of parts.
15. Surfaces to be shop primed shall be properly cleaned and surface profile verified prior to painting. Priming must be done within 24 hours of cleaning and prior to any surface rusting.
16. ILDOT approved batches of paint are to be applied in accord with the contract and manufacturer's product data sheet. Obtain certification of paint batch approval by the Department. Monitor mixing of components, humidity, metal and air temperature and application patterns.
17. All thermal cutting shall be mechanically guided. No hand torch cutting of final edges shall be allowed without the approval of the DEPARTMENT. No unauthorized corrections are to be made by torch cutting, and re-entrant cuts must be radiused in accord with contract requirements.
18. Verify QC measurements for center to center of bearings, camber and sweep. Make random checks of stiffener and lateral bracing locations as well as their hole layouts. If errors are found, require more complete dimension checks by QC to define extent of the problem.
19. Check workmanship of welded members in accordance with requirements of applicable welding specifications.

20. Check that splice plates and fills are properly positioned before drilling or reaming. No metal fragments or foreign material other than paint shall remain between shop bolted components.
21. Mill test reports should be obtained from the contractor's QC or the DEPARTMENT and correlated with the material used in the structure. A material assignment sheet may be obtained from QC or developed by the QA Inspector. Mill reports or independent lab tests must verify satisfactory toughness testing for "CVN", "NTR" or Fracture Critical material. The material grade (e.g.: Gr. 36, 50, 50W for US Customary or Gr. 250, 345 or 345W for metric) must comply with the shop drawings. All steel material shall be certified on the mill report to be domestically produced ("Melted and Manufactured in the USA" or similar).
22. Report significant fabrication deficiencies (e.g.: requiring substantial removal and replacement of welds or paint, miss located holes, misaligned members) on the daily log, including their cause and correction. Proposals to correct errors potentially affecting the adequacy of the member shall be submitted by the QC to the DEPARTMENT prior to beginning repairs. Connection and removal of temporary items must employ DEPARTMENT approved methods.
23. Any erection devices or aids shown on the approved shop drawings shall warrant the same inspection as required for the project, but mill test reports and evidence of domestic origin are not required for temporary items not purchased by the DEPARTMENT.

SECTION IV - WELDING

Prior to Welding:

1. The QA Inspector shall verify the current qualifications of each welder for the project and, if not in full accord with the specifications, require qualification. Welder qualification shall be performed in accord with the applicable AWS code (D1.1, D1.2 or D1.5), and the QA Inspector shall witness preparation of the test plates, the welding and the testing of the coupons in the fabricator's shop. (In the absence of test facilities in the shop, the fabricator shall forward the properly identified coupons to a testing laboratory acceptable to the Department). Also, discuss with quality control the method of identifying each welder's work, noting that no permanent indications (die stamps, welded figures) shall be allowed on finished work.
2. Ensure weld procedures are ILDOT approved and that the procedure is understood by the welders, welding foremen and quality control.
3. Prior to fitting welded joints, examine the condition of the material, especially for defects or contamination in the joint area.
4. Check joints that are to be welded, including root face, angle of bevel, the alignment of the parts to be joined, and the uniformity and size of root openings.
5. When applicable, ensure run-off tabs are of adequate length, shape and size to allow full weld throat the entire length of the joint.

6. Check surfaces to be welded for cleanliness, with mill scale and rust removed to the extent required by specifications. Make sure stipulated surfaces are free of moisture lubricants or other foreign material that would be detrimental to welding.
7. Visually inspect tack welds for integrity and flaws. They are to be as small as practical. No temporary welds are allowed on any flange or web solely for positioning or restraint. Tack welds on flanges and webs must be incorporated in the final weld.
8. Review weld joints shown on the shop drawings for potential restraint conditions which may require weld sequencing or heating parameters not on the approved weld procedure, and notify QC and the DEPARTMENT of such situations.
9. Review shop report forms utilized for nondestructive testing and discuss any concerns with Quality Control.
10. Discuss with Quality Control the condition and calibration of welding equipment. Verify amperage and voltage gauges are periodically checked for accuracy and adjusted or replaced if necessary, and that calibration equipment is periodically certified and properly utilized.

