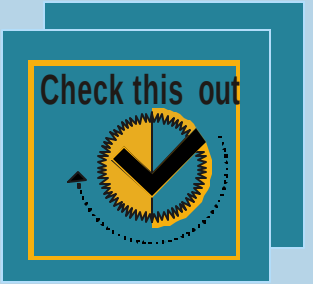
Professional Transportation Bulletin

PTB 137

July 21, 2005
Revised August 18, 2005

Statements of Interest are due by 4:30 p.m.
on August 4, 2005
Selection Date: September 28, 2005



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

IMPORTANT NOTICE
PROFESSIONAL TRANSPORTATION
BULLETIN REVISIONS

Selection Date: September 28, 2005

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

REVISION DATE: **August 18, 2005.**

Item 25: Added Item 25, Various Intelligent Transportation Systems Status Reports and Assessments. Statements of Interest must be received by the Bureau of Design and Environment prior to 4:30 p.m. local time, September 1, 2005. Statements received after this time will NOT be considered.

REVISION DATE: **August 1, 2005.**

Item 9: Revised to also include Phase II engineering.

Item 10: This Item has been withdrawn.

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: kowalskicl@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 138	PTB 139	PTB 140	PTB 141	PTB 142	PTB 143	PTB 144
PUBLISH PTB	**13-Oct-05**	**19-Jan-06**	**20-Apr-06**	**20-Jul-06**	**12-Oct-06**	**11-Jan-07**	**05-Apr-07**
STATEMENTS OF INTEREST ARE DUE	27-Oct-05	02-Feb-06	04-May-06	03-Aug-06	26-Oct-06	25-Jan-07	19-Apr-07
SELECTION MEETING	**04-Jan-06**	**05-Apr-06**	**28-Jun-06**	**04-Oct-06**	**03-Jan-07**	**28-Mar-07**	**20-Jun-07**

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)

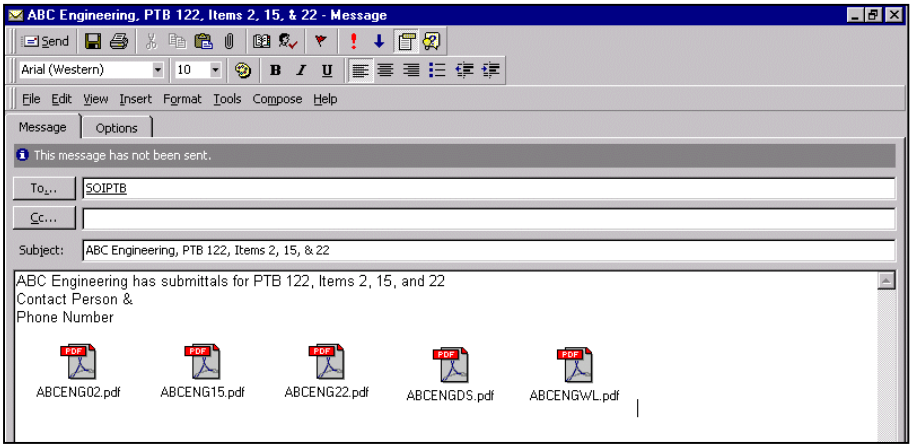
  2) For your firm's Current Obligation Form, use your 2-6 character Firm Name Code, followed by WL.

     (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.

2005 Exceptional Service Award Winners

This year marks our 12th annual consultant awards program to recognize consultants providing exceptional service to the Illinois Department of Transportation in their performance of Phase I, II and III projects.

The following awards were presented at the American Council of Engineering Companies (ACEC) Government Affairs Workshop Luncheon on Friday, June 17, 2005.

- ☆ The Urban Highway Project – Phase I award was presented to **Transystems Corporation** for the complete reconstruction of Interstate 80/94 from I-294 to the Indiana State line. The project also included two interchange designs, one at IL 394 and one at IL 83, (Torrence Avenue.)

- ☆ The Urban Highway Project – Phase II award was presented to **Teng & Associates, Inc.** for the improvement of IL 47 from Southmor Drive to Main Street, including the design of the bridge carrying IL 47 over the Illinois River and the demolition of the existing structures.

- ☆ The Rural Highway Project – Phase II award was presented to **Crawford, Murphy, & Tilly, Inc.** for the expansion of IL 29 to a 4-lane expressway from Rochester to Barry in Sangamon County.

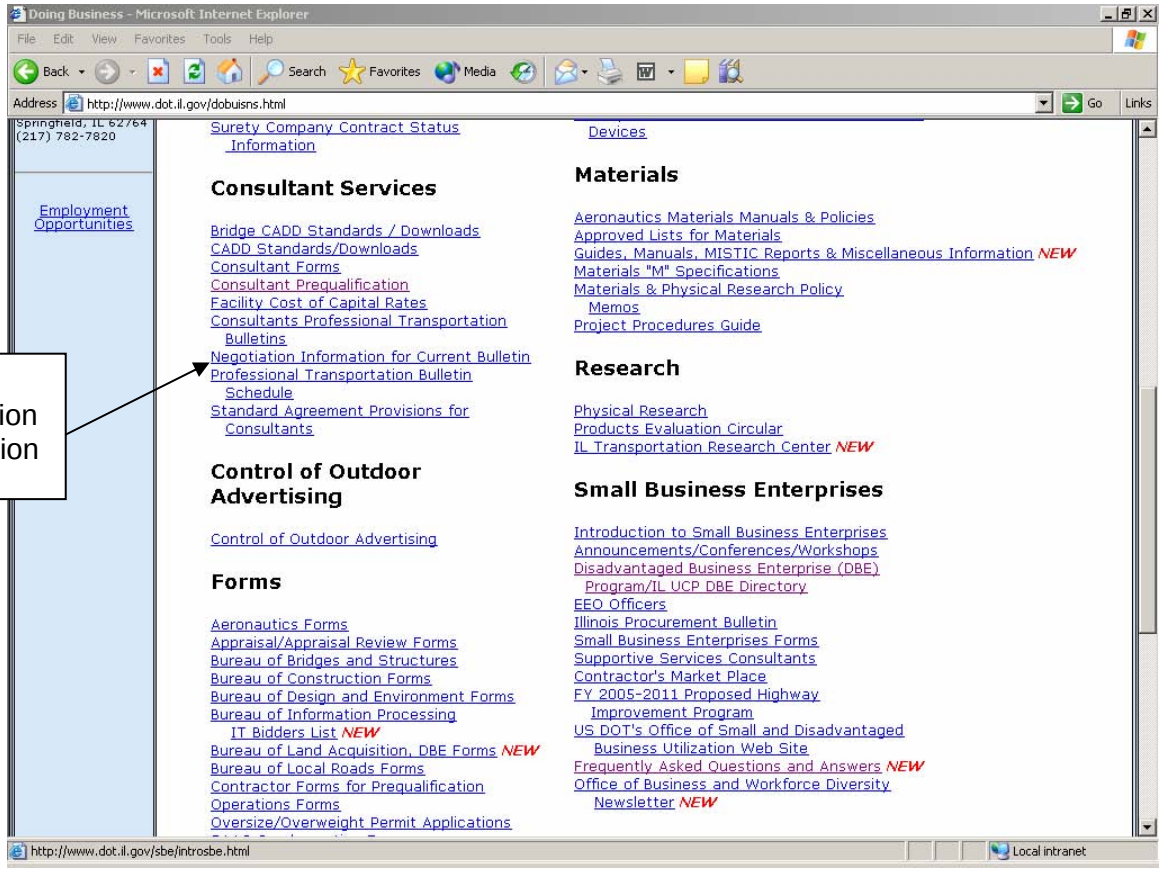
- ☆ The Highway Structure Project – Phase II award was presented to **Crawford, Murphy, & Tilly, Inc.** for the replacement of the Shippingsport Bridge over the Illinois River between LaSalle and Oglesby.

- ☆ The Urban Construction Engineering Project – Phase III award was presented to **V3 Infrastrucute Services, Ltd.** for the construction of I-74 in Peoria. The contract included interchange construction, temporary construction for future I-74 work, and multiple bridges.

