Professional Transportation Bulletin

PTB 126

December 19, 2002

Revision Date: December 24, 2002

Statements of Interest are due by 4:30 p.m.
on Thursday, January 9, 2003
Selection Date: March 5, 2003

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

IMPORTANT NOTICE:
PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: March 5, 2003

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: **December 24, 2002**

Item 19: Modified to allow subcontracting of Special Services (Land Surveys)

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.state.il.us**.**

Professional Transportation Bulletin

TIPS & TOOLS

QUESTIONS CONCERNING FILE DOWNLOADS AND/OR SUBSCRIPTION SERVICE INFORMATION SHOULD BE DIRECTED TO:

Roseanne Nance at: nancer@nt.dot.state.il.us.

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:

Cheryl Cathey or E-mail Catheycl**@nt.dot.state.il.us**
2300 South Dirksen Parkway
Room 330
Springfield, IL 62764

TIPS & TOOLS

To save this document:
Close document (select File from menu then Close)
Once in the original e-mail RIGHT mouse click on PDF file to display your options. Choose Save As.

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.

New Tentative Schedule
For Future
Professional Transportation Bulletins

ACTIVITY	PTB 127	PTB 128	PTB 129	PTB 130
PUBLISH PTB	**13-Mar-03**	**29-May-03**	**21-Aug-03**	**06-Nov-03**
STATEMENTS OF INTEREST ARE DUE	27-Mar-03	12-Jun-03	04-Sep-03	20-Nov-03
SELECTION MEETING	**21-May-03**	**13-Aug-03**	**29-Oct-03**	**21-Jan-04**

NEW NOTICE
CHANGE IN DBE PARTICIPATION REQUIREMENTS

Certified DBE firms acting as primes are no longer required to subcontract services to another certified DBE firm to meet the DBE participation requirements. On October 22, 2002, the department's Bureau of Small Business Enterprises revised their policy to recognize that when a DBE certified firm is selected as the prime consultant on a project requiring DBE participation, the DBE prime consultant will be considered to have met the DBE participation requirement.

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.state.il.us/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
OF
CHANGES IN PREQUALIFICATION CATEGORIES

The existing prequalification categories; Quality Assurance Testing Typical, Quality Assurance Testing Complex, Bituminous Mix Designs Typical and Bituminous Mix Designs Complex have been revised.

Effective January 1, 2003, there will be one category for **Quality Assurance Testing** and one category for **Bituminous Mix Designs**. The revised descriptions and minimum requirements for these categories follows:

13. Quality Assurance Testing

a. Services

Services include preparing for approval, a quality assurance plan following the "Quality Assurance/Quality Control Guidelines for Work by Consulting Engineers" and managing the Quality Assurance (QA) requirements for Hot Mix Asphalt (HMA) and Portland Cement Concrete (PCC) QC/QA projects according to the Standard Specifications for Road and Bridge Construction and any applicable contract special provisions.

Services also include coordination of QA activities with the Contractor and the Engineer, QA field and lab tests, inspection of the Contractor's QC activities, reporting of results and investigations of tests when required by the contract.

b. Personnel

Minimum personnel requirements include a qualified project manager who shall be an Illinois Licensed Professional Engineer and who shall manage the required QA activities and tests. Qualified personnel must have successfully completed the Department's QC/QA and Specific Task classes specified in the SEFC Specialty Questionnaire.

c. Laboratory and Equipment

The consultant shall have an IDOT approved PCC and HMA QC laboratory as defined in the current Bureau of Materials and Physical Research Policy Memorandum, "Minimum Private Laboratory Requirements for Construction Materials Testing or Mix Design."

For any project advertised after January 1, 2003, the laboratory shall be accredited according to the AASHTO Accreditation Program (AAP) for procedures specified in the BMPR Policy.
The consultant shall also have IDOT-approved testing equipment for PCC and HMA field tests (PCC air, slump, making strength specimens, sampling, temperature - HMA density, temperature, compaction monitoring).

14. Bituminous Mix Designs

a. Services

Services include performing Hot Mix Asphalt (HMA) mix designs and / or mix design verification on an on-call basis for the Department. All work shall be according to the project specifications, the Manual of Test Procedures for Materials, and the QC/QA Level III Mix Design class.

Projects may include Superpave designs, SMA designs, high friction surfaces such as Mix E and F designs, and forensic mix evaluations.

b. Staff Requirements

Project Manager – An Illinois Licensed Professional Engineer with demonstrated experience in project and materials management.

Project Mix Designer – (May be the Project Manager) – The mix designer must have successfully completed the QC/QA Level III mix design course, and the Superpave Upgrade Class (if the original class preceded the inclusion of Superpave). Five year's experience is recommended.

Lab Technicians (minimum 2) – Personnel directly in charge of sampling and testing should have a minimum of 3 years of relevant experience in bituminous mix designs.

c. Laboratory Requirements

The Consultant must have an HMA laboratory that conforms to the requirements of the current Bureau of Materials and Physical Research Policy Memorandum, "Minimum Private Laboratory Requirements for Construction Material Testing or Mix Design." The lab shall be approved by IDOT for all tests indicated under "HMA Design."

In order to remain prequalified in either of the categories the completion of the appropriate questionnaire(s) is required. Please submit to:

Illinois Department of Transportation
Bureau of Design and Environment
Attn: Chief of Preliminary Engineering
Consultant Services Unit
2300 South Dirksen Parkway, Room 330
Springfield, Illinois 62764

If you have any questions regarding the new categories please contact Fred Garrott at:
GarrottFC@nt.dot.state.il.us

QUESTIONNAIRE FOR QUALITY ASSURANCE TESTING CONSULTANTS

1. **Firm Experience.** Describe projects that illustrate the firms materials management and testing capability. Include specific quality assurance responsibility and testing performed.

2. **Project Manager.** Identify the individual(s) who will be responsible for supervising the project, field testing, and laboratory testing. Provide:

   a) Educational background, including IDOT QC/QA classes.
   b) Documentation of Illinois licensing as a Professional Engineer
   c) Experience in contract administration and materials testing

3. **Quality Assurance Technicians.** Include resumes for the senior technicians who will perform field and laboratory testing. Provide resumes for the minimum number of technicians who have successfully completed the following IDOT classes:

   a) QC/QA - PCC Concrete Testing, Level I and II (Minimum 2 technicians)
   b) QC/QA – HMA Testing, Level I and II (Minimum 2 technicians)
   c) QC/QA - HMA Level III class, including Superpave mix design.
   d) Specific Task - Construction Documentation (Minimum 1 technician)
   e) Specific Task - Soils Density (Minimum 1 technician)

   The resumes should include:

   a) Location of office to which individual is assigned (if consultant has more than one office location)
   b) Formal education
   c) Experience in materials testing and mix design.
   d) Date of completion of IDOT QC/QA classes in Portland Cement Concrete (PCC) and/or Hot-Mix Asphalt (HMA).
   e) Date of completion of IDOT soils density class, S-33.
   f) Date of completion of Construction Documentation Training Course.

3. **HMA Reporting.** Confirm that your firm is capable of generating reports on the Department's HMA mix design and plant reporting software (CARE-AC).

4. **Field Testing Equipment.** Document ownership of field testing equipment, including soil density; PCC air, slump, making strength specimens, sampling, and temperature; HMA field density, temperature, and compaction monitoring.

QUESTIONNAIRE FOR QUALITY ASSURANCE TESTING CONSULTANTS

6. **Laboratory.** Provide copies of AASHTO Accreditation (AAP) certificates and most recent proficiency sample results. The required tests are included in the Bureau of Materials and Physical Research Policy Memo, “Minimum Private Laboratory Requirements for Construction Materials Testing or Mix Design.”

   Participation is required in the following proficiency sample programs:
   a) CCRL Concrete Proficiency Sample Program
   b) AMRL Aggregate Proficiency Sample Program
   c) AMRL Hot Mix Asphalt Gyratory Proficiency Sample Program
   d) AMRL Hot Mix Asphalt Design Proficiency Sample Program
   e) AMRL Hot Mix Asphalt Ignition Proficiency Sample Program.

   Provide an explanation for any tests or proficiency sample programs that are not included.

QUESTIONNAIRE FOR BITUMINOUS MIX DESIGN CONSULTANTS

1. **Firm Experience.** Describe projects that illustrate the firm's mix design experience and capability. A sample of past mix designs and/or verifications may be requested.

2. **Project Manager.** Identify the individual(s) who will be responsible for supervising and coordinating the project. Provide:

   a) Educational background, including QC/QA classes.
   b) Documentation of Illinois licensing as a Professional Engineer.
   c) Experience in contract administration and materials management.

3. **Project Mix Designer.** (May be the Project Manager) – Identify the individual who will be the principal mix designer. Provide:

   a) Formal educational background
   b) Documentation of completion of the Department's QC/QA Level III HMA Mix Design class, including the Superpave module.
   c) Documentation of experience in HMA mix design (Five year's experience is recommended).

4. **Laboratory Technicians (Minimum 2 positions).** The individual(s) who will assist the Design Technician in developing bituminous mix designs. Provide for each:

   a) Formal Educational background
   b) Documentation of completed QC/QA HMA classes.
   c) Experience in bituminous mix design (Three year's experience is recommended).

5. **Laboratory.** The consultant must have an IDOT approved laboratory that conforms to the requirements of the current Bureau of Materials and Physical Research Policy Memorandum, "Minimum Private Laboratory Requirements for Construction Material Testing or Mix Design." The lab shall be approved by IDOT for all tests indicated under "HMA Design." Provide copies of the most recent IDOT lab inspection reports.