During Welding:

1. Ensure the correct types and sizes of weld consumables are utilized, are in satisfactory condition and are stored properly to prevent damage. Bridge welding requires low-hydrogen processes, so consumables must be reconditioned or replaced after exposure, as provided by the specifications.
2. Periodically observe the technique and performance of welders to ensure procedures and techniques conform to the contract requirements. For fracture critical joints, plan for sequential inspection of multiple-pass welds. Arrange with the QC for the foreman to notify the QA Inspector when such work will be performed.
3. Ensure welding is done in accordance with the approved procedures, periodically verifying that the current, amperage, voltage, travel speed, preheat and interpass temperatures are within tolerances. Amperage and voltage gauges shall be checked regularly (once or twice per week for equipment used daily), and adjusted or replaced as required.
4. Ensure welds start in the groove or other area where weld is to be deposited, and not on the base metal outside of such areas. Tack welds shall be located and sized (after grinding) to be completely incorporated in the production weld unless they are made with preheat using an approved weld procedure. Cracked tack welds shall be removed before welding over their location.
5. Inspect root passes with special care, especially for flange and web butt joints. On subsequent passes, observe if split layer technique is properly used where required.
6. Verify that the root and intermediate passes are cleaned and deficiencies corrected before succeeding weld passes. Wire brushing, grinding or chipping may be used to remove slag between weld passes, but no unspecified peening or distorting ("caulking") of weld metal by hammering shall be permitted without the specific approval of the DEPARTMENT. (Slag removal with pneumatic tools or chipping hammers used as intended do not constitute peening).

7. After butt welds have cooled, the parts joined should be in alignment. If not, corrections shall be made prior to assembly of member. Minor misalignment may be corrected by the controlled application of heat. If misalignment is significant, corrective work shall be done using methods approved by the Engineer.
8. Ensure that welds of proper size, length and location conform to the drawings. If welds are to be ground smooth and flush, final finishing should be parallel to the direction of the main stress in a member. All welds shall terminate in a satisfactory manner.

After Welding:

1. Welds shall be cleaned of slag and examined by QC. When blast cleaning is required, a general examination of welds and material shall also be done after blasting and before painting.
2. Any weld geometry exceeding welding code limits shall be corrected to meet tolerances. Ends of repair welds shall transition smoothly into existing welds.
3. Excess metal at butt welds shall be removed by grinding. Plate thickness or width transitions shall be sloped as shown on the shop drawings with smooth transitions at the toe of the slope. Over-grinding at this toe must be corrected using Engineer-approved methods before NDT.
4. All runoff tabs shall be removed without damaging permanent material. Thermal-cutting may be used, provided the final preparation of edge is done by grinding.

SECTION V - RADIOGRAPHY AND RADIOGRAPHIC INSPECTION

1. All radiographic inspection required by the Contract shall be performed by the Contractor for the DEPARTMENT.
2. The QA Inspector shall verify that radiographs are numbered in accordance with the requirements of the Radiograph Sheet and that all radiograph film numbers are recorded on the sheet corresponding to joint locations in the structure.
3. The QA Inspector shall review all radiograph reports and duly sign them when in agreement with the report. If the QA Inspector and the Contractor cannot agree with respect to the report, the Engineer will review any film in question, and provide a determination of acceptability. Once the report is signed, the QA Inspector shall keep the complete original set of reports and film until fabrication is complete and then submit all reports and radiographs to the DEPARTMENT for filing. On large structures, submittals may be on interim basis as required by the DEPARTMENT.

SECTION VI - MAGNETIC PARTICLE INSPECTION

1. The QA Inspector shall ensure magnetic particle inspection (MT) is done in accordance with ASTM E 709 and the Contract.
2. The Contractor performs the MT required by the contract for the DEPARTMENT and submits a report to the QA Inspector of all findings. The QA Inspector shall periodically witness the testing and, if satisfied as to the technique and results, shall sign the reports,

retaining the originals, and giving one copy to the fabricator. The Inspector shall keep a complete set of the original reports and forward them to the DEPARTMENT at the end of the project.