- ☆ The Harry R. Hanley Award was presented to **Teng & Associates** for outstanding service in its design of IL 47 including the design of the structure over the Illinois River.

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 1-8**

- **Region 2**
- **Gregory Mounts**
  - **District 2**
    - **Items 9-11**
  - **District 3**
    - **Items 12-13**

- **Region 3**
- **Joseph Crowe**
  - **District 4**
    - **Items 18-19**

- **Region 4**
- **Christine Reed**
  - **District 6**
    - **Items 20-22**

- **Bureau of Bridges and Structures**
- **Ralph Anderson**
  - **Item 23**

- **CATS**
- **Donald Kopec**
  - **Item 24**

Notice
Special Plans Lighting

This notice is important for Consultants who are, or wish to be, prequalified in the Special Plans (Lighting) category. The following changes have been incorporated into the Description and Minimum Requirements for prequalification and the attached questionnaire has been included in the Statement of Experience and Financial Condition.

The Lighting prequalification category has been revised as follows:

"4. Special Plans

b. Lighting

This work consists of the design of roadway and associated lighting systems. The firm must demonstrate the in-house ability to complete lighting system design for all applicable lighting design categories. These categories are as follows:

- Continuous Freeway Lighting,
- Complete Interchange Lighting,
- Partial Interchange Lighting,
- Major Urban Arterial Lighting, Streetscape Lighting,
- Tunnel Lighting, Bridge Lighting,
- Overhead Sign Lighting,
- Underpass/Overpass Lighting,
- Highmast Tower Lighting,
- And other lighting systems as required

The minimum personnel requirements are one individual with a minimum of 5 years of lighting design experience in the categories listed above. In addition to design experience in roadway lighting systems, the individual must have a thorough knowledge of the department's lighting policies and procedures. This person will preferably be an Illinois Licensed Professional Engineer, a graduate electrical engineer and an active member of the IESNA.

This individual must also possess electrical design experience or a second individual with these qualifications must be on staff. For electrical design experience, the individual will as a minimum, be knowledgeable in all aspects of lighting circuit design and the proper application of the National Electrical Code (NEC).

These individuals shall be personally involved and directly responsible for the lighting system design. This shall include design calculations and final plan review. Computer capabilities shall include the necessary software and supporting equipment to design and draft lighting plans to the department's standards."

IMPLEMENTING THE NEW PREQUALIFICATION CATEGORY

Firms desiring to be prequalified in **Special Plans (Lighting)** should submit the information requested in the attached questionnaire.

Since the Lighting prequalification category has been modified, firms currently prequalified in this category will be required to submit the Questionnaire For Lighting to become prequalified in Lighting. Submittal must be received September 01, 2005.

QUESTIONNAIRE FOR LIGHTING

1. **Firm Experience.** The firm must supply the following information for recent highway lighting projects they have completed Describe **no more than 5** representative examples in each lighting category Completed During Last **Five** Years Only. If there is a category that has not been completed list none completed in last 5 years.

   a) Complete the following Table by listing the successfully completed highway lighting projects that were designed and completed entirely in-house within the last five years. If client is IDOT include PTB and Item Number. List no more than 5 projects per lighting category.

	Lighting Category	Location	Client	Project Manager	Year Design Complete
*Example only:	Continuous Freeway	I-55 , from South Grand to IL 104	IDOT (105-13)	Mary Smith	2001
	Complete Interchange				
	Partial interchange				
	Major Urban Arterial				
*Example only:	Streetscape	Main street, from 1st to 4th street	City of Quincy	John Doe	2003
*Example only:	Streetscape	Oak Rd, from Maple to Sunset	City of Jerome	Jane Johnson	2002
*Example only:	Tunnel	No Lighting projects completed.			
	Bridge				
	Overhead Sign				
	Underpass/Overpass				
	Highmast Tower				

   b) Provide a project summary for no more than three of the most recent highway lighting projects, which have been completed.
      i) Each project summary shall include a brief description of the project, along with location, size & scope, time to completion, your firm's project manager, name of client, contact person for this client with telephone number, and full description of any work that has been sub-consulted.
      ii) The project summary shall include the name of the individual(s) performing the calculation for the lighting design, voltage drop analysis, and circuit orientation.

2. **Staff Experience.** For each person reviewing, managing or performing work on highway lighting projects for your firm provide the following:

   a) Identify whether this person is an Illinois Licensed Professional Engineer (include license number) and/or a graduate electrical engineer (include University).

QUESTIONNAIRE FOR LIGHTING (Continued)

b) List individual's most recent past lighting experience; include experience in each of the categories of lighting design and the number of completed projects they have personally designed in each category.
c) List the lighting design software programs that this individual is knowledgeable in and proficient in using.

3. **Computer Programs.** Identify only the programs that are owned and maintained in-house along with the name(s) of those individuals that have a thorough understanding of their use.

   a) List all lighting design software programs used for photometric calculations.
   b) List all other software used in support of lighting design, i.e., voltage drop calculations.

4. **Submittals.** Along with the items listed above, also submit the following documents to provide a sample of the quality of design documents your firm produces for highway lighting projects:

   a) Computer printouts, 1 or 2 pages only, for the programs listed in item 3 above from a recent project.
   b) A luminaire performance table used to specify the photometric requirements of a roadway luminaire from a recent project.
   c) A sample circuit diagram showing the layout/circuit orientation of the branch lighting circuits from a recent project.
   d) Sample drawing, 1 or 2 pages only, showing commonly used lighting details, i.e., lighting controller schematic, electric service details.

Notice
of
Statement of Experience and Financial Condition

The current Statement of Experience and Financial Condition and the Description and Minimum Requirements have been revised and are available at the following address: http://www.dot.state.il.us/desenv/preqcons.html

These documents are effective September 2005 and must be used for prequalification. Consultants interested in submitting additional information may do so at any time, but must use these most recent documents.

The revisions consist of clarifications and most significantly the following:

- Aeronautics Category: This category has been broken into 3 separate subcategories (shown below) and now requires a questionnaire to be completed.

  Aeronautics**:**
  - Planning & Special Services
  - Design
  - Construction Inspection

- Structures' category: The last 10 years of Firm experience will be considered instead of 5 years and the Orthotropic Girder and Plate Girder category are deleted and replaced with the one category, "Steel Girder".

- Environmental Categories: The Simple Environmental Assessment and the Complex Environmental Assessment have been combined into one Category (Environmental Assessment the last 10 years of Firm experience will be considered instead of 5 years for Environmental Assessment and for Environmental Impact Statements. Note, if your firm is currently prequalified in SEA or CEA you will remain prequalified in the new EA category.

- Lighting: This category has been changed significantly. Please see the notice for Lighting. Firms will be required to submit the new questionnaire to be considered for this category. If you do not resubmit your firm will not remain prequalified for Lighting.

- Railway Engineering: The requirement of having a former employee of a Class I Railroad has been revised to having a licensed Illinois Professional Engineer with Class I Railroad carrier experience in design, construction and rehabilitation of mainline railroad track.

- Hazardous Waste: The last 10 years of Firm experience will be considered instead of 5 years. Required technical staff went from 3 or 4 more required to 2 or more individuals.

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #137
July 21, 2005

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.state.il.us/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, August 4, 2005. 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.

All Items on this bulletin will utilize the **Direct Labor Multiple** method of contracting unless otherwise shown as Cost Plus Fixed Fee.