6. **AMRL (Optional).** If the lab participates in an AASHTO Materials Reference Lab program (inspection, accreditation, or proficiency samples), provide copies of the most recent reports.

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@nt.dot.state.il.us.

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)
  (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)

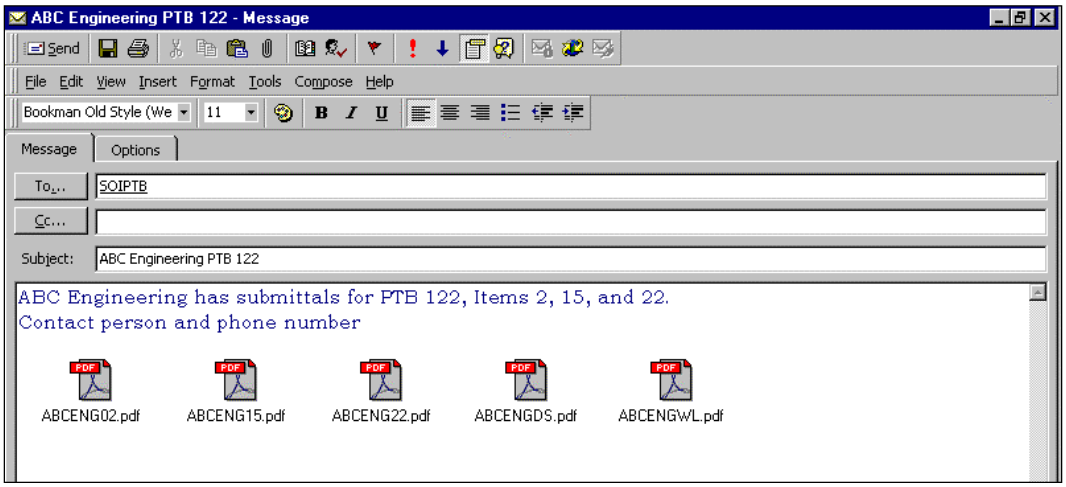
  2) For your firm's Current Obligation Form, use your 2-6 character Firm Name Code, followed by WL.

     (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. 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.state.il.us/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@nt.dot.state.il.us .

If you have questions about the use of the Adobe Acrobat software, please contact Brooke Harmony at HARMONYBD@nt.dot.state.il.us.

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #126
December 19, 2002

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 submitted by **JOINT VENTURES WILL NOT BE CONSIDERED. STATEMENTS MUST BE RECEIVED BY THE BUREAU OF DESIGN AND ENVIRONMENT AND THE APPROPRIATE DISTRICT ENGINEER OR BUREAU CHIEF PRIOR TO 4:30 P.M. LOCAL TIME, January 9, 2003. 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, and Firm Name. No additional information is required on the cover.

2) A Table of Contents with page numbers, identifying the approach, exhibits, resumes, etc.

3) No color graphics/photographs should be included in the submittal.

4) A brief statement of the firm's interest in performing the work. (Begin on Page 2 of SOI and should not be longer than 2 pages)

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.

Guidelines for Submitting Statements of Interest (SOI)

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**.

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.state.il.us/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

District copies should be addressed as follows:

Mr. John P. Kos
District 1
201 West Center Court
Schaumburg, IL 60196

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

Ms. Diane O'Keefe
District 3
700 East Norris Drive
P.O. Box 697
Ottawa, IL 61350

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

Mr. David Clark
District 5
Route 133 West
P.O. Box 610
Paris, IL 61944

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

Mr. Stan Grabski
District 7
400 West Wabash
Effingham, IL 62401

Mr. Victor Modeer
District 8
1102 Eastport Plaza Drive
Collinsville, IL 62234

Mr. Thomas Zerrusen
District 9
State Transportation Building
P.O. Box 100
Carbondale, IL 62903

To verify that the Department has received your Statements of Interest you may call (217)785-4784 after 3:30 p.m. January 9, 2003.

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13.	LIVINGSTON	Prepare Location Design Report and plans, special provisions, and estimates for the resurfacing of IL 47 from IL 116 to US 24 and the replacement of the structure over the Vermillion River.
14.	MCLEAN, FORD, KANKAKEE, LASALLE	Prepare plans, special provisions, and estimates for the replacement of 4 structures.
15.	VARIOUS	Perform surveys for various projects on a work order basis.
DISTRICT 4		
16.	VARIOUS	Perform Phase I/II work for various projects on a work order basis.
DISTRICT 5		
17.	VARIOUS	Perform Phase I/II work for various projects on a work order basis.
DISTRICT 6		
18.	VARIOUS	Perform surveys for various projects on a work order basis.
DISTRICT 7		
19.	VARIOUS	Perform Phase II work for various projects on a work order basis.
Bureau Design and Environment		
20.	VARIOUS	Perform noise analyses statewide.
21.	VARIOUS	Acquire vertical aerial photography, prepare topographic mapping and produce digital othophoto negatives for various projects in southern Illinois
Bureau of Bridges and Structures		
22.	VARIOUS	Perform structural steel shop fabrication inspections.

1. **Job No. D-91-358-02, FAU 2843, Dixie Highway over Butterfield Creek, Cook County, District One.**

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 10, 2003** at **9:00 A.M.** at the District One Office in **Schaumburg.**

Phase II engineering services are required for the replacement of the structure carrying Dixie Highway over Butterfield Creek. The structure is a simple two span, reinforced concrete slab bridge on reinforced concrete closed-type abutments with reinforced concrete wingwalls and a solid reinforced concrete pier. The profile grade will be raised approximately 5.5 feet. Retaining walls need to be constructed at all four corners. The channel will be reshaped. The existing roadway will be reconstructed and/or milled and resurfaced for approximately 500 feet each side of the approach pavements to meet the existing roadway profile. Traffic will be maintained using stage construction. All work for this project will be in English units.

The following structure is included in this project, SN 016-0775 (Dixie Highway over Butterfield Creek). The existing bridge deck consists of 17" +/- thick cast in place reinforced concrete slab that has a 3-1/2" bituminous overlay. The structure length is 56 feet back to back of abutments and 56 feet wide out to out of deck. The proposed scope of work is to remove the existing structure and replace it with a 3-span continuous beams on pile bent abutments and piers, approximately 181 feet in length, and 66 foot clear roadway width with 7 foot sidewalks on each side

The department will furnish the Consultant with the design report, available microfilm, surveys and pavement designs.

The estimated construction cost for this project is $2,200,000. The Consultant's work includes the preparation of contract plans, special provisions and estimate, including survey, structure borings and analysis, TS&L and structure plans, retaining wall plans, traffic staging plans and all other work required to complete the project. This work must be completed by September 30, 2004.

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

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

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

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

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

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

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

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

Firms must also be prequalified in **Special Services (Route Surveys)** (or subcontract the Route Surveying work to a firm that is prequalified in this category).

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@nt.dot.state.il.us. Additionally, a hard copy of the Acrobat.pdf attachment, containing Exhibit A with resumes, must be submitted to the District Engineer in District One.

2. **Job No. D-91-351-02, FAP 336, IL 31 @ IL 176 and at Terra Cotta Road, McHenry County, District One.**

This project requires 15.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 11, 2003, at 10:00 A.M**. at the District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of contract plans, estimates and special provisions for the reconstruction of the existing intersection of IL 31 and IL 176. The existing intersection is a five-legged intersection. The proposed intersection design will eliminate Terra Cotta Road by constructing a cul-de-sac. IL 176 will be reconstructed on a horizontal curve through the intersection to provide dual left turns and two through lanes separated by a barrier median or painted median and contain right turn lanes. IL 31 will be reconstructed to provide two lanes in each direction with right turn lanes and a left turn lane separated by a painted median. The total length of reconstruction is approximately 0.7 mile along IL 176 and 0.8 mile along IL 31. All work for this project will be in English units.

The department will furnish the Consultant with the Project Report, available microfilm plans, pavement design, traffic signal plans, aerial photography, previously performed aerial mapping and surveys and any other available information.

The estimated construction cost for this project is $5,000,000. The Consultant's work includes the preparation of contract plans, special provisions and estimates including highway drainage design, geotechnical roadway borings and analysis, survey, erosion control plans and all other work required to complete the project. This work must be completed by September 30, 2004.

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

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

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

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).

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

Firms must be prequalified in **Highways (Roads & Streets)** to be considered for this project.

Firms must also be prequalified in **Special Services (Route Surveys)** (or subcontract the Route Surveying work to a firm that is prequalified in this category).

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@nt.dot.state.il.us. Additionally, a hard copy of the Acrobat.pdf attachment, containing Exhibit A with resumes, must be submitted to the District Engineer in District One.

3. **Job No. D-91-356-02, IL 43 (FAP 348), Over I-94 Spur, Cook County, District One.**

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 10, 2003** at **2:30 P.M.** at the District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of contract plans, specifications, and estimates for the replacement of the bridge deck carrying IL 43 (Waukegan Avenue) over I-94 Spur in unincorporated Cook County Northfield Township. The proposed roadway cross-section will provide 2-12 ft. lanes in each direction and a concrete barrier median, 16 ft. wide. The approach roadway will be resurfaced for a distance of 140 ft. on the south side of the bridge, and 280 ft. on the north side of the bridge. All work for this project will be in English units.