SECTION VII - ULTRASONIC INSPECTION

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

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

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

SECTION VIII - SHOP CLEANING AND PAINTING

1. QA Inspectors shall carefully review the ILDOT Standard Specifications and Contract Special Provisions covering the shop cleaning and painting of structural steel and verify that requirements are met. In case of disagreements on interpretation or acceptance, the Engineer will provide guidance.
2. Structural steel will not be shop cleaned or painted until its fabrication has been accepted by the inspector. Blast cleaned surfaces shall have proper profile and cleanliness. Primer must be applied within 24 hours and before any rust is visible.
3. The shop coat(s) shall be inspected for proper mixing, application, dry film thickness of individual or multiple coats and uniform coverage. Unless otherwise provided for small batches, the inspector shall have an approved test report issued by the Department for the batch of paint used. If not, the fabricator Contractor must submit samples taken from the batch (with the QA Inspector witnessing) and submitted to the Bureau of Materials and Physical Research for testing prior to painting. Paint must be applied when the temperature and humidity are within acceptable limits and during the manufacturer's prescribed pot life. Paint may only be thinned in accord with the manufacturer's guidelines.
4. Special attention shall also be given to shop installed bolts. Cleaning, profile, subsequent primer coverage and adhesion shall be carefully monitored. For mechanically galvanized bolts, some galvanizing may remain after blast cleaning, as long as primer adhesion is not impaired. For black ASTM A490 bolts in painted areas, if blasting does not produce adequate profile due to the hard surface, exposed bolt surfaces must be cleaned and spot primed with a suitably adherent coating before priming the adjacent steel.

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

36. **Job No, D-30-005-06, Engineering Services for the Underwater Diving Investigation of Bridges, Bureau of Bridges and Structures.**

This project may utilize the **Direct Labor Multiple** (DLM) or the **Cost Plus Fixed Fee** (CPFF) method of contracting. The method of contracting will be determined at the initial meeting.

For **DLM** the **Complexity Factor** for this project is **0.003**.

For **CPFF** the **Complexity Factor** for this project is **0.035**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a scope of services meeting on **July 11, 2006 at 10:00 A.M.** at the Central Bureau of Bridges and Structures in **Springfield**.

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

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

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

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

Plans for the structures are available from the department.

This work must be completed within 12 months after authorization to proceed. The agreement with the Consultant will have an option for renewal by the department for an additional 12 months.

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

- An Illinois Licensed Structural Engineer on staff who will supervise the inspection by certified divers.
- The persons performing the diving will be certified divers and also be an Illinois Licensed Structural Engineers, Illinois Licensed Professional Engineers, or otherwise qualified bridge inspectors in accordance with the National Bridge Inspection Standards.

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

Statements of Interest must also include the following:

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

Statement of Interest, including resumes of key people, must be received by the Bureau of Design and Environment prior to **4:30 p.m.** central time, **May 4, 2006**, to be given consideration. Submittals may be e-mailed to SOIPTB@dot.il.gov. or send two (2) copies to:

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

NOTICE ALLOWABLE DIRECT COSTS

The allowable direct costs will be effective February 1, 2005.

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	Conus Rate (Maximum)
Lodging	Conus Rate (Maximum)
Air Fare	Coach rate with 2 weeks notice as approved
Vehicles	
Mileage	federal travel rate* maximum
Daily Rate (owned or leased the same)	\$36 /day- District 1 \$32/day- downstate
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 Costs (Maximum of \$15.00/Hr)
Monuments – Permanent	Actual Cost
Payment for Newspaper Ads	Actual Cost
Web Site	Actual Cost
Facility Rental for Public Meetings & Exhibits/Renderings & AV equipment/transcriptions	Actual Cost
Recording fees	Actual Cost
Courthouse fees	Actual Cost
Testing of Soil Samples	Actual Cost
Lab Services (excluding Phase III normal construction inspection such as beam breaks, cylinder breaks, pavement cores)	Actual Cost
Equipment rental specific for a project (snooper for bridge inspection, noise meter, etc.)	Actual Cost
Specialized equipment – on an as needed basis with prior approval	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