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 Reconstruction and New Construction/Major Reconstruction) and all Environmental Reports (Simple Environmental Assessment, Complex 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 1and 2 immediately preceding **Forms A** and **B**. Disclosure Forms should be a separate document from the SOI. A cover should be provided with a statement similar to the following: *"The **Form A** disclosures (or Certification Statement) and the **Form B** disclosures are being submitted for PTB # ____, Item(s): ____."* Only one copy, 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	Mr. Gregory Mounts
District 2	**District 3**
819 Depot Avenue	700 East Norris Drive
Dixon, IL 61021	P.O. Box 697
	Ottawa, IL 61350

Region 3

Mr. Joe Crowe	Mr. Joe Crowe
District 4	**District 5**
401 Main Street	Route 133 West
Peoria, IL 61602	P.O. Box 610
	Paris, IL 61944

Region 4

Ms. Chris Reed	Ms. Chris Reed
District 6	**District 7**
126 East Ash St.	400 West Wabash
Springfield, IL 62704	Effingham, IL 62401

Region 5

Ms. Mary Lamie	Ms. Mary Lamie
District 8	**District 9**
1102 Eastport Plaza Drive	State Transportation Building
Collinsville, IL 62234	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 137

ITEM #	COUNTY	DESCRIPTION
REGION 1 DISTRICT 1		
1.	Cook	Perform construction inspection services for the improvement of I-90/94 Contract D.
2.	Cook	Perform construction inspection services for the improvement of I-90/94 Contract E.
3.	Cook	Perform construction inspection services for the improvement of I-90/94 Contract H
4.	Cook	Provide Land Survey from Willow Rd. to Sanders Rd.
5.	Various	Perform land surveys for various projects throughout District One.
6.	Various	Perform Quality Assurance Testing throughout District One.
7.	Various	Perform Signal Coordination and Timing (SCAT) throughout District One.
8.	Various	Provide Phase I services for various projects throughout District One.
REGION 2 DISTRICT 2		
9.	Rock Island	Provide Phase I and II services for structures and related roadway work I-280, near Quad Cities.
10.		PROJECT WITHDRAWN
11.	Winnebago	Provide Phase III services for the IL173/I-90 interchange.
REGION 2 DISTRICT 3		
12.	Various	Perform Phase I/II services for work on various projects throughout District Three.
13.	Various	Perform land and route surveys for various projects throughout District Three
14.	Livingston	Provide Phase II services for structure on IL 17 and

		structure over Mole Creek.
15.	Kankakee & Kendall	Provide Phase II services for structure on US 45/52 over Minnie Creek and for structure on US 52 over Aux Sable Creek.
16.	Kankakee	Provide Phase I/II services for Structure on North St. over I-57.
17.	LaSalle	Provide Phase II services for IL 178 from Lincoln St. to Johnson St. in Utica including structure work.
REGION 3 DISTRICT 4		
18.	Various	Provide Phase I/II services for structures and related roadway work throughout District Four.
19.	Peoria	Provide Phase I/II services for structure on IL 8, over Big Hollow Creek West of Pottstown.
REGION 4 DISTRICT 6		
20.	Various	Perform Phase I/II services for various projects throughout District Six.
21.	Various	Perform Phase I/II services for various projects throughout District Six.
22.	Sangamon	Perform Phase II services for Structures on I-55 over Brush Creek.
BUREAU OF BRIDGES AND STRUCTURES		
23.	Various	Provide Phase II/III Bridge Painting related tasks throughout the state.
CATS		
24.	Various	Phase I services for Park-n-Ride Lot Program in the Northeastern part of the state.
REGION 1 DISTRICT 1		
25.	Various	Intelligent Transportation Systems Status Reports and Assessments statewide.

1. **Job No. C-91-417-01 & C-91-418-01, I-90/94: NB Local & Express lanes from 31st St. to 71st St. and 31st St. to Wentworth Ave., Dan Ryan Mainline - Contract D, Cook County, Region One/District One.**

This project requires 25% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **September 29, 2005** at **8:00 A.M.** at the District One Office in **Schaumburg.**

Phase III engineering services are required for the improvement of I-90/94 NB Local & Express lanes from 31st St. to 71st St. and Local lanes from 31st St. to Wentworth Ave. Work includes but is not limited to mainline pavement reconstruction and storm sewer construction. Also included is the construction of the north ramp at 47th St., ramps between 39th and 43rd St. and the removal of the south ramp at 43rd St. as well as any other work necessary to complete Contract D. All work for this project will be in English units.

The following structure is included in this project, S.N. 016-2850 [Box Culvert]

The department will furnish the Consultant with Plans and Specifications.

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

The estimated construction cost for this project is $89,070,000. The Consultant's work includes providing staff, vehicles and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

This project is anticipated to be on the Department's "On the Job Training Program". In addition to the above mentioned scope of work, the prime Consultant is expected to work with our Supportive Service group to select ten [10] "Transportation Trainees" to work on this project. The rate of pay for the trainees is anticipated to be ten dollars [$10.00] per hour for a maximum of one thousand [1000] hours [per trainee] at a direct labor multiple of 2.2. The Consultant will be responsible for training these individuals with the technical skills they will need to successfully work on construction projects.

The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The anticipated construction completion date is December 31, 2007. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Liaison Engineer.
- The Assistant 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 and must be ICORS trained.) **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. <u>Job No. C-91-419-01 & C-91-420-01, I 90/94: SB Express lanes from 31st St. to 71st St. and local lanes from 31st St. and Wentworth Ave., Dan Ryan Mainline - Contract E, Cook County, Region One/District One.</u>

This project requires 25% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **September 29, 2005** at **10:00 A.M.** at the District One Office in **Schaumburg.**

Phase III construction services are required for the improvement of I-90/94 SB Express lanes from 31st St. to 71st St. and local lanes from 31st St. to Wentworth Ave. Work includes but is not limited to mainline pavement reconstruction and storm sewer jacking and construction along SB local and express lanes. Also included is the construction of the north ramp at 47th St., two (2) ramps between 39th and 43rd St. and the removal of the south ramp at 43rd St. as well as any other work necessary to complete Contract E. All work for this project will be in English units.

The following structure is included in this project, S.N. 016-2625 [Box Culvert]

The department will furnish the Consultant with Plans and Specifications.

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

The estimated construction cost for this project is $90,750,000. The Consultant's work includes providing staff, vehicles and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

This project is anticipated to be on the Department's "On the Job Training Program". In addition to the above mentioned scope of work, the prime Consultant is expected to work with our Supportive Service group to select ten [10] "Transportation Trainees" to work on this project. The rate of pay for the trainees is anticipated to be ten dollars [$10.00] per hour for a maximum of one thousand [1000] hours [per trainee] at a direct labor multiple of 2.2. The Consultant will be responsible for training these individuals with the technical skills they will need to successfully work on construction projects.

The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The anticipated construction completion date is December 31, 2007. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Liaison Engineer.
- The Assistant 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 and must be ICORS trained.) **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. <u>Job No. C-91-083-03 & C-91-082-03, I 90/94: SB & NB Elevated Bridge Repair from 15th St. to 28th St., Dan Ryan Mainline - Contract H, Cook County, Region One/District One.</u>

This project requires 25% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **September 29, 2005** at **2:00 P.M.** at the District One Office in **Schaumburg.**

Phase III engineering services are required for the improvement of I-90/94 SB & NB Elevated Bridge Repair from 15th St. to 28th St. Work includes, but is not limited to, bridge deck concrete overlay for the bridge viaduct structure, deck patching, concrete overlay, substructure repairs, bearing replacement, joint repair and replacement of finger type joints as well as any other work necessary to complete Contract H. All work for this project will be in English units.

The department will furnish the Consultant with Plans and Specifications.

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

The estimated construction cost for this project is $35,600,000. The Consultant's work includes providing staff, vehicles and appropriate test equipment necessary to complete this project. The Consultant will furnish an Assistant Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

This project is anticipated to be on the Department's "On the Job Training Program". In addition to the above mentioned scope of work, the prime Consultant is expected to work with our Supportive Service group to select ten [10] "Transportation Trainees" to work on this project. The rate of pay for the trainees is anticipated to be ten dollars [$10.00] per hour for a maximum of one thousand [1000] hours [per trainee] at a direct labor multiple of 2.2. The Consultant will be responsible for training these individuals with the technical skills they will need to successfully work on construction projects.

The Consultant will perform on site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications. The anticipated construction completion date is December 1, 2007. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Assistant Liaison Engineer
- The Materials Coordinator
- The Documentation Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS trained). **Include the Documentation Certificate Number 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.