The following structure is included in this project, S.N. 016-0305 – The scope of work will consist of the removal and replacement of the bridge deck, approach slabs and pavement, the aluminum handrail, the reconstruction of abutment backwalls, the replacement of the bearings, repair and seal the beam ends and substructure, the replacement of the deck drains, the rehabilitation of the slopes under the approach spans, and the rehabilitation of a retaining wall. The profile will be slightly improved.

The department will furnish the Consultant with the BCSA, BCR, available microfilm, survey as available, and pavement designs.

The estimated construction cost for this project is $1,900,000. The Consultant's work includes the preparation of contract plans, special provisions, and estimates including TS&L and structure plans. This work must be completed by September 30, 2004.

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

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

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

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

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

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

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

Firms must also be prequalified in **Special Services (Route Surveys)** (or subcontract the Route Surveying work to a firm that is prequalified in this category).

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@nt.dot.state.il.us. Additionally, a hard copy of the Acrobat.pdf attachment, containing Exhibit A with resumes, must be submitted to the District Engineer in District One.

4. **Job No. P-91-290-02, Districtwide Drainage Engineering for Various Routes, Various Counties, District One.**

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 12, 2003** at **10:30 a.m.** at the District One Office in **Schaumburg.**

Phase I engineering services are required for preparing drainage studies and hydraulic reports for various locations in District One. Typically, the studies and reports will be completed in conjunction with Project Reports prepared by the Project and Environmental Studies Section. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

All work for these projects will be in English units.

The department will furnish the consultant with historical highway plans, aerial mosaics, ground surveys, hydraulic stream surveys, contour mapping, information on known drainage problems, flood insurance studies, and floodplain maps, if available.

The Consultant's work includes data collection, roadway survey, stream survey, survey note reductions/plotting, drainage investigations, determination of drainage systems and patterns, field verifications, storm sewer televising, drainage system design, presentations and coordination with local agencies, bridge scour evaluation, development of Waterway Information Tables, hydrologic/hydraulic analyses, hydraulic reports with supporting computations presented in the study/report format as appropriate, and preparation of Location Drainage Studies in accordance with the District requirements. This work must be completed within 36 months after authorization to proceed.

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

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Studies and Hydraulic Reports (must be an Illinois Licensed Professional Engineer with a minimum of five (5) years experience dealing with highway related drainage problems).

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the drainage engineering document (must be an Illinois Licensed Professional Engineer).

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

The use of hydraulic and hydrologic computer programs that are currently accepted by the Division of Highway is also required to perform drainage assignments. Resumes of drainage engineers must meticulously state hydraulic and hydrologic modeling experience.

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

Special Studies: Location Drainage
Hydraulic Reports: Waterways 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@nt.dot.state.il.us.

5. **Job No. D-91-347-02, Districtwide Land Surveys, Various Locations, Various County, District One.**

This project requires 15% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 10, 2003** at **10:30 A.M.** at the District One Office in **Schaumburg.**

Phase II engineering services are required for Phase II Land Surveying Services are required under a blanket agreement to furnish professional land surveying services, field and office assistance for surveys, preparation of statutory plats of highway and legal descriptions, surveying to reference highway centerline to public land lines and land surveying to established and monument boundaries of proposed right-of-way for up to 20 parcels on a given project at various locations in the District area. 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 plans, proposed right of way requirements, as each work order is negotiated. The agreement with the Consultant will have an option for renewal by the department for an additional twelve months.

The Consultant's work includes surveying to reference the highway centerline to public land lines, surveying to locate boundaries, preparation of statutory Plats of Highway, preparation of legal descriptions, and the staking of proposed right-of-way. Each work order must be completed within 90 days after authorization to proceed. This work must be completed within 24 months after authorization to proceed.

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

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

6. **Job No. P-91-341-02, Various Bridge Improvements, Various Locations, Various Counties, District One.**

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 11, 2003** at **1:00 p.m.** at the District One Office in **Schaumburg.**

Phase I engineering services are required under a blanket agreement to perform all work associated with the preparation of Categorical Exclusion Project Reports, including drainage studies and hydraulic reports for various bridge improvements in District One. Potential scope of work elements will likely include bridge rehabilitation or reconstruction, with possible improvements to vertical and horizontal geometry to address design and hydraulic deficiencies, as appropriate. 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 microfilm plans as available; information on known drainage problems; existing and projected traffic volumes; ground and stream surveys; accident data; utility coordination and correspondence; right-of-way data as available; clearinghouse reviews; archaeological, historical and architectural coordination and correspondence; biological survey coordination; and special waste survey coordination.

The Consultant's work may include data collection, preparation of base maps and mosaics; accident analyses, possible supplemental surveys; geometric studies; Bridge Inspection (including asbestos determinations as appropriate) and Bridge Condition Reports; determination of proposed right-of-way; traffic maintenance analyses; Preparation of Categorical Exclusion Project Reports, Location Drainage Study (including drainage investigations; determination of drainage systems and patterns; field verifications; possible storm sewer televising; drainage system design; coordination activities; bridge scour evaluation; development of waterway information tables; hydrologic/hydraulic analyses; and Hydraulic Reports with supporting computations presented in the appropriate format); possible air quality analysis; detailed construction cost estimates; public involvement; and any other work as determined necessary by the department to complete Phase I engineering. This work must be completed within 18 months after authorization to proceed.

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

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

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Studies, Hydraulic Studies and Hydraulic Reports (must be an Illinois Licensed Professional Engineer with a minimum of five years experience dealing with highway drainage). Use of hydraulic and hydrologic computer programs that are currently accepted by the

Division of Highways is also required to perform drainage assignments. Resumes of drainage engineers must meticulously state hydraulic and hydrologic modeling experience.

- 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, and the individual in charge of the QA/QC review work (must be an Illinois Licensed Professional Engineer).

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

Location/Design Studies (Rehabilitation)
Structures (Highway: Typical)
Special Studies (Location Drainage)
Hydraulic Reports (Waterways: Complex)

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@nt.dot.state.il.us.

7. **Job No. C-92-032-03, Various, Phase III Work for Various Projects, Various Counties, District Two.**

This project requires 10.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 19, 2003** from **10:30 A.M.** to approximately **4:00 P.M.** at the District Two Office in **Dixon.**

Phase III Construction Engineering services are required to provide construction inspection for work on various projects in District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

All work for this project may be in either English or metric units.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete these projects. The project includes 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 plans and specifications.

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

The various proposed projects may consist of, but are not limited to, patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment and/or new roadway projects.

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

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

The various projects are scheduled for construction during Calendar years 2003, 2004, and 2005 construction seasons.

The estimated construction cost for this project is $5,000,000.

This work will be completed within 30 months after authorization to proceed.

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

- The Liaison Engineer.
- The Materials Coordinator.
- The Document Technician. (The person actively performing documentation on the project must possess a current IDOT Construction Documentation certificate.)
- The Materials QA Technician.
- The Survey Chief.

Firms must be prequalified in **Construction Inspection** to be considered for this project. All subconsultant staff must be prequalified in **Construction Inspection** or **Quality Assurance Testing**, depending on assignment.

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@nt.dot.state.il.us

8. **Job No. C-92-033-03, Various, Phase III Work for Various Projects, Various Counties, District Two.**

This project requires 10.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 20, 2003** from **10:30 A.M.** to approximately **4:00 P.M.** at the District Two Office in **Dixon.**

Phase III Construction Engineering services are required to provide construction inspection for work on various projects in District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

All work for this project may be in either English or metric units.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete these projects. The project includes 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 plans and specifications.

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

The various proposed projects may consist of, but are not limited to, patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment and/or new roadway projects.

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

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

The various projects are scheduled for construction during Calendar years 2003, 2004, and 2005 construction seasons.

The estimated construction cost for this project is $5,000,000.

This work will be completed within 30 months after authorization to proceed.

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

- The Liaison Engineer.

- The Materials Coordinator.
- The Document Technician. (The person actively performing documentation on the project must possess a current IDOT Construction Documentation certificate.)
- The Materials QA Technician.
- The Survey Chief.

Firms must be prequalified in **Construction Inspection** to be considered for this project. All subconsultant staff must be prequalified in **Construction Inspection** or **Quality Assurance Testing**, depending on assignment.

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@nt.dot.state.il.us

9. **Job No. C-92-034-03, Various, Phase III Work for Various Projects, Various Counties, District Two.**

This project requires 10.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 21, 2003** from **10:30 A.M.** to approximately **4:00 P.M.** at the District Two Office in **Dixon.**

Phase III Construction Engineering services are required to provide construction inspection for work on various projects in District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

All work for this project may be in either English or metric units.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete these projects. The project includes 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 plans and specifications.

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

The various proposed projects may consist of, but are not limited to, patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment and/or new roadway projects.

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

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

The various projects are scheduled for construction during Calendar years 2003, 2004, 2005 construction seasons.

The estimated construction cost for this project is $5,000,000.

This work will be completed within 30 months after authorization to proceed.

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

- The Liaison Engineer.

- The Materials Coordinator.
- The Document Technician. (The person actively performing documentation on the project must possess a current IDOT Construction Documentation certificate.)
- The Materials QA Technician.
- The Survey Chief.

Firms must be prequalified in **Construction Inspection** to be considered for this project. All subconsultant staff must be prequalified in **Construction Inspection** or **Quality Assurance Testing**, depending on assignment.