- * website for Conus and federal rates
http://www.gsa.gov/Portal/gsa/ep/contentView.do?queryYear=2005&contentType=GSA_BASIC&contentId=17943&queryState=Illinois&noc=T
- ** 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 is 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) \$70/month/phone (Maximum)

radio communication
2-way radio

Actual Cost
Actual Cost

Vehicles (Only for Vehicles assigned to project)
DAILY RATE ONLY

\$36 /day- District 1
\$32/day- downstate

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.

Actual cost based on
firm policy

Shift Differential

* **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 firms policy and limited to the Department's policy (see Departmental Order 4-1).

CHANGE IN DIRECT LABOR MULTIPLIER

Effective for the DIRECT LABOR MULTIPLIER METHOD OF COMPENSATION:

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

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

R = complexity factor given in the advertisement.

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

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

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

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

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

**Notice
Concerning
Exhibits A and B
Current Obligations
Disclosure Forms A and B**

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

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

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

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

The Word documents are labeled as follows:

Exhibits = **EXHAB**

Current Obligation Form = **CURRENT OBLIGATIONS**

Disclosure Forms = **DISC2**

NOTICE

Construction Guides and Manuals – Memorandums

The Department's Construction Guides, Manuals and Memorandum are available on our web-site at the following address: <http://www.dot.il.gov/dobuisns.html>.

The Manual Sales Order Form is also available at the following address: <http://www.dot.il.gov/desenv/orderform.html>

NOTICE

CONSULTANT PREQUALIFICATION

SUBMITTAL TIMES

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

Consultant firms are required to submit the Corporate and Financial portion of the Statement of Experience and Financial Condition annually.

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

Firms may also continue to request additional categories of prequalification at any time.

The following schedule is attached for your use:

Firm Name beginning with:	2006 Submittal	2007 Submittal	2008 Submittal
A through E	Corp. & Financial	Entire SEFC	Corp. & Financial
F through N	Corp. & Financial	Corp. & Financial	Entire SEFC
O through Z	Entire SEFC	Corp. & Financial	Corp. & Financial

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

“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 and Disclosure Forms A and B) 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
KOWALSKICL@dot.il.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.

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 and disclosure 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 should contact the department for a new Statements of Interest Code. E-mail Carrie Kowalski at kowalski@dot.il.gov.

NOTICE

Beginning with PTB 135 and all subsequent bulletins, the maximum hourly rate for **project managers and principals** will be \$70/hour. This rate may be used on all supplemental agreements received in the central bureau of Design and Environment on or after May 1, 2005 upon concurrence by the IDOT project manager.

NOTICE

Mobilization on Phase 3 Consultant Contracts

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

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

Implementation:

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

New Section 2.81 (h):

2.81 PARTIAL PAYMENTS/INVOICES

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

Notice of Availability of the English Survey Manager Database

An updated English Survey Manager Database (idote.smd) is available on the IDOT web site. The location of this file is on the CADD Support Home Page under Geopak Files>Database Files.

Highlight of changes:

A new category, Default Survey Codes, has been added to the hierarchical database structure. This category contains a 900 series of "default" point codes.

The additions are as follows:

900-909	Default 2d point Level 1, Color 1 (blue), TH=7.5 TW=7.5 DTM Control – Not included
910-919	Default 3d point Level 1, Color 1 (blue), TH=7.5 TW=7.5 DTM Control – Not included
920-929	Default 2d string Level 1, Color 1 (blue), TH=7.5 TW=7.5 Linear Feature – Level 1, Color 1 (blue) DTM Control – Not included
930-939	Default 3d string Level 1, Color 1 (blue), TH=7.5 TW=7.5 Linear Feature – Level 1, Color 1 (blue) DTM Control – Include as Spot and Break

These additions have default symbologies with field comments enabled which will allow surveyors the ability to add miscellaneous point codes to the database. These point codes can then be manipulated while in the point edit or chain edit modes of Geopak.