4. Job No. R-90-008-03, IL 21, Land Surveys from Willow Rd. to Sanders Rd., Cook County, Region One/District One.

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 **September 30, 2005** at **2:00 P.M.** at the District One Office in **Schaumburg.**

Phase II engineering services are required for land surveying services to prepare Land Acquisition documents for approximately 40 parcels along IL 21 from approximately Willow Rd. to Sanders Rd. All work for this project will be in English units.

The department will furnish the Consultant with alignment data, title reports, existing right-of-way plats, proposed right-of-way requirements.

The Consultant's work includes field and office resources to prepare a statutory Plat of Highway, legal descriptions and field staking of same. This work must be completed within 90 days after authorization to proceed.

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

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

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

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

5. Job No. D-91-287-05, Land Surveys, Various Routes, Various Counties, Region One/District One.

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 **September 30, 2005** at **10:30 am** at the District One Office in **Schaumburg.**

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

The department will furnish the Consultant with alignment data, title reports, existing right-of-way plats and proposed right-of-way requirements as each work order is negotiated.

The Consultant's work includes field and office resources to prepare statutory plats of highway, legal descriptions and field staking of same. They must also have a QA/QC plan to review internal work as well as assigned IDOT projects. The completion date for this contract will be 18 months after authorization to proceed.

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

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

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

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

6. Job No. D-91-288-05, Quality Assurance Testing, Various Routes, Various Counties, Region One/District One.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 5, 2005** at **10:00 A.M.** at the District One Office in **Schaumburg.**

Phase III engineering services are required to perform the quality assurance responsibilities of hot-mix asphalt (HMA) and/or Portland cement concrete (PCC) construction. The project includes complete quality assurance testing in accordance with the Standard Specifications for Road and Bridge Construction and any appropriate contract special provisions and plan notes or details. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in metric units.

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 Consultant's work includes plant and on-site inspections, sampling and material testing. The Consultant will carry out quality assurance duties as defined in the construction contract and the Consultant agreement. The Consultant will maintain records and submit documentation of all QC and QA activities required by the construction contract. Work must be formed using an IDOT approved PCC and HMA Laboratory. This work must be completed within 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 I 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.

7. <u>Job No. D-91-283-05, Traffic Signal Coordination and Timing (SCAT), Various Routes, Various Counties, Region One/District One.</u>

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are selected for this project is scheduled to attend an initial meeting on **October 4, 2005** at **9:00 A.M.** at the District One Office in **Schaumburg.**

Phase II engineering services are required for developing traffic signal coordination and timing for various systems located throughout District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project will be in English units.

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

The Consultant's work may include accomplishment of one or more of the following tasks per Work Order for each selected location:

- After a Work Order has been assigned, the Consultant shall have two (2) weeks to implement a functional interim Time-of-Day operation program.
- Data Collection – Field collection of traffic counts, turning movements, signal phasings, 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 existing signal phasing. Engineering judgment will be used to select the final plan for recommended implementation.
- Implementation – The approved Time-of-Day optimization plan will be placed in operation and any necessary fine-tuning adjustments will be made. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation – A study of the effectiveness of the optimization plan will be conducted. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of carbon monoxide emissions. Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.
- Monitoring – Responsibility of monitoring all existing systems and submitting weekly reports detailing problems and errors in the database.

This work must be completed by January 2009.

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 operation, 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 Econolites.

Firms must be prequalified in the **Special Studies [Signal Coordination & Timing (SCAT)]** category to be considered for this project. Firms must also furnish a list of the most recent projects they have completed 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.

8. Job No. P-91-289-05, Phase I Work for Various Projects, Various Counties, Region One/District One.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 5, 2005** at **10:00 A.M.** at the District One Office in **Schaumburg.**

Phase I engineering services are required for all work associated with the preparation of Phase I Preliminary Engineering and Environmental Studies throughout District One. The scope of work may include new Phase I studies for intersections or bridges, and/or assisting the District in completing on-going Phase I studies. 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 any relevant and available information such as accident data, existing and projected traffic data, existing Micro station files, utility coordination, right-of-way data as available, clearinghouse reviews, archeological, historical and architectural coordination and correspondence, biological survey coordination, and special waste survey coordination.

The Consultant's Phase I work may include data collection, preparation of base maps and mosaics, geometric studies, Intersection Design Studies, Categorical Exclusion Reports, support in the preparation of ECAD and Combined Design Reports, noise analysis, air quality analysis, cost estimates, Public Involvement, and other related work necessary to assist in the completion of the Phase I report. This work must be completed within 18 months after authorization to proceed.

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

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

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

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

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

- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines

including air quality, water quality, traffic noise, socio-economics and ecology. Environmental staffing on **Exhibit B** must match the staffing presented 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:

Structures (Highway: Typical)
Location/Design Studies (Reconstruction/Major Rehabilitation)
Environmental Reports (Simple Environmental Assessment)

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

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

9. <u>Job No. P-92-045-02, FAI 280 (I-280) Structures near the Quad Cities, Rock Island County, Region Two/District Two.</u>

This project requires 12.00% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **September 29, 2005** at **10:00 A.M.** at the District Two Office in **Dixon.**

Phase I and II engineering services are required for the preparation of one Project Report (anticipated to be Categorical Exclusion). This Project Report is projected to include six sets of twin structures on I-280 near the Quad Cities. This project is anticipated to require a different scope of work for each set of structures. All work for this project will be in English units.

The following structures are anticipated to be included and the work is anticipated to include:

- S.N. 081-0070 & 081-0071 – IL 92 over I -280 (Total Replacement)
- S.N. 081-0018 & 081-0019 - I-280 over Railroad (Deck Replacement)
- S.N. 081-0020 & 081-0021 – I-280 over 4th St in Milan (Superstructure Replacement)
- S.N. 081-0022 & 081-0023 – I-280 over US 67 in Milan (Superstructure Replacement)
- S.N. 081-0024 & 081-0025 – I-280 over Railroad (Deck Replacement)
- S.N. 081-0026 & 081-0027 – I-280 over Mill Creek (Superstructure Replacement)

The department will furnish the Consultant with existing plans, accident information, structure ratings, survey benchmark information, an example project report and other pertinent information to complete the assigned work.

The estimated construction cost for this project is $19,900,000. The Consultant's work may include basic data collection, field surveys, hydraulic analyses, hydraulic report, and the preparation of type, size and location drawings and all other work necessary to prepare an anticipated five Project Reports and Phase II final contract plans and documents. The Consultant may also be required to obtain survey data to prepare plats and legal descriptions for additional right of way if required.

Phase I must be completed within 15 months after authorization to proceed. Phase II will be negotiated for the preparation of preliminary and final contract plans, special provisions and estimates near the completion of Phase I. Phase II must be completed within 12 months after authorization to proceed with Phase II.

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

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

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

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

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

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

Highways (Roads & Streets)
Structures (Highway: Advanced Typical)
Hydraulic Reports (Waterways: Typical)
Location/Design Studies (Rehabilitation)

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

10. <u>Job No. D-92-069-05; FAP 301 (US 20), Structure over Prairie Rd. and over Simpson Rd., Winnebago County, Region Two/District Two.</u>

This project has been withdrawn.

11. <u>Job No. C-92-098-05, FAI 303 (IL173/I-90), Construction Inspection for Interchange, Winnebago County, Region Two/District Two.</u>

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 **October 6, 2005** at **10:00 A.M.** at the District Two Office in **Dixon.**

Phase III engineering services are required for the new interchange located at IL 173/I-90 near Loves Park. This project includes construction of four ramps, complete removal and replacement of two structures that carry Tollway Road I-90 over IL 173, reconstruction of 1.68 miles of IL173 and all other work necessary to complete the contract. All work for this project will be in English units.

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

The Consultant will assist the Resident Engineer with all documentation of the project. The work includes, but is not limited to, job diary, weekly reports, daily quantities, field books, calculations, and layout.

Proposed construction activities may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and 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, and will do all off site material inspection for the project.