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@nt.dot.state.il.us

10. **Job No. C-92-035-03, Phase III Work for FAU-5822 (Milan Beltway), FA-595 (52nd Ave.), & FAU 5788 (Airport Rd.), Rock Island County, District Two.**

This project requires 10% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 13, 2003** from **10:30 A.M.** to approximately **4:00 P.M.** at the District Two Office in **Dixon.**

Phase III Construction Engineering services are required to provide construction inspection for the new construction of the Milan Beltway Extension that links the Milan Beltway on the south side of the Rock River and the John Deere Expressway on the north side with proposed interchanges at Airport Road and 52nd Ave., in Rock Island County.

All work for this project may be in either English or metric units.

The Consultant will provide sufficient staff to perform all of the engineering services required to complete these projects. The project includes 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 plans and specifications.

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

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

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

This project is scheduled for construction during the calendar years of 2003, 2004, 2005 and 2006.

The estimated construction cost for this project is $36,600,000. This work will be completed within 30 months after authorization to proceed.

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

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

- 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.)

- The Materials QA Technician.

- The Survey Chief.

Firms must be prequalified in **Construction Inspection** to be considered for this project. All subconsultant staff must be prequalified in **Construction Inspection** or **Quality Assurance Testing**, depending on assignment.

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@nt.dot.state.il.us

11. Job No. P-93-009-03, Phase I and/or II Work for Various Projects 2003-2, Various Counties, District Three.

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

The Consultant who is selected for this project is scheduled to attend a scope of services meeting on **March 11, 2003** 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 in District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in English or metric units.

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

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

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

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

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

The completion date for this contract will be 24 months after authorization to proceed. The department, at its discretion, may exercise the option to renew this contract.

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

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

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

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

- The person who will be in charge of route surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed 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:

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

Firms must also be prequalified in **Special Services (Route Surveys)** (or subcontract the Route Surveying work to a firm that is prequalified in this category).

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

12. Job No. P-93-066-02, US 34 (FAP 591), From IL 47 to Orchard Road West of Oswego, Kendall County, District Three

This project requires 10.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend a negotiation meeting on **March 11, 2003** at **2:00 P.M.** at the District Three Office in **Ottawa**.

Phase I and Phase II engineering services are required. Phase I includes the preparation of a Combined Location/Design Report and Environmental Class of Action Determination (ECAD) for the improvement of US 34 from Illinois 47 to Orchard Road. All work for this project will be in English units.

The anticipated scope of work is pavement rehabilitation or reconstruction of the roadway to provide two travel lanes in each direction throughout the entire length of the project with a bi-directional turn lane. An urban cross section shall be pursued; therefore, storm water collection and management will need to be evaluated.

Phase II will be negotiated for the preparation of preliminary and final contract plans, special provisions and estimates near the completion of Phase I.

The Phase I work includes data collection (including traffic counts); ground survey; preparation of base maps and mosaics; accident analysis; intersection design studies; traffic maintenance analysis; preparation of the Combined Design Report and ECAD Document and Record; air and noise analysis; Location Drainage Study; pavement analysis; preliminary construction cost estimates; public involvement and preparation of a public meeting record; a public hearing presentation (including exhibits) and all other related work necessary to complete Phase I.

The department will furnish any available as-built plans, microfilm plans, field notes, traffic data, aerial photography, available existing ground survey; accident statistics, agency coordination, utility coordination and correspondence, right-of-way data as available, clearinghouse reviews, archaeological, historical, biological survey, and hazardous waste survey coordination.

The estimated construction cost for the project is $10,920,000.

The completion date for Phase I will be 18 months after authorization to proceed. Phase II must be completed within 18 months after authorization to proceed with Phase II.

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

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

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

and will be responsible for all geometric studies and report preparation (must be an Illinois Licensed Professional Engineer).

- The Drainage engineer, who will be responsible for all drainage work and investigations (must be an Illinois Licensed Professional Engineer).

- The 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.

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

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

Location/Design Studies (Reconstruction/Major Rehabilitation)
Environmental Reports (Simple Environmental Assessment)
Special Studies (Location Drainage)
Highways (Roads and Streets)

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 Statement of Experience and Financial Condition.

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

13. Job No. P-93-026-98, IL 47 (FAP 326), From IL 116 at Saunemin to US 24 at Forrest, Livingston County, District Three

This project requires 10.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend a negotiation meeting on **March 13, 2003** at **10:00 A.M.** at the District Three Office in **Ottawa**.

Phase I and II engineering services are required for this project. Phase I includes the preparation of a Project Report (anticipated to be a Categorical Exclusion) for resurfacing, grading, shoulder reconstruction and one bridge replacement from IL 116 at Saunemin to US 24 at Forrest. Phase II will be negotiated for the preparation of preliminary and final contract plans, special provisions and estimates near the completion of Phase I. All work for this project will be in English units.

The project includes removal and replacement of the existing structure (SN 053-0050) over the Vermillion River, 3.63 miles south of IL 116.

The Consultant's Phase I work will include data collection, type, size and location drawings, ground surveys, traffic analysis, drainage studies, cost estimates, environmental studies, minor right of way work and all other work necessary to complete the Project Report.

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

The estimated construction cost for the project is $5,710,000.

The completion date for Phase I will be 18 months after authorization to proceed. 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 the contract documents and will be responsible for all geometric studies and report preparation (must be an Illinois Licensed Professional Engineer).

- The Drainage engineer, who will be responsible for all drainage work and investigations (must be an Illinois Licensed Professional Engineer).

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

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

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

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

Statements of Interest, including must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@nt.dot.state.il.us.

14. **Job No. D-93-009-03, I-74 (FAI 74), McLean County; Job No. D-93-010-03, IL 9 (FAP 697), Ford County; Job No. D-93-011-03, US 45/52 (FAP 330), Kankakee County; Job No. D-93-012-03, IL 71 (FAP 627), LaSalle County; District Three.**

This project requires 10.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend a negotiation meeting on **March 13, 2003** at **2:00 P.M.** at the District Three Office in **Ottawa**.

Phase II engineering services are required for the preparation of four separate sets of contract plans, specifications and estimates. All work for these projects will be in English units.

This project includes:

- Removal and replacement of the existing superstructures on S.N. 057-0133 and 057-0134 over the north fork of Salt Creek, one mile south of Leroy. The estimated construction cost is $1,200,000.

- Removal and replacement of the existing structure (S.N. 027-0069) on IL 9 over the Vermillion River, 0.7 mile east of IL 115. The estimated construction cost is $725,000.

- Removal and replacement of the existing structure (S.N. 046-0047) on US 45/52 over Rock Creek, 1.5 miles south of Manteno Road. The project will include raising the bridge profile and the approach roadway from approximately 3400-ft. north of the structure to approximately 1600-ft. south of the structure. The estimated construction cost is $1,135,000.

- Removal and replacement of the existing structure (S.N. 050-0142) on IL 71 over the Salt Wells Stream, 4.3 miles east of IL 178. The estimated construction cost is $600,000.

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

All projects must be completed within 18 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be 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: 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@nt.dot.state.il.us.

15. Job No. P-93-010-03, Land Surveys and Preparation and Review of Right-of-Way Plans 2003-2, Various Routes, Various Counties, District Three.

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

The Consultant who is selected for this project is scheduled to attend a negotiation meeting on **March 12, 2003** at **10:00 A.M.** at the District Three Office in **Ottawa.**

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 along various routes in various counties in District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for these projects will be in English or metric units.

The Consultant's work includes research, land surveys, route surveys, premise plats, descriptions, monument records and all investigation and documentation required to prepare preliminary and final right-of-way plans. The Consultant's work also includes reviewing right-of-way documents prepared by various Consultant engineering firms 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 along various routes in various counties in District Three.

The completion date for this contract will be 36 months after authorization to proceed. The department, at its discretion, may exercise the option to renew this contract.

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 must be submitted electronically to the Central Bureau of Design and Environment at the following address: SOIPTB@nt.dot.state.il.us.

16. Job No. D-94-040-03, Phase I/II Work for Various Projects, Various Counties, District Four.

This project requires 10.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend a negotiation meeting on **March 12, 2003** at **10:00 AM** at the District Four Office in **Peoria**.

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

Phase I work, if required, may consist of preparing Bridge Condition & Hydraulic Reports, conducting route & land surveys, completing geometric studies, and writing Project Reports (Categorical Exclusion projects only). Work on this project includes full hydraulic surveys and other miscellaneous survey required to complete the Hydraulic Reports. The capability and experience to perform computer hydraulic analysis using either the WSPRO or HEC-RAS program is required. Also, this work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, and other related work and exhibits to produce the Project Report, as necessary.

The Phase II engineering services required may include conducting route & land surveys, performing drainage studies, completing geometric studies, preparing bridge and/or roadway plans, creating necessary right of way documents, and any other work necessary to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of preparing contract plans for patching, resurfacing, widening, bridge repair, bridge replacement, drainage improvements, and other similar type 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 photographs, boring logs, existing Bridge Condition & Hydraulic Reports, and other information.

It is anticipated that this contract will include approximately 3-10 different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. The Department's in-house staff may complete the other portion.

The completion date for this contract will be 30 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 calculations 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 and/or land surveys (must be an Illinois Licensed Land Surveyor).

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

Hydraulic Reports (Waterways: Typical)
Location/Design Studies: Rehabilitation
Highways (Roads & Streets)
Structures (Highway: Typical)
Special Services (Route Surveys)

Firms must also be prequalified in **Special Services (Land Surveys)** or subcontract land surveying work to a firm that is prequalified in this category.