An updated informational database in HTML format will also be available on the CADD Support Home Page under "Survey Point Code Descriptions". This is available in English and Metric formats. Also included in this group is a Readme file, which details the use for this information.

NOTICE
For
Prequalification of Consultants & DBE Revisions

Prequalification:

As stated in each Professional Transportation Bulletin under the guidelines:

Consultant firms acting as prime must be prequalified in all of the advertised areas listed in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. If the prime is not prequalified in the required category(s) stated in the project advertisement, that firm's Statements of Interest cannot be considered for the item.

Within the Statements of Interest (Exhibit A page 3 of 3) the prime must identify any subconsultants and the item(s) of work they will perform. Subconsultants must be prequalified in the category of work they will be performing.

Also as stated in the Standard Agreement Provisions: 2.24 SUBLETTING, ASSIGNMENT OR TRANSFER:

Subconsultants must be prequalified in accordance with the department requirements. For specialized services that are required but which do not fall into the areas of prequalification of the department, a non-prequalified firm may be used with department approval.

DBE Participation:

The U.S. DOT regulation, 49CFR Sec. 26.55(a), states, "When a DBE participates in a contract, you count only the value of the work actually performed by the DBE toward the DBE goals." The IDOT and U.S. DOT regulations further state:

When a DBE subcontracts part of the work its contract to another firm, the value of the subcontracted work may be counted toward DBE goals only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals.

Effective immediately all subconsultant proposals where a DBE is utilized for the main contract and it is necessary for them to obtain non professional services which would be listed as a direct cost, the amount of those services will not apply to the DBE goal. For example if a DBE geotechnical firm is being used and they use a non-DBE drilling company to do the borings, the cost for this work will not apply to the DBE goal.

However any direct costs incidental to doing the work, per diem, hotel costs etc. will still counted toward the goal.

NOTICE

QUALITY ASSURANCE PREQUALIFICATION CATEGORY

This notice is important for consultants who are, or wish to be, prequalified in the Quality Assurance (QA) prequalification category. The requirement for accreditation of QA Testing laboratories has been phased in over the last two years.

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
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

RisingerBD@dot.il.gov

TECHNICAL TRAINING ANNOUNCEMENT IDOT AND PROFESSIONAL ENGINEERING ORGANIZATION'S PARTNERSHIP

The Illinois Department of Transportation will be continuing the technical training partnership with the professional engineering organizations during this training year from October 1, 2005 to June 30, 2006. The Department's Program Development Technical Training classes will once again be the main training program used in the partnership. The PD training program covers all areas of Phase I & II and has been training IDOT employees since 1995. The PD Training Program consists of 18 technical classes taught by IDOT personnel and 4 highly specialized classes presented by the University of Illinois and Northwestern University

The professional engineering organizations will be able to select classes based on their membership request to partner with the Department from the PD Training Schedule for Fiscal Year 06. The classes selected by the professional organization will be approved by the Department and the PD Steering Committee. To receive a copy of the PD FY 06 Training Schedule and class descriptions please contact the IDOT employees below. You can also contact your professional organization to see what classes they will be partnering with IDOT.

The Department hopes that the training partnership will help train the professional engineers and technicians in gaining a better understanding of the policies and procedure in all areas of Phase I & II and to help in creating a network of communication and the sharing of engineering knowledge.

The Department will continue to issue Professional Development Hours for all classes in which the participants attend. The technical training and the issuance of PDH's puts the Department in the fore front of ensuring that technical training is of high priority to the Department.

For more information about the partnering with the Department, please contact David D. Palia in District One at 847-705-4264 or by e-mail at paliadd@dot.il.gov or Brad Risinger in Employee Services at 217-782-3708 or by e-mail at risingerbd@dot.il.gov in the Central Office.

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>