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

The estimated construction cost for this project is $23,000,000. The IL173/I-90 interchange is scheduled for construction during Calendar years 2006 and 2007 construction seasons. The Consultant will be required to complete and submit final measurements, calculations and contract record documents to the department no later than six (6) weeks after the completion of the project.

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 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

12. <u>Job No. P-93-047-05, Phase I and/or II Work for Various Projects, Various Counties in Region Two/District Three.</u>

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 **September 29, 2005** at **10:00 A.M.** at the District Three Office in **Ottawa.**

Phase I and/or Phase II engineering services are required for various projects which are anticipated to consist of Bridge Condition Reports, field surveys (including route and hydraulic stream surveys), Hydraulic Reports and, if needed, Type, Size and Location (TS&L) drawings, structure repair plans and structure borings for various structures throughout District 3. Work orders under the blanket agreement will be negotiated and authorized on an as-needed basis. All work for this project may be in either English or metric units.

The Consultant's work may include data collection (including ground penetration radar and/or infrared bridge deck delamination surveys and deck cores), ground and stream surveys, cost comparisons, traffic analyses and all work necessary to complete the Bridge Condition Reports, Hydraulic Reports and, if needed, TS&L drawings, structure repair plans and structure borings.

The department will furnish the Consultant with traffic data, existing bridge rating information, unit prices for cost comparisons and available microfilm prints of as-built plans.

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

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

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

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

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

Location/Design Reports (Rehabilitation)
Structures (Highway Bridges: Typical)
Special Studies (Location Drainage)

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

13. <u>Job No. P-93-048-05, Various Surveys and Preparation and Review of Right-of-Way Plans, Various Routes, Various Counties, Region Two/District Three.</u>

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 **September 29, 2005** at **2:00 P.M.** at the District Three Office in **Ottawa.**

Phase I and II engineering services are required for route surveys, land acquisition surveys, the preparation and review of preliminary and final right-of-way plans, premise plats, and legal property descriptions related to land acquisition activities for various projects throughout District 3. 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 is anticipated to include research, land surveys, route surveys, premise plats, legal descriptions, monument records and all investigation and documentation required to prepare preliminary and final right-of-way plans. The Consultant's work may also include reviewing right-of-way documents prepared by others, which will involve reviewing title commitment descriptions, existing right-of-way location, proposed right-of-way location, legal property description content and closures and computation of areas in existing right-of-way, proposed right-of-way, easements and total holding. A general overall review of the right-of-way documents will be completed for quality, content and format using guidelines furnished by the department.

The department will furnish the Consultant with available construction plans, available aerial photography, existing right-of-way plats and plans, proposed right-of-way requirements, title commitments and available subdivision plats. The Consultant will use this information to prepare and review preliminary and final right-of-way plans, premise plats and legal property descriptions depicting the proposed additional right-of-way needed for various projects.

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

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

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

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

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

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

14. <u>Job No. D-93-038-05 FAP 41 (IL 17), Structure Replacements, 3.4 Miles East of IL 47 and D-93-039-05, FAP 68 (IL 23), 5.7 Miles South of IL 17, Livingston County, Region Two/District Three.</u>

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 **September 29, 2005 at 10:00 A.M.** at the District Three Office in **Ottawa.**

Phase II engineering services are required for the preparation of two separate sets of contract plans, special provisions and estimates for the removal and replacement of structures. One of the proposed structures is located on IL 17, 3.4 miles east of IL 47 and the other is located on IL 23, 5.7 miles south of IL 17. All work for these projects will be in English units.

The following structures are included in this project:

- S.N. 053-0146, IL 17 over a ditch. The estimated construction cost is $1,250,000.

- S.N. 053-0079, IL 23 over Mole Creek. The estimated construction cost is $795,000.

The Consultant's work includes field surveys, type, size and location drawings (TS&L) (IL 23 project only), plans, special provisions and estimates for approach roadway and structures. The department will furnish the Consultant with Project Reports, Bridge Condition Reports, Hydraulic Reports, foundation borings, available existing plans and type, size and location (TS&L) drawings for IL 17 project.

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

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

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

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

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

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

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

Highways (Roads & Streets)
Structures (Highway Bridges: 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.

15. <u>Job No. D-93-052-05, FAP 840 (US 45/52), Structure Replacements 1.2 Miles South of I-57, Kankakee County and Job No. D-93-037-05, FAP 607 (US 52), 2 Miles East of IL 47, Kendall County, Region Two/District Three</u>

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 **September 29, 2005** at **2:00 P.M.** at the District Three Office in **Ottawa.**

Phase II engineering services are required for the preparation of two separate sets of contract plans, special provisions and estimates for the structure work. The Consultant's work is anticipated to consist of the superstructure removal and replacement for the proposed structure located on US 45/52, 1.2 miles south of I-57. The Consultant's work is also anticipated to include the removal and replacement of an additional structure which is located on US 52, 2 miles east of IL 47. All work for these projects will be in English units.

The following structures are included in this project:

- S.N. 046-0070 on US 45/52 over Minnie Creek, Superstructure removal and replacement, the estimated construction cost is $600,000.

- S.N. 047-0016 on US 52 over Aux Sable Creek, Structure removal and replacement with a double box culvert, the estimated construction cost is $370,000.

The Consultant's work includes field surveys, plans, special provisions and estimates for approach roadway and structures and any other work necessary to complete the contract plans. The department will furnish the Consultant with Project Reports, Bridge Condition Reports, Hydraulic Reports, foundation borings, and available existing plans.

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

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

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

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

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

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

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

Highways (Roads & Streets)
Structures (Highway Bridges: 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

16. <u>Job No. P-93-025-03, FAU 6177 (North St.) over I-57 in Bradley, Kankakee County, Region Two/District Three</u>

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 a negotiation meeting on **September 30, 2005** at **2:00 P.M.** at the District Three Office in **Ottawa**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a categorical exclusion) and contract plans, special provisions and estimates for the removal and replacement of S.N. 046-0088 on North St. over I-57 in Bradley. All work for this project will be in English units.

Phase I services are anticipated to include data collection, ground surveys, traffic analyses, drainage studies, geotechnical studies, cost estimates, environmental studies including a noise analysis, Bridge Condition Report, type, size and location (TS&L) drawings and all other work necessary to complete the Project Report.

Phase II services are anticipated to include field surveys, plans, special provisions and estimates and all other work necessary to complete the contract.

The department will furnish the Consultant with traffic data and projections, crash statistics, surveys, any available as-built plans, microfilm plans, field notes, agency coordination, existing right-of-way plans, aerial photography, and other available information.

The estimated construction cost for this project is $5,600,000. Phase I work for this contract must be completed within 18 months after authorization to proceed. Phase II will be negotiated for the preparation of preliminary and final contract plans, special provisions and estimated near the completion of Phase I. Phase II must be completed within 12 months after authorization to proceed with Phase II.

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

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

- The person who will perform the duties of Project Engineer, the individual in charge who is directly involved in the development of 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 and Design Studies (Rehabilitation)
Highways (Freeways)
Structures (Highway Bridges: Typical)

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

17. <u>Job No. D-93-024-05, FAS 1279 (IL 178), from North of Lincoln St. to South of Johnson St. in North Utica, LaSalle County, Region Two/District 3</u>

This project contains Federal Funds.

This project requires 5% 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 **September 30, 2005** at **10:00 A.M.** at the District Three Office in **Ottawa.**

Phase II engineering services are required for the preparation of contract plans, special provisions and estimates for the realignment of IL 178 from north of Lincoln St. to south of Johnson St. in North Utica including an extension of Lincoln St. from IL 178 east to Mill St. All work for this project will be in English units.

The project is anticipated to include the realignment of IL178, the construction of two new structures, curb and gutter, storm sewer, sidewalks, decorative lighting and landscaping.