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

17. <u>Job No. P-95-004-03/D-95-018-03, Phase I and/or II Work for Various Projects, Various Counties, District Five.</u>

This project requires 10.00% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 11, 2003** at **10:00 A.M.** at the District Five Office in **Paris.**

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

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

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

The various projects may consist of simple patching and resurfacing, widening and resurfacing, new roadway projects, structure replacement, new structures, structure repair, structure rehabilitation, and/or culvert replacements.
The department will furnish the Consultant with any available Traffic Data, Bridge Condition Reports, Existing Plans, Utility Coordination, Survey Data, Microstation Files, Geopak Files, Boring Logs, Accident Data, and any other pertinent information.

It is anticipated that this contract will include approximately 4 to 10 different projects. The Consultant's work will consist of either complete projects or a portion of the total engineering work on a certain project.

The estimated construction cost of each project will range from approximately $10,000 to $1,000,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

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

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

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

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

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@nt.dot.state.il.us.

18. **Job No. R-96-005-03, Miscellaneous Surveys for Various Routes, Various Counties, District Six.**

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

The Consultant who is selected for this project is scheduled to attend a negotiation meeting on **March 7, 2003** at **10:00 A.M.** at the District Six Office in **Springfield**.

Phase I/II engineering services are required for miscellaneous surveys in various counties in District Six. The Consultant's work may include route and land surveys, plat preparation, and right-of-way plan preparation. 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 ether English or metric units.

It is anticipated this contract will include approximately eight (8) such surveys during Fiscal Years 2003-2004.

The department will direct as to how the surveys and plats will be completed.

The cost for this contract will be $100,000 and will be completed by FY 2004.

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

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

19. <u>Job No. D-97-037-02, Phase II Work for Various Projects 2003, Various Counties, District Seven.</u>

This project requires 10% DBE participation.

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

The Consultant who is selected for this project is scheduled to attend a negotiation meeting on **March 12, 2003** at **10:00 A.M.** at the District Seven Office in Effingham.

Phase II Engineering Services are required for the preparation of work on various projects in District Seven. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work will be completed in English units.

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

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

The department will furnish the Consultant with the available as-built plans, microfilm plans, field notes, existing right-of-way plans, aerial photos, boring logs and other information necessary for the consultant to accomplish his work. Also provide horizontal and vertical control points, existing construction and right-of-way plans and existing aerial photography.

It is anticipated that this contract will include approximately 3-15 different projects. The engineering sources required will consist of only a portion of the total engineering work on a certain project. The other portion will be completed by the district's in-house staff.

The estimated construction cost for this project will be $200,000 to $400,000. The contract for this project must be completed by 24 months after authorization to proceed.

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

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

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

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

Firms must be prequalified **Highways (Roads & Streets)** to be considered for this project.

Firms must also be prequalified in **Special Services (Land Surveys)** or subcontract land surveying work to a firm that is prequalified in this category.

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@nt.dot.state.il.us.

20. <u>Job No. P-30-013-03, Statewide Noise Analyses, Bureau of Design and Environment.</u>

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

The Consultant who is selected for this project is scheduled to attend an initial meeting on **March 11, 2003** at **10:00 A.M.** in the Bureau of Design and Environment at the Harry R. Hanley Building in **Springfield**.

This project requires services for specialized technical services to perform noise analyses for projects across the state. This project includes the review of technical noise studies performed by others. This project also provides for specialized technical services to review proposals from local agencies for funding of noise abatement walls. The services required include undertaking analyses of sensitive receptors to determine the locations of noise impacts and analyses and recommendations of potential abatement measures (utilizing the most current noise models) for IDOT's nine Districts, following all environmental policies of IDOT. The Consultant will perform both routine and expedited noise analyses for the Districts, as assigned. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

The Consultant will also be required to complete the following tasks and services on a project basis:

- Determination of the appropriate area(s) to analyze
- Identification of representative noise receptor(s)
- Identification of appropriate input factors to be used for the FHWA Highway Traffic Noise Prediction Model or the FHWA Traffic Noise Model (TNM), as directed by the department
- Determination of benefited receptor locations in each analyzed area where traffic noise impacts are predicted to occur and structural noise abatement measures are analyzed
- Analysis of both build and no-build options for the proposed improvement.
- Attend field meetings, public meetings or meetings at the District offices or Central Office, or meetings with project sponsors, as needed
- Preparation of transportation noise analysis memorandum
- Preparation of text, associated tables and related exhibits (showing the analyzed receptors) to be used in IDOT's NEPA documents or Project Reports and other documents, as required
- Preparation of tables, exhibits, mailings and/or announcements and participation at informational meetings conducted by sponsoring entities, at the discretion of the department

- Preparation of appropriate written noise updates/briefings to Central Office staff, as requested

- Noise training for department personnel

The department will furnish the Consultant with the following:

- Proposed transportation facility plans and cross-sections, as needed

- Existing transportation facility plans and field survey data, as needed and available

- Soil survey data, if available

- Traffic volume data

- Aerial photography of project locations

- Proposals from local agencies for funding of noise abatement walls

The contract period is 12 months, with a possible extension for an additional year, at the discretion of the department.

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

- The person(s) who will conduct the duties of the Noise Specialist (with resume(s) including qualifications), and whom will be directly accountable for the analyses and report preparation. The Noise Specialist must have completed two or more highway noise analyses using the FHWA Highway Traffic Noise Prediction Model, and have the appropriate education and training/course work such as a basic traffic noise prediction model and/or advanced mobile modeling course. Training and experience with the new FHWA Traffic Noise Model (TNM) is desirable. [Please limit this write-up to 2-3 pages.] The Key Noise Specialist(s) identified **must** be based in Illinois.

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

The Consultant must provide evidence of highway noise analyses completed using the currently accepted FHWA Highway Traffic Noise Prediction Model. Specific examples or reports conducted for IDOT or another state highway office would be useful, as well as any other noise models on-hand and in use at the firm.

Firms must be prequalified in **Environmental Reports (Simple Environmental Assessment)** 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@nt.dot.state.il.us

21. Job No. P-30-014-03 Photogrammetry Contract for the Southern Area of Illinois, Bureau of Design and Environment.

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

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

The Consultant selected for this project is scheduled to attend a negotiation meeting on **March 11, 2003** at **10:00 A.M.** at the Harry R. Hanley Building, Bureau of Design and Environment, Aerial Survey Section in **Springfield**.

The main emphasis of the services required is obtaining aerial photography for the southern area of Illinois. Other photogrammetry products may be required on an as needed basis. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in either English or metric units.

The Consultant will be asked to provide the following services:

- Photography Acquisition – The Consultant will be required to acquire vertical aerial photography of projects selected by the department. The aerial photography shall be obtained according to the specification titled "Illinois Department of Transportation Specifications for Vertical Aerial Photography" revised November 1, 1994. The department requires a copy of the latest Calibration Report form the U.S. Geological Survey for each Consultant's camera used on department projects.

Other photogrammetric products which may be requested:

- Topographic Mapping – The Consultant may be requested to prepare topographic mapping using CADD technology, including analytical triangulation. The mapping shall be prepared as per the latest version of the department's manual titled "CADD Roadway Drafting Reference Guide".

- Orthophoto Production – The Consultant may be requested to produce digital images, digital mosaics and orthophotos.

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

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

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

22. **Job No. C-30-006-03, Various Structural Steel Shop Fabrication Inspections, Bureau of Bridges and Structures.**

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

The Consultant selected for this project is scheduled to attend a negotiation meeting on **March 19, 2003** at **10:30 A.M.** at the Central Bureau of Bridges and Structures Office in **Springfield.**

Steel fabrication inspection services are required for various projects. Attachment A to this advertisement lists the guidelines necessary to complete this work.

The project also includes an estimated 300 days of per diem and 10,000 miles of travel.

Each inspector must be a member of the firm's inspection staff. The use of personnel from the local area hired for inspection shall be prohibited unless approved by the department.

This work shall be completed within 12 months after authorization to proceed.

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

Statements of Interest must include the following:

- Firm's previous experience with this type of work.
- **Exhibit A** with the names of key personnel listed along with resumes indicating qualifications.
- Branch Office locations.
- Previous experience with IDOT specifications.
- Availability and anticipated workload during the next two years.
- Your firm's calculated burden and overhead rate.
- Current Obligations form.
- Name and phone number of the contact person in your organization.
- Disclosure **Forms A** and **B**.

Two copies of the Statement of Interest, including resumes of the key people noted above, must be received by the Bureau of Design and Environment.

ATTACHMENT A

INSPECTION REQUIRMENTS

SECTION I - INSPECTORS

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

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

3. Each inspector shall be familiar with the shop drawings, specifications, and special provisions pertaining to the fabrication inspected, as well as applicable codes and specifications by the American Welding Society and ASNT, and any published modifications thereof by the DEPARTMENT.

4. No variations from the approved shop drawings or the Contract specifications and supplements shall be permitted by the inspector, except upon specific instructions by the DEPARTMENT.

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

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

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

inspection, or for prolonged periods of inactivity at a shop. Per diem will be paid through weekends and shop holidays if it is less than estimated charges for the inspector to travel home and return to the shop.

8. Field QA Inspectors will be reimbursed for per diem and mileage for each day, including travel and field site work.

SECTION II - CONDUCT OF INSPECTORS

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

SECTION III - SHOP INSPECTION

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

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

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

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

2. Observe thermal cutting and computer numerically controlled (CNC) equipment to determine that it is performing properly.

3. Check the mill identification, sizes of sections and thickness of plates, verifying that approved materials is used, being especially alert as to the use and location of Fracture Critical Material.

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

5. Check that reamed holes are cylindrical, that burrs are removed and no chips or drillings are remain between contract surfaces.

6. Periodically monitor the installation and tightening of high strength bolts to insure that the selected tightening procedure is properly used. Inspection wrenches shall be calibrated each day bolts are to be installed, prior to testing in a device indicating bolt tension.

7. Steel templates for reaming or drilling shall have hardened bushings in holes, dimensioned from the inscribed centerline used to locate each template, and they shall be properly secured.

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

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

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

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

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

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

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

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

16. ILDOT approved batches of paint are to be applied in accord with the contract and manufacturer’s product data sheet. Obtain certification of paint batch approved by the Department. Monitor mixing of components, humidity, metal and air temperature and application pattern.

17. All thermal cutting shall be mechanically guided. No hand flame cutting shall be allowed without the approval of the DEPARTMENT. No unauthorized corrections are to be made by flame cutting, and re-entrant cuts must be radiused in accord with contract requirements.

18. Verify QC measurements for center to center of bearings, beam camber and sweep. Make random check of stiffener and lateral bracing locations as well as their hole layouts. If errors are found, require more complete dimension check by QC to define extent of problem.

19. Check workmanship of welded members in accordance with requirements of applicable welding specifications.

20. Check that fills are in full contact before drilling or sandblasting. No chips, drillings or sand shall remain between parts.

21. Mill test reports should be obtained from the contractor's QC or the DEPARTMENT and correlated with the material used in the structure. A material assignment sheet may be obtained from QC or developed by the QA Inspector. Mill reports must verify satisfactory toughness testing for material with Zone 2 "CVN", "NTR" or Fracture Critical requirements. The material grade (e.g.: Gr. 36, 50, 50W for US Customary or Gr. 250, 345 or 345W for metric) must comply with the shop drawings. All steel material shall be certified on the mill report to be domestically produced ("Melted and Manufactured in the USA" or similar).

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

23. Any erection devices or aids shown on the approved shop drawings shall warrant the same inspection as required for the project.

SECTION IV - WELDING

Prior to Welding:

1. The QA Inspector shall verify the current qualification of all welders and, if not in full accord with the specifications, require qualification. Welder qualification testing shall be performed in accord with the applicable AWS wedl code (D1.1, D1.2 or D1.5), and the QA Inspector shall witness preparation of the test plates, and the welding, machining and testing of the coupons in the fabricator's shop. (In the absence of test facilities in the shop, the fabricator shall forward the properly identified coupons to a testing laboratory approved by the Department.) Also, discuss with welding foreman or quality control, the method of identifying welder's work.

2. Ensure weld procedures are ILDOT approved and that the procedure is understood by the welder, welding foreman and quality control.

3. Prior to fitting welded joints, examine the condition of the structural steel material, especially for laminations in the joint area.

4. Check joints that are to be welded, including root face, angle of bevel, the alignment of the parts to be joined, and the uniformity and size of root openings.

5. Ensure run-off tabs are of proper length, shape and size to allow full weld throat the entire length of the joint.

6. Check surfaces to be welded for cleanliness as required by specifications. Make sure stipulated surfaces are free of mill scale, heavy rust, oil, grease or other foreign material that would be detrimental to welding.

7. Visually inspect tack welds for cleanliness and flaws. They are to be as small as possible. No tack welds are allowed on any flange edge solely for positioning or restraint. Tack welds may be used on webs provided they are incorporated in the final weld.

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

9. Review shop report forms utilized for nondestructive testing. Discuss forms with welding foreman and Quality Control.

10. Discuss with welding foreman and Quality Control the condition and calibration of welding equipment. Verify amperage and voltage gauges are periodically checked for accuracy and adjusted or replaced if necessary.

<u>During Welding</u>:

1. Check to make sure that the correct types and sizes of weld consumables are provided, are in satisfactory condition and have been stored properly to prevent damage. This is especially important in the case of low-hydrogen processes. If they have been exposed to humid atmosphere, require that they be reconditioned or replaced as provided by the specifications.

2. Observe the technique and performance of welders at intervals to ensure that welding procedures and techniques conform to the contract requirements. For critical joints, arrange for periodic inspection of multiple-pass welds. Arrange with the QC or the foreman to notify the QA Inspector before such work will be performed.

3. Require welding be done in accordance with the approved procedures, periodically verifying that the current, amperage, voltage, travel speed and preheat and interpass temperatures are within tolerances. Amperage and voltage gauges shall be checked once or twice per week, and adjusted or replaced as required.

4. Require that the arc be struck only in the groove or other area upon which metal is to be deposited, and not on the base metal outside of such areas. Unless meeting permanent weld requirements, tack welds shall be located and sized (after grinding) to be completely incorporated in the production weld. Any cracked tack welds shall be removed completely before welding over their location.

5. Inspect root passes with special care, especially for important groove welds, such as butt joints in tension. On subsequent passes, observe if split layer technique is being used where required.

6. Verify that the root pass and subsequent passes are cleaned before succeeding weld passes. Defects and substandard workmanship in any weld pass must be removed before subsequent passes. Vigorous wire brushing, grinding or chipping may be

required to thoroughly remove slag between weld passes and avoid inclusions. However, no unspecified peening or distorting ("caulking") of weld metal by hammering shall be permitted without the specific approval of the DEPARTMENT and under very carefully controlled conditions. (Slag removal with pneumatic tools or chipping hammers used as intended do not constitute peening.)

7. After butt welds of flanges for built-up members have cooled, the parts joined should be in alignment. If not, alignment corrections shall be made prior to assembly of member. Minor misalignment may be corrected by the controlled application of heat. If misalignment is significant, corrective work shall be done using methods approved by the Engineer.

8. Ensure that welds of proper size, length and location conform to the drawings. If welds are to be ground smooth and flush, final grinding should not leave marks transverse to the direction of the main stress in a member. All welds shall end in a satisfactory manner.

After Welding:

1. Require welds to be cleaned of slag so that they can be given a thorough examination. The welds shall satisfy all applicable requirements of the Contract. When blast cleaning is required, an additional examination of welds and material shall be made after blasting and before painting.

2. Any fillet or repair weld having excess convexity or reinforcement (exceeding welding code limits) shall be ground to meet tolerances. Ends of repair welds shall transition smoothly into existing welds.

3. Excess metal at butt welds shall be removed by grinding. Final grinding should be smooth and done at right angles to the weld axis. Plate thickness or width transitions shall be sloped as shown on the shop drawings with smooth transitions at the toe of the slope. Overgrinding at this toe of the slope must be filled with weld metal and reground before NDT.

4. All runoff tabs shall be removed with care. Flamecutting may be used, provided the final preparation of edge is done by grinding, but hand flamecutting should not be done closer than 1/8" (preferably 1/4") of the edge.

SECTION V - RADIOGRAPHY AND RADIOGRAPHIC INSPECTION

1. All radiography and radiographic inspection shall be performed by the Contractor for the DEPARTMENT in accordance with the Contract.

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

3. The QA Inspector shall review all radiograph reports and duly sign them when in agreement with the report. If the QA Inspector and the Contractor cannot agree with respect to the report, the Engineer will review any film in question, and provide a determination of acceptability. Once the report is signed, the QA Inspector shall keep

the complete original set of reports and film until fabrication is complete and then submit all reports and radiographs to the DEPARTMENT for filing. On large structures, submittals may be on interim basis as required by the DEPARTMENT.

SECTION VI - MAGNETIC PARTICLE INSPECTION

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

2. The Contractor performs the MT for the DEPARTMENT and submits a report to the QA Inspector of all findings. The QA Inspector shall periodically witness the testing and, if satisfied as to the technique and results, shall sign the reports, retaining the originals, giving the fabricator one and forwarding one to the DEPARTMENT. The Inspector shall keep a complete set of the original reports and forward them to the DEPARTMENT at the end of the project with the UT reports, X-ray film and X-ray reports.

SECTION VII - ULTRASONIC INSPECTION

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

UT may also be required at field locations utilizing the Consultant's equipment when requested by the DEPARTMENT. (The Department shall provide access, traffic control and assistance as required). For UT performed by the Contractor, the QA Inspector shall retain the original reports, give one to the fabricator and forward one to the DEPARTMENT. For UT performed by the QA Inspector, a copy shall not be provided to the Contractor unless directed by the Engineer. The Inspector shall keep a complete set of the original UT reports and forward them to the DEPARTMENT at the end of the project, along with the x-ray film, x-ray reports and/or magnetic particle reports.

SECTION VIII - SHOP CLEANING AND PAINTING

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

2. No structural steel will be cleaned or painted in the shop until fabrication has been approved by the inspector. Blast cleaned surfaces shall have proper profile and cleanliness. Primer must be applied within 24 hours and before any rust is visible.

3. The shop coat(s) shall be inspected for proper mixing application and coverage. Unless otherwise provided for small batches, the inspector shall have an approved test report issued by the Department for the batch of paint used. If not, the fabricator Contractor must submit samples taken from the batch (with the QA Inspector witnessing) and submitted to the Bureau of Materials and Physical Research for testing prior to painting. Paint must be applied when the temperature and humidity are within acceptable limits and during the manufacturer's prescribed pot life. Paint may only be thinned in accord with the manufacturer's guidelines.

4. Special attention shall also be given to shop installed, mechanically galvanized bolts. Cleaning, subsequent primer coverage and adhesion shall be carefully monitored. (Some mechanical galvanizing may remain, as long as primer adhesion is not impaired.)