The following proposed structures are included:

- S.N. 050-7201, over Clark Run on Lincoln St.
- S.N. 050-0250, over I&M Canal on IL 178

The Consultant's work includes plans, special provisions and estimates for the roadway and two proposed structures. The department will furnish the Consultant with the Project Report, Hydraulic Reports, survey information, approved Type, Size and Location (TS&L) drawings, foundation borings, available existing plans and any other available information.

The estimated construction cost is $2,485,000. The completion date for this contract will be 12 months after authorization to proceed.

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

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

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

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

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

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

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

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

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

18. <u>Job No. D-94-119-05, Phase I/II Various Structure Projects, Various Counties, Region Three/ District Four.</u>

This project requires 25.00% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **September 29, 2005** at **8:30 A.M.** at the District Four Office in **Peoria**.

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

Phase I and II engineering services is anticipated to include preparing Bridge Condition & Hydraulic Reports, conducting route & land surveys (including a full hydraulic survey), performing simple environmental assessments, preparing a Structure Report, and preparing type, size & location (TS&L) drawings. Also, this work may include data collection, cost estimates, traffic management analysis, accident analysis, and other related work and exhibits to produce the Project Report, as necessary. The work required may also include performing drainage studies, preparing bridge & roadway plans, preparing traffic control plans, special provisions, cost estimates and any other work necessary to complete final contract plans and documents. The engineering services required may consist of only a portion of the total engineering work on a certain 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 any available plans, approved Phase I Reports, field notes, traffic data, accident statistics, agency coordination, existing right of way plans, aerial photographs, boring logs, existing Bridge Condition & Hydraulic Reports, structure ratings and other information.

The work for this contract must be completed within 36 months after the authorization to proceed.

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

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

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

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

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

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

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

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

19. <u>Job No. P-94-010-05, FAU 6658 (IL 8), Structure over Big Hollow Creek, ½ Mile West of Pottstown, Peoria County, Region Three/District Four.</u>

This project requires 25.00% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **September 29, 2005** at **1:30 P.M.** at the District Four Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a Categorical Exclusion) and one set of contract plans, special provisions and estimates for removal and replacement of the structure on IL 8 approximately one half mile west of Pottstown. All work for this project will be in English units

The following structure is included in this project, S.N. 072-0137 over Big Hollow Creek

The Consultant's work is anticipated to include preparing Bridge Condition & Hydraulic Reports, conducting route & land surveys (including a full hydraulic survey), performing simple environmental assessments, preparing a Structure Report, and preparing type, size & location (TS&L) drawings. Also, this work may include data collection, cost estimates, traffic management analysis, accident analysis, and other related work and exhibits to produce the Project Report, as necessary. The Consultant will also obtain survey data. The work required may also include performing drainage studies, preparing bridge & roadway plans, preparing traffic control plans and any other work necessary to complete final contract plans and documents.

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

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

The estimated construction cost for this job is $900,000. The Phase I work for this contract must be completed within 18 months after the authorization to proceed. Phase II will be negotiated for the preparation of preliminary and final contract plans, special provisions and estimates near the completion of Phase I. Phase II must be completed within 18 months after authorization to proceed with Phase II.

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

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

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

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

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

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

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

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

20. <u>Job No. D-96-001-06, Phase I and/or II Various Projects, Various Counties, Region Four/District Six.</u>

This project requires 15.00% DBE participation.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **September 29, 2005** at **1:30 P.M.** at the District Six Office in **Springfield**.

Phase I and/or II engineering services are required for 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 either English or metric units.

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

Phase II work if required, may consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparation of TS&L's, structure plans, roadway plans, right-of-way documents, and other related work to complete final plans, special provisions, and estimates, as necessary. 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 as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way, aerial photos, boring logs and any other information that is available.

The estimated construction cost for this project is $100,000 to $2,000,000. It is estimated that this contract of approximately 3 to 10 projects. This work must be completed within 36 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the reports and/or plans (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 any route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor).

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

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

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

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

21. <u>Job No. D-96-002-06; Phase I and/or II for Various Projects, Various Counties, in District Six/Region Four</u>

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 **September 30, 2005, at 10:00 A.M.** in the District Six Office Conference Room 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, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing bridge condition reports, and preparing project reports (categorical exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, bridge condition reports, TS&L, structure plans, and other related work and exhibits necessary to produce the Project Report, as necessary.

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

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

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

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

The estimated construction costs of each project will range from $100,000 to $2,000,000. This work must be completed within 18 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 (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.

22. <u>Job No. D-96-532-03, FAI 55 (I-55) Phase II Engineering for Dual Structure Replacement over Brush Creek, Sangamon County, Region Four / District Six</u>

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 an initial Scope of Services meeting on **September 30, 2005,** at **9:30 A.M.** at the District Six Office in **Springfield**.

Phase II Engineering services are required for the preparation of contract plans, special provisions and estimates for the removal and replacement of the dual I-55 structures located 0.7 miles south of the I-55/IL-104 interchange in Sangamon County. The West Frontage Road structure will be removed. Access to the properties on the north side of Brush Creek will be maintained via a relocated West Frontage Road that will connect to IL 104. All work will be in English units.

The following structures are included in this project:

- (SN 084-0107 & SN 084-0108) over Brush Creek
- (SN 084-0002) over Brush Creek

The Consultant's work will consist of the preparation of contract plans, field surveys, preparation of right-of-way plats and plans, preparation of type, size and location (TS&L) drawings, structure plans, roadway plans, traffic control plan, and any other related work to complete final plans, special provisions and estimates.

The department will furnish the Consultant with any available existing plans, survey and field notes, traffic data, accident statistics, borings logs, approved Bridge Condition Report, and approved Hydraulic Report, structure ratings, approved Phase I Design Report and other pertinent information to complete the assigned work.

The estimated construction cost is $7,250,000. This work must be completed with 20 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 be in charge of any route surveys (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Land Surveyor).

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

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.

23. <u>Job No. D-30-001-06, Statewide Bridge Painting Inspection, Bureau of Bridges and Structures.</u>

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 **October 5, 2005** at **10:00 A.M.** at the Central Bureau of Bridges and Structures in **Springfield**.

Phase II and III engineering services are required for the supervision, inspection, and documentation of various painting contracts statewide. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The services include providing paint coating failure analysis for ongoing or recently completed painting projects along with recommended solutions, providing technical assistance on specifications, special provisions and various other departmental policies, providing evaluations and recommendations of new painting, cleaning, or containment systems as necessary. The project also involves providing environmental monitoring assistance and training when necessary and suitable traffic control according to departmental standards, when required.

The department will furnish the Consultant with the following:

- Existing special provisions, the 2002 Standard Specifications for Road and Bridge Construction, the 2005 Supplemental Specifications and any other available paint data.

- A contact person(s) to act as a liaison between the Consultant and the department.

The Consultant is required to have the following:

- Five years of experience in construction management and inspection services during surface preparation and coating application.

- Three years of experience in environmental and worker monitoring on industrial lead paint removal projects.

- The use of a laboratory accredited by the American Industrial Hygiene Association (AIHA) for the analysis of metals for all worker exposure filter analyses including PM-10 and TSP-lead filters.

- A fully equipped analytical and physical testing laboratory to support technical and field personnel, as well as associated coatings and monitoring instrumentation necessary to support multiple field projects.

- Documented and acceptable quality control procedures.

- All the necessary equipment to provide or accomplish the above mentioned tasks.

This work must be completed within 12 months after authorization to proceed. The Department has the option to renew the contract for an additional 12 months.

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

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

- The person performing the duties of the Project Engineer (must be a NACE Certified Inspector).

Statements of Interest must include the following:

- Your firm's experience with this type of work, including the firm's experience in construction management and inspection and in environmental work and worker monitoring.

- Your firm's techniques for completion of this work.

- Names of key personnel along with resumes indicating qualifications including the registered Professional Engineer in charge of the project, the NACE Certified Inspector who will act as a Project Engineer.

- A statement of your firm's ability to do the work in-house, or if necessary, what work you would need to subcontract.

- Name, location, and accreditation of laboratory to be used.

- A statement of your firm's ability to perform the work within the time frame described above.

- The firm's quality assurance and quality control plan.