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

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

The following consultant firms were selected by the Consultant Selection Committee on December 11, 2002 to provide services for the Department as advertised in Professional Transportation Bulletin 125 that is dated October 3, 2002.

1. **Job No. D-91-293-01, FAP 305, (U. S. Route 14) West of Lake Shore Drive to Northwest of Lucas Road, McHenry County, District One.**

   FIRM: TENG & ASSOCIATES, INC. CHICAGO, IL

   Prepare plans, special provisions and estimates for the reconstruction and widening of US 14 from west of Lake Shore Drive to northwest of Lucas Road.

2. **Job No. D-91-304-02, FAP 305, (U.S. 14) Northwest of Lucas Road to Crystal LakeAvenue and at Ridgefield (South Junction), McHenry County, District One.**

   FIRM: H. W. LOCHNER, INC. CHICAGO, IL

   Prepare plans, special provisions and estimates for the reconstruction of US 14 from northwest of Lucas Road to north of IL 176 and widening from north of IL 176 to Crystal Lake Avenue.

3. **Job No. D-91-298-02, Chicago Heights Road (Glenwood Road), over Butterfield Creek, Cook County, District One.**

   FIRM: PRIMERA ENGINEERS, LTD. CHICAGO, IL

   Prepare plans, special provisions and estimate for the removal and replacement of the structure carrying Chicago Heights Road. over Butterfield Creek.

4. **Job No. P-91-016-02, Interstate 57, at Stuenkel Road, Will County, District One.**

   FIRM: CLARK DIETZ, INC. CHICAGO, IL

   Prepare Location/Design Report for the improvement of I-57 at Stuenkel Road.

5. **Job No. P-91-257-02, York Road, at Illinois Route 38 (Roosevelt Road), DuPage County, District One.**

   FIRM: LOUIS BERGER & ASSOC., INC CHICAGO, IL

   Prepare a feasibility study for modifying the interchange of York Road at Roosevelt Road.

6. **Job No. D-91-287-02, Traffic Signal Coordination and Timing (SCAT), Various Locations, Various Counties, District One.**

   FIRM: HAMPTON, LENZINI AND RENWICK, INC. ELGIN, IL

   Perform Traffic Signal Coordination and Timing (SCAT) of various systems on a work order basis.

7. **Job No. D-91-289-02, Land Surveys, Various Locations, Various Counties, District One.**

   FIRM: MARCHESE AND SONS, INC. ROSELLE, IL

   Perform land surveys for various roadway projects on a work order basis.

8. **Job No. D-91-128-02, Traffic Studies, Various Routes, Various Counties, District One.**

   FIRM: REGINA WEBSTER AND ASSOC., INC. CHICAGO, IL

   Perform traffic data collection for use in traffic studies on a work order basis.

9. **Job No. D-91-302-02, Bituminous Mix Design (Complex), Various Locations, Various Counties, District One.**

   FIRM: JFG TECHNICAL CENTER, INC. THORNTON, IL

   Prepare bituminous concrete mix designs on a work order basis.

10. **Job No. P-92-004-03, FA 309, Corridor Report, Whiteside County, District Two.**

    FIRM: HDR ENGINEERING, INC. CHICAGO, IL

    Prepare a corridor study for a multi-lane highway between Fulton and I-88 west of Rock Falls.

11. **Job No. C-92-003-03, Construction Inspection for Various Projects, Various Counties in the Northern Half, District Two.**

    FIRM: CEMCON LTD. WINFIELD, IL

    Perform construction inspection services for various projects in the northern half of the District on a work order basis.

12. **Job No. C-92-004-03, Construction Inspection, Various Projects, Various Counties in the Southern Half, District Two.**

    FIRM: STV INCORPORATED CHICAGO, IL

    Perform construction inspection services for various projects in the southern half of the District on a work order basis.

13. Job No. P-92-011-03, Various/Various Phase I and II, Various Counties, District Two.

FIRM: WHKS & COMPANY EAST DUBUQUE, IL

Perform Phase I and/or Phase II work for various projects on a work order basis.

14. Job No. D-94-014-02, IL 336 (FAP 315) from 1 mile west of the Hancock/McDonough County Line to 1.7 miles east of IL 61, District Four.

FIRM: HORNER & SHIFRIN, INC. FAIRVIEW HEIGHTS, IL

Prepare plans, special provisions, and estimates for a 4-mile section of new 4-lane expressway from 1 mile west of the Hancock/McDonough County line to 1.7-mile east of IL 61, including dual structures over the LaMoine River.

15. Job No. C-94-012-03, Construction Inspection, Various Routes, Various Counties, District Four.

FIRM: RAPPS ENGINEERING & APPLIED SCIENCE SPRINGFIELD, IL

Perform construction inspection services for various projects on a work order basis.

16. Job No. D-96-009-03, Districtwide Contract Location Studies and Plan Preparation for Various Projects in District Six.

FIRM: HOMER L. CHASTAIN & ASSOC. LLP DECATUR, IL

Perform Phase I and/or Phase II work for various projects on a work order basis.

17. Job No. D-96-010-03, Districtwide Contract Location Studies and Plan Preparation for Various Projects in District Six.

FIRM: POEPPING, STONE, BACH & ASSOC., INC QUINCY, IL

Perform Phase I and/or Phase II work for various projects on a work order basis.

18. Job No. D-98-009-03, Subsurface Utility Engineering, Various Route, Various Counties, District Eight.

FIRM: SO-DEEP, INC. BELLEVILLE, IL

Perform subsurface utility engineering for various projects on a work order basis.

19. Job No. D-98-013-03, Various Routes, Various District 8 2003-1, Various Counties, District Eight.

FIRM: KLINGNER & ASSOCIATES, P.C QUINCY, IL

Perform Phase I and/or Phase II work for various projects on a work order basis.

20. Job No. C-98-023-02, FAU 9105 (Salisbury Street), Bridge Rehabilitation on McKinley Bridge over the Mississippi River in Venice, Illinois, Madison County, District Eight.

FIRM: CRAWFORD, MURPHY, & TILLY, INC. EAST ALTON, IL

Perform construction inspection services for the rehabilitation of the McKinley Bridge in Venice.

21. Job No. P-98-015-03, Land Surveys, Various Routes, Various Counties, District Eight.

FIRM: LTR LAND SURVEYING, INC. WATERLOO, IL

Perform land surveys for various roadway projects on a work order basis.

22. Job No. C-98-006-02, Grading and Paving for 3.17 Miles on IL 255 from IL 140 to Fosterburg Road, Madison County, District Eight.

FIRM: SCI ENGINEERING, INC. FAIRVIEW HEIGHTS, IL

Perform construction inspection services for the grading and paving of 3.17 miles of IL 255 from IL 140 to Fosterburg Road.

23. Job No. C-98-008-03, Construction Engineering for Various Projects, Various Counties, District Eight.

FIRM: HOELSCHER ENGINEERING, P. C. FAIRVIEW HEIGHTS, IL

Perform construction inspection services for various projects on a work order basis.

24. Job No. P-Statewide Waste Assessment Investigations, Studies and Designs.

FIRM: WESTON SOLUTIONS, INC CHICAGO, IL

Conduct waste assessment investigation studies and designs at various locations statewide on a work order basis.

25. Job No. HP-75-43P-03-1 Field Collection of Traffic Data on Various Routes for Various Counties in District One.

FIRM: AVILA COMPUTER SERVICES, INC. CHICAGO, IL

Conduct field collection of traffic data in District One.

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@nt.dot.state.il.us

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 DOCUMENTATION FOR CONTRACT QUANTITIES

Information regarding the Documentation of Contract Quantities can now be found on our web site (www.dot.state.il.us) under Public Partners. Several changes have been made including a new registration form, registration process and class format. A tentative class and test schedule for FY03 is posted (subject to change). Please note there are no more classes until November. If you have questions regarding this class or the content on the web page, please email cbctraining@nt.dot.state.il.us.

Notice

Salaries and Direct Cost

The consultant has the option of sending in their payroll rates and direct costs once a year or as they change, to be used on all jobs throughout that time period. The Department will keep these rates on file and when the proposal comes in use them to review the cost estimate.

The consultant still has the option of sending in their current payroll rates and direct cost for every prime and supplemental agreement.

Non Billable Direct Cost

Beginning with PTB 118 and all Phase II rollovers and supplements after May 1, 2001 the following costs will not be allowed to be billed direct. These costs are a "cost of doing business" and or "tools of the trade" and should be included in the overhead.

Survey

Tapes	Crowbars	Chains
Paint	Lathes	Ribbons
Hubs	Folding Rule	Targets
Prisms	Yokes for Prisms	Iron Pipes
Aluminum Caps	P K Nails	Hammers
Chisels	Flashlights	Re-Bars
Hand Tools	Two-Way Radios	Vests
Hats	Standard Survey Equipment	

Office

Binders	Spiral Binding	Laminating
Scanning	CD'	Pens
Computer Software	Pencils	Binoculars
Video Equipment	Telescopes	Cameras
Memory Chips	Telephone Calls	Faxes
Copies of Non-deliverables	Fax Machines	

Phase III

Nuclear Density Gauge	ICOR Training	Slump Cone
Cylinder Molds	Thermometers	Air Meter
Survey Equipment & Supplies		

Miscellaneous

P C Seat Time other than CADD	Micro Station/Geopak
Social Security Benefits	

Other direct costs will be reviewed on an ongoing basis.

Maximum Rates

The Department has set maximum billable rates for the following cost:

- To establish the costs of the agreement the following vehicle charges will be used whether it is leased, owned or rented.

  District 1 $36/day (includes all related vehicle costs)
  All Other Districts $32/day (includes all related vehicle costs)

  When the agreement is for a year or less the Consultant must decide before entering into the agreement if they want their actual vehicle cost audited or their daily vehicle rate. Their decision will be final and made part of the agreement. When the Agreement is longer than a year than the Consultant may decide at the completion of the agreement how they want their vehicle costs audited.

- Cell phones will be allowed on Phase III contracts only. The number of cell phones per job will be determined by the district, with a maximum of 3. The monthly charge for a cell phone will be at actual cost, subject to a maximum rate of $70/month.

- Airfare rate estimates will be based on coach rate, leaving within 14 days, and not staying over a weekend.

- In determining the costs for a laptop computer, a salvage value of ten percent will be used, with a life expectancy of three years.

"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.state.il.us under "Doing Business" "Small Business Enterprises" "Disadvantaged Business Enterprises Directory." DBE firms who are prequalified by BDE and are interested in performing consultant work are listed under Part II, "Consultant Services" section. Part I includes an introduction and the listing of certified DBE firms in alphabetical order with their combined work categories. 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 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
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
of
Statement of Experience
and Financial Condition

The revised Statement of Experience and Financial Condition and the Description and Minimum Requirements will be available January 6, 2003 at the following address:
http://www.dot.state.il.us/desenv/preqcons.html

NOTICE FOR NHI COURSES

Attached is a listing of the National Highway Institute (NHI) courses available. In the past, local agencies, consultants, and contractors have participated in courses sponsored by the Illinois Department of Transportation and this has proven to be beneficial for all concerned. This listing includes all courses available for scheduling.

If you are interested in classes being made available, please complete the attached form and return to Arno Grey, Illinois Department of Transportation, Room 313, 2300 South Dirksen Parkway, Springfield, IL 62764. If you need additional information, you may call Arno at 217/782-3708.

COURSE DESCRIPTIONS

Mathematical Sciences

123002 – Scientific Approaches to Transportation Research

Structures

130023 – Nondestructive Testing Methods for Steel Bridges
130048 - Seismic Design & Retrofit of Highway Bridges
130053 - Bridge Inspection Refresher Course
130054 - Engineering Concepts for Bridge Inspectors
130055 - Safety Inspection of In-Service Bridges
130060 - Vessel Collision Design for Highway Bridges
130063 - Seismic Bridge Design Applications
130069 - Hazardous Bridge Coatings
@130078 - Fracture Critical Inspection Techniques For Steel Bridges
130079 - Bridge Coatings Inspection

Materials, Pavements, and Base Design

131008 - Techniques for Pavement Rehabilitation
131009 - Portland Cement Concrete Materials
@131023 – Highway Materials Engineering
131026 - Pavement Subsurface Drainage Design
131029 - AASHTO Pavement Overlay Design
131032 - Hot-Mix Asphalt Construction
131033 - Const. of Portland Cement Con. Pvts.
131034 - Pavement Distress Identification
131035 - Pavement Management Systems (PMS)
131044 - Hot-mix Asphalt Plant Facilities
@131045 - Hot-Mix Asphalt Materials, Characteristics and Control
@131050 - Asphalt Pavement Recycling for State & Local Governments
131051 - Superpave for Senior Managers
131053 - Superpave Fundamentals
131054 - Pavement Preservation: The PMS Concept
131058 – Pavement Preservation: Selecting Pavements for Preventative Maintenance
131060 - Design Details for High Performance P.C.C. Pavements
@131062 – P.C.C. Pavement Evaluation & Rehabilitation
131064 – Introduction to Mechanistic Design

Geotechnical

132012 - Soils & Foundations Workshop
132013 - Geosynthetics Engineering Workshop
132014 - Drilled Shafts
@132016 - Geotechnical & Foundation Engineering
132021 - Driven Pile Foundations - Design & Construction
132022 - Driven Pile Foundations - Construction Monitoring
132031 - Geo./Found. Engr.: Mod. 1 - Subsurface Investigation
@132032 - Geo./Found. Engr.: Mod. 2 - Geotechnical Contracting and QA/QC
@132033 - Geo./Found. Engr.: Mod. 3 - Soil Slopes & Embankment Design
@132034 - Geo./Found. Engr.: Mod. 4 - Ground Improvement Techniques
132035 - Geo./Found. Engr.: Mod. 5 - Rock Slopes:
132036 - Geo./Found. Engr.: Mod. 6 - Earth Retaining Structures
@132037 - Geo./Found Engr.: Mod. 7 - Shallow Foundations
@132038 - Geo./Found Engr.: Mod. 8 - Deep Foundations
132039 - Geo./Found. Engr.: Mod 9 - Geotechnical Earthquake Engineering
@132040 - Geo./Found. Engr.: Mod. 10 - Geotechnical Aspects of Pavements
132041 - Geo./Found. Engr.: Mod. 11 - Geotechnical Instrumentation
@132042 - Design of Mechanically Stabilized Earth Walls & Reinforced Soil Slopes
@132043 – Construction of Mechanically Stabilized Earth Walls & Reinforced Soil Slopes
132068 – LRFD for Highway Bridge Substructures

Design & Traffic Operations

133005 - Highway Capacity & Quality of Flow
@133010 - Computerized Traffic Signal Systems
133028 - Traffic Control Software & Signalization
133048 – Managing Traffic Incidents & Roadway Emergencies
133072 - High Occupancy Vehicle (HOV) Facilities
133075 - Freeway Traffic Operations
133077 - Transient Protection Grounding & Shielding of Electronic Traffic Control Equipment
133078 - Access Management Location & Design

Construction & Maintenance

134001 - Principles of Writing Highway Construction Specifications
134005 - Value Engineering Workshop
@134006 – Highway/Utility Issues
@134029 - Bridge Maintenance Training
@134042 - Materials Control & Acceptance-Quality Assurance
@134049 – Use of Critical Path Method (CPM) for Estimating, Scheduling & Timely Completion

Hydraulics

@135010 – Highways in the River Environment
135027 – Urban Drainage Design
135028 – Stormwater Pump Station Design
135035 – Bridge Backwater Computer Program
135041 – HEC –RAS, River Analysis System (Penn State)
135041 - HEC –RAS, River Analysis System (West Consultants)
135046 – Stream Stability & Scour at Highway Bridges
135047 – Stream Stability & Scour at Highway Bridges for Bridge Inspectors
135056 – Culvert Design
135057 – HYDRAIN – Integrated Drainage Design Computer System
135067 – Practical Highway Hydrology
135071 – Surface Water Modeling with Flo 2 DH & SMS
@135080 – Hydrologic Modeling with the Watershed Modeling System (WMS)

Intelligent Transportation Systems (ITS)

137001 - Intelligent Transportation Systems (ITS) Awareness Seminar
137002 - Deploying Integrated ITS - Metropolitan
137003 – ITS Public/Private Partnerships
137004 - ITS & The Transportation Planning, Process
137005 – ITS Telecommunications Overview
137012 - Introduction to National ITS Architecture & Interim Guidance on Conformity
137013 - Using the National ITS Architecture for Deployment
137015 – Introduction to the National ITS Architecture
137019 – ITS Software Acquisition
137020 – ITS Procurement
137022 – CORSIM Traffic Simulation Model Training
137024 – Introduction to Systems Engineering
137025– Management & Operations of ITS
152068 –ITS Development Analysis System (IDAS)

Real Estate

141029 – Basic Relocation
141030 - Advanced Relocation
141031 - Business Relocation
141036 - Eminent Domain Training for Attorneys & Appraisers

Environment

142005 - NEPA & Transportation Decision Making
142007 - Fundamentals & Abatement of Highway Traffic Noise
142018 - Functional Assessment of Wetlands
142028 - Environmental Training Center
@142036 – Public Involvement the Transportation Decision Making Process

Statewide Planning

151018 - Application of the FHWA Traffic Monitoring Guide
151021 - Administration of FHWA Planning Grant
151029 - Application of Geographic Information Systems for Transportation

Metropolitan Planning

137004 – ITS & the Transportation Planning Process
151034 – Development & Implementation of Travel Surveys
152054 - Intro. to Urban Travel Demand Forecasting
152060 – Advanced Urban Travel Demand Forecasting for Large Urban Areas
152068 – ITS Deployment Analysis System (IDAS)
152069 – Introduction to Metropolitan Planning

Financial Management

231013 - Highway Program Financing

Corporate Management

310024 – Continuous Process Improvement

Civil Rights

361019 - On the Road to Equality: Women in Highway Construction
361020 - Partnering for Indian Employment in Highway Construction

Highway Safety

380003 - Design & Operation of Work Zone Traffic Control
380005 - Railroad-Highway Grade Crossing Improvement Program
380032 - AASHTO Roadside Design Guide
380034 - Design Construction & Maintenance of Highway Safety Appurtenances & Features
380060 - Work Zone Traffic Control for Maintenance & Operations on Rural Highways
380063 - Construction Zone Safety Inspection

Public Affairs

420041 – Media Relations Training for State & Local Government

\# = New Course Listing
@ = Future Course Now Under Development

NHI FORM

NHI COURSE RESPONSE FORM

Course No.	Title	# of Participants

RETURNED BY:

Company _____

Address _____

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Contact Person _____

Telephone

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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. Next year (2003), 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, attn: Fred Garrott (217.782.3587)

Training Opportunity

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

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 Division of Highways - Manuals Order Form is also available at the following address: http://www.dot.state.il.us/desenv/orderform.html