- Name and phone number of the contact person in your organization.

Statements of Interest must be submitted concurrently to the Central Bureau of Design and Environment and the Bureau of Bridges and Structures.

24. Unified Work Program Project # 5328.05, CMAQ Application Number # CP13052392 , TIP Identification Number # 13-05-0003, Regional Non Central City Park-n-Ride Lot Program for Northeastern Illinois, Phase I work for Proposed Park-n-ride locations, Various Counties, Region One/District One

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

The selection for this project will be made by a committee consisting of representatives from IDOT (District 1 and CATS), ISTHA, Pace, the McHenry County Highway Department. Selection will be made **September 28, 2005**.

The Consultant selected for this project is scheduled to attend an initial meeting on **November 3, 2005**, at **10 A.M.** at the **CATS office** at 300 West Adams Street, Chicago, Illinois 60606.

Phase I engineering services are required to perform all work associated with the preparation of a Feasibility Study to determine the viability of Park-n-ride facilities for approximately six park-n-ride lots (including approximately five interstate interchanges and approximately one non-interchange location). All Work for this project will be in English units.

This work may include preparing and analyzing macro-level information with respect to the major social, economic, environmental and engineering issue areas. Development of Traffic Studies and Site plans for each of the selected Park-n-ride lot locations, including entrances and exits. Site plans are anticipated to accommodate a minimum of 55 vehicle parking spaces suitable for expansion in modules of 55 spaces. Guidance for this task will be the AASHTO publication "Guild for the Design of Park-n-ride Facilities." The Feasibility Study may contain a detailed site plan for each selected Park-n-ride lot location. Plans are anticipated to include bituminous surface, striping and traffic flow within the parking lot, off site traffic control, site lighting, pedestrian/bike access wherever practical, pedestrian shelters, site drainage, storm-water retention, HOV priority access, and adjacent signage as a minimum. Provision will be made for a transportation information kiosk.

The issue areas to be addressed include, but are not limited to, the following: wetlands, historic districts and/or structures, archaeological resources, socio-economic issues, topography/soils, known natural resources (including, but not limited to, threatened and endangered species), water quality, floodplains, 4(f) and 6(f) properties, prime farmland, existing and proposed noise impacts. The Consultant's work may also include data collection, capacity analysis, preliminary intersection design studies (if traffic signals are proposed), cost estimates, accident analysis, road user benefit analyses, public involvement and related work necessary to produce the required Feasibility Report. The results of this work will be presented in document format with all necessary supporting information. Areas to be addressed may include geometric requirements, drainage considerations, right-of-way needs and a cursory assessment of potential environmental and community impacts. Many of the elements of the feasibility study may be evaluated on a macro level. In depth analyses will be reserved for the future Phase 1 studies, if warranted. The Consultant may assist the Department in conducting local community informational meetings as the study progresses.

The work may consist of the following:

- Data collection

- A Traffic and Safety analysis, including geometric studies to guide the selection of the best possible site location at each interchange or intersection for a Park-n-ride lot site and at interchanges to further determine as part of this Study. Traffic Studies for proposed Geometrics and Safety (weaving) and all calculations. Signage studies and high visibility of the areas (for CARS protection).

- Conduct an alternate analysis to determine the most appropriate location using Traffic Analysis and Design criteria recommended for lot sites as contained in AASHTO publication "Guide for the Design of Park-n-ride Facilities."

- Site Location Plan illustrating Existing R.O.W.

- Floodplain Map elevations superimposed on Site location

- On Site Civil Engineering and Design with all calculations

- Miscellaneous topo and drainage survey, as necessary

- Preparation of base maps and aerial mosaics

- Macro level analysis of potential environmental or hazardous material issues within the limits of the interchange. Environmental Assessment for a Categorical Exclusion. This includes environmental surveys, which have to be filled out by the CONSULTANT.

- Assess the existing drainage system and establish a conceptual drainage plan for the interchange, Drainage Review/Analysis, Existing Drainage System, Proposed Drainage System, Floodplain Encroachment and Division of Water Resources Permit.

- Evaluate Alternative – geometric studies (plan and profile), establish estimated right-of-way needs, estimate construction and right-of-ways costs, develop structural concepts as necessary

- Develop an engineer's estimate of cost to construct both the lot and any priority HOV access.

- Preliminary and Final Reports. All documents are to be provided in electronic format.

CATS will furnish the Consultant with available microfilm plans; existing and projected traffic data; aerial photography; available existing ground survey; accident data; utility coordination and correspondence; right-of-way data, as available; archaeological, historical, biological survey and hazardous waste coordination as needed.

The Consultant will complete the feasibility study within 12 months after the receipt of authorization to proceed.

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

- Project Manager who will coordinate all aspects of the work. This person must be an Illinois Licensed Professional Engineer.

- Project Engineer who will be responsible for all geometric studies and report preparation must be an Illinois Licensed Professional Engineer.
- Person(s) who will be responsible in the feasibility study for environmental issues involving Social, Economic and other general environmental areas including data collection and the preparation of both the Environmental Survey Request Forms (ESRF) and Hazardous & Non-Hazardous Waste Assessment Screen/Survey Request Forms.
- Person(s) who will be responsible for all Drainage Studies. The person must be an Illinois Registered Professional Engineer.
- Person who will be responsible for preparing structural concepts.

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

Feasibility Studies
Location/Design Reports (Reconstruction/Major Rehabilitation)
Special Studies (Feasibility)
Special Studies (Location Drainage)

Statements of Interest, including resumes of the key personnel noted above, must be received by **August 4, 2005 4:30 p.m.,** electronically to the Central Bureau of Design and Environment at the following address: **SOIPTB@dot.il.gov** and a paper copy to:

CATS
Mr. Donald Kopec
300 West Adams Street
Chicago, Illinois 60606.

25. <u>Job No. P-30-001-06, ITS Status Reports and Assessments, Various Routes, Various Counties, Region One/District One.</u>

This project contains federal funds.

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

The Consultant who is selected for this project and all subconsultants the prime consultant will be using are scheduled to attend an initial meeting on **October 4, 2005** at **10:00 A.M.** at the District One Office in **Schaumburg.**

Phase I engineering services are required for researching the current status of Intelligent Transportation Systems (ITS) development and deployment within District 1 and throughout the state and evaluating the efficacy, technological direction, deployment methods and operational utility of various systems and technologies in use and being deployed. The assessment shall include a report, documentation references and recommendations, where applicable.

The assessment shall consider technical issues. This shall include the implications of historical legacy system platforms, the evolution of respective technologies, infrastructure requirements and the expected reasonable useful life and sustainability of systems. The assessment shall present and analyze the viability of the technological deployments already made and in progress, including consideration of evolving standards, technological maturity, flexibility, long term maintenance, replacement issues and staffing implications. The assessment shall provide a comparative analysis of systems being used and deployed within District 1 with those being implemented elsewhere by other agencies nationally and within the state. The Assessment shall consider the interfaces among systems and with other districts and outside agencies, considering the developing regional and statewide ITS architectures.

The assessment shall consider the context for ITS deployment. This shall include but not be limited to construction, operational & maintenance costs, integration & standardization as well as deployment risk with evolving technologies. It shall consider the implications of various governmental regulations and policies, plus the effects of available funding and procurement methods relative to ITS systems. It shall evaluate the methods used to deploy ITS systems within the highway construction program. It shall address the implications of District 1 multi-site operations and organizational structure on the design, maintenance and operation of systems and it shall address where design and operational consistencies can be enhanced.

The assessment shall address the operational utility and effectiveness of systems. This shall include an examination of operational protocols and policies and the examination the implications of systems on Departmental staffing and structure. The assessment shall also consider the implications of systems on cross-agency integration and regional operations as well as the delivery of useful information to the public.

Statewide implications shall also be considered. In addition a District 1 focus, the Consultant shall include a similar comparative assessment of systems in the other IDOT districts and the IDOT central office in Springfield. This comparative assessment shall identify differences with similar deployments in District 1 and associated differences in resources and needs. In addition, it shall identify existing or needed additional standards-based compatibilities and integration opportunities based upon the formal statewide ITS architecture now being completed.

ITS systems to be addressed include closed-loop traffic signal systems, traffic detection, ramp metering, dynamic message signing, closed circuit television (CCTV) monitoring, highway advisory radio, supervisory control and data acquisition (SCADA) systems, internet traveler information systems, and other Intelligent Transportation System (ITS) applications of technology currently in operation or being deployed within the District.

The work will include, but not be limited to site inspections, interviews with staff from the District 1 Bureaus of Traffic and Electrical Operations, the Statewide ITS Office and staff from other districts; study of available resources related to District systems; literature search and inquiries with other agencies in other representative locales; and the assembly of documentation to support technology comparisons and recommendations. The Consultant shall provide a written report, with exhibits, to document and clarify the study and any included recommendations.

The completion date for this contract will be 4 months after authorization to proceed.

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

- The person who will assume the duties as Project Manager for all aspects of the work. This person is expected to be the lead engineer for the project and is to be actively engaged in the work. This person must be an Illinois Licensed Professional Engineer.

- The person who will perform the work in the area of traffic signals, traffic detection, ramp metering and associated systems. This person must be an Illinois Licensed Professional Engineer and have not less than 10 years of diverse experience in varied system environments and a PTOE certification is highly desirable.

- The person who will perform the work in the area of CCTV and associated video distribution. This person must have demonstrable current and ongoing experience with a variety of video transmission and distribution techniques.

- The person who will perform the work relative to wireless communications systems and subsystems. This person must have demonstrable current experience with low-power Traveler Information radio systems and associated FCC requirements. An FCC Amateur Radio license or higher is desirable.

- The person who will perform the work in the area of electrical and fiber optic systems. This person must be an Illinois Licensed Professional Engineer with education and experience in the electrical engineering discipline, with not less than 10 years of background in electrical construction for public works. Formal communications design certification, such as those for a Registered Communications Distribution Designer (RCDD) as issued by BICSI is highly desirable.

- The person who will perform the work in the area of digital network communications. This person must have demonstrable knowledge of a variety of communications technologies and experience in the deployment of such systems for ITS applications. Qualifications that include formal vendor certification from one or more manufacturers of enterprise level digital networking system equipment is highly desirable.

- Other persons to be assigned key roles in the project. The statement of interest must identify the envisioned task and the credentials of other persons involved in developing

the content of the report. Operations experience is desirable among all persons involved in the project.

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

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

Special Plans (Traffic Signals)
Special Services (Electrical Engineering)
Special Studies (Feasibility Studies)

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.

Statements of Interest for Item 25 must be received by the Bureau of Design and Environment prior to 4:30 p.m. local time, September 1, 2005. Statements of Interest received after this time will NOT be considered.

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	Actual Cost
2-way radio	Actual Cost
Vehicles (Only for Vehicles assigned to project)	$36 /day- District 1
DAILY RATE ONLY	$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) x direct labor] + 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.state.il.us/dobuisns.html

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

NOTICE
Consultant Performance Evaluations

Policy for engineering consultant firms performing less than satisfactory on Final Evaluations.

Final Evaluation	Action	Duration
Receives 1 **needs improvement** in a prequalification category	Suspended from submitting a Statement of Interest requiring the evaluated category* (and any higher level category in the same work type)***	1-year
Receives 1 **poor** in a prequalification category	Suspended from submitting a Statement of Interest requiring the evaluated category* (and any higher level category in the same work type)***	5-years

A consultant firm receiving two less than satisfactory final evaluations in the same category in a 5 year period will also lose prequalification.

Final Evaluation	Action	Duration
Receives 2 **needs improvement** in a prequalification category	Loss of prequalification in that category.	1-year
Receives 2 **poor** in a prequalification category	In addition to the loss of prequalification in that category for 1 year. Suspended from submitting a Statement of Interest requiring the evaluated category.* (and any higher level category in the same work type)*** From date of second offense.	5-years

*This also includes subconsultant work.

*** For example: If the final evaluation is poor in Structures (Highway: Simple), the firm will be suspended from submitting Statements of Interest for all structure categories. If the poor final evaluation is in Structures (Highway:Typical), the firm would not be suspended from submitting for Structures (Highway: Simple).

NOTICE
CONSULTANT PREQUALIFICATION SUBMITTAL TIMES

Effective January 1, 2004, firms currently prequalified will be required to submit the entire Statement of Experience and Financial Condition every 3rd year instead of the current 2 year schedule.

Consultant firms will still be 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:	2005 Submittal	2006 Submittal	2007 Submittal
A through E	Corp. & Financial	Corp. & Financial	Entire SEFC
F through N	Entire SEFC	Corp. & Financial	Corp. & Financial
O through Z	Corp. & Financial	Entire SEFC	Corp. & Financial

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

"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.

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 me at or Carrie Kowalski at
KOWALSKICL@dot.il.gov

Signature Certification for Electronic Submittal

Signature Certification For Electronic Submittals

I certify that my electronically scanned-in signature appearing in future electronic Statements of Interest and associated documents submitted by our firm is authorized to be affixed by the person doing so and will be binding on the firm.

_____ _____ _____

(Firm) (Signature) (Title)

STATE OF _____

COUNTY OF _____ I, _____

a Notary Public in and for the County and State aforesaid, DO HEREBY CERTIFY that

_____

known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (he/she) signed, sealed and delivered the said instrument as a free and voluntary act, for the uses and purposes therein set forth.

GIVEN under my hand and Notary Seal this _____ day of _____A.D. _____.

_____

NOTARY PUBLIC

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

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

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

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

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

NOTICE FOR JOINT VENTURE

Statements submitted by Joint Ventures will be considered. The Joint Venture, Agreement signed by all parties, must be included with the statement of interest. The Joint Venture entity will have the sum of the individual firm's prequalification, capacity and evaluation history.

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 :
Location Drainage

*Name Mr. John Smith (ABC Engineering Assoc.)

Category PE (PE, SE, LS)
Registration # 62012345
Year Registered 1995 State IL
Office Location:
City Chicago State IL

A firm planning to submit a Statements of Interest as a joint venture should contact the department for a new Statements of Interest Code. E-mail Carrie Kowalski at kowalskicl@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 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 Testing / Complex Consultants

This notice is important for consultants who are, or wish to be, prequalified in the Quality Assurance (QA) Testing 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.state.il.us

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

All IDOT required Consultant forms have been revised and are now available on the internet (http://www.dot.il.gov/desenv/consult.html).

These forms are required for all submissions to the department occurring on and after October 1, 2004. If you have any questions please call Cheryl Cathey at (217) 782-7557.

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

TRAINING ANNOUNCEMENT

IDOT AND PROFESSIONAL ENGINEERING ORGANIZATION'S PARTNERSHIP For TECHNICAL TRAINING

The Illinois Department of Transportation will be initiating a pilot technical training partnership with the various professional engineering organizations during this training year. The Department's Program Development Technical Training classes will 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 3 highly specialized classes presented by the University of Illinois and Northwestern University.

The professional engineering organizations will be able to select one or two classes to partner with the Department from the PD Training Schedule for Fiscal Year 05. The classes selected by the professional organization will be approved by the Department and the PD Steering Committee. To receive a copy of the partnership guidelines, PD class descriptions and the training schedule, please contact one of the IDOT employees listed below. You can also contact your professional organization to see if they will be partnering with the Department

The Department hopes that the training partnership will help train the professional engineering organizations in gaining a better understanding of the policies and procedures in all areas of Phase I & II and to help in creating a network of communication and the sharing of engineering knowledge. The partnership program will also help the professional engineers earn PDH's for renewal of their license.

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

NOTICE OF TRAINING OPPORTUNITY

LAKELAND COLLEGE TRAINING COURSES

Lakeland College will be conducting QC/QA Training again this year. Please visit the web-site for further information. Information or schedules can also be obtained by contacting Marlene Browning.

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

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:
http://www.nhi.fhwa.dot.gov/default.asp