

Professional Transportation Bulletin

PTB 196

May 7, 2020

Revised May 15, 2020

Statements of Interest are due before 12:00 p.m.
on May 28, 2020
Selection Date: July 22, 2020



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

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IMPORTANT NOTICE

Professional Transportation Bulletin Revisions

Selection Date: May 7, 2020

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: **Friday, May 15, 2020**

- **Item 45:** added the following statement by completion date: “This work will be comprised of at least 4 (four) construction projects over more than 5 (five) years.”
- **Item 70:**
 - The Structures (Railroad) prequalification category can be completed by the Sub and/or Prime Consultant.
 - Under Key Personnel on Exhibit A “The person who will be part of the inventory team (must be an Illinois Licensed Structural Engineer)”.
- **Item 74:**
 - The following categories can be completed by the Sub and/or Prime Consultant:
 - Special Studies (Location Drainage)
 - Special Services (Surveying)
 - Geotechnical Services (Subsurface Explorations)
 - Added Key Personnel to be identified on the Exhibit A:
 - The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report
 - The person who will be in charge of surveys
 - The person who will perform/supervise the work in the area of geotechnical analysis

CONTACT INFORMATION

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 the **IDOT's website**: [Engineering, Architectural & Professional Services](#)

Professional Transportation Bulletin

The Professional Transportation Bulletin (PTB) Contains information pertaining to the advertisement for offers of interest for professional services for the Department of Transportation's projects.

Questions concerning this Bulletin should be directed to:

E-mail: DOT.ConsultantServices@illinois.gov

Or mailing address:

Bureau of Design and Environment
2300 South Dirksen Parkway
Attn: Consultant Unit
Room 330
Springfield, IL 62764

Regional/District Contact information ([view map of regions](#))

Region 1: Mr. Anthony Quigley

District 1
201 West Center Court
Schaumburg, IL 60196

Region 2: Mr. Masood Ahmad

<i>District 2</i> 819 Depot Avenue Dixon, IL 61021	<i>District 3</i> 700 East Norris Drive P.O. Box 697 Ottawa, IL 61350
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Region 3: Mr. Kensil Garnett

<i>District 4</i> 401 Main Street Peoria, IL 61602	<i>District 5</i> Route 133 West P.O. Box 610 Paris, IL 61944
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Region 4: Mr. Jeffrey Myers

<i>District 6</i> 126 East Ash St. Springfield, IL 62704	<i>District 7</i> 400 West Wabash Effingham, IL 62401
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Region 5: Mr. Keith Roberts (acting)

<i>District 8</i> 1102 Eastport Plaza Drive Collinsville, IL 62234	<i>District 9</i> State Transportation Building P.O. Box 100 Carbondale, IL 62903
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TENTATIVE SCHEDULE

For Professional Transportation Bulletins

ACTIVITY	PTB 197	PTB 198	PTB 199	PTB 200	PTB 201	PTB 202
PUBLISH PTB	08/06/20	11/05/20	02/04/21	05/06/21	08/05/21	11/04/21
**STATEMENTS OF INTEREST DUE	08/27/20	12/03/20	02/25/21	05/27/21	08/26/21	12/02/21
SELECTION MEETING	10/21/20	01/27/21	04/21/21	07/21/21	10/20/21	01/26/22

**** Statements of interest for the current PTB 196 must be RECEIVED between:**

Publish Date 05/07/20 & 05/28/20 (12:00 P.M. NOON)

Statements of interest received **after 12:00 p.m. WILL NOT** be considered.

Only **SUBMITTALS** through [EPAS](#) will be considered for Professional Transportation Bulletins.

NOTICES

The following are changes, updates, or information that the Department wishes to share with firms.

- Negotiation Information Site7
- Statement of Experience and Financial Condition Renewal.....8
- SEFC Application Changes9
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NOTICE

Negotiation Information Site

To view the most current negotiation meeting information on particular advertised items please navigate to the IDOT website under the “Bulletin” tab: [Negotiation Information](#). This information has not been finalized and is subject to change. It is strongly recommended that firms check this site **daily** for updates.

Prequalification Bulletin Statement of Interest Compliance & Admin Stay Connected

Bulletin

IDOT advertises for professional services four times a year via the Professional Transportation Bulletin (PTB) and makes this schedule public via the PTB Schedule (below). The PTB contains information pertaining to the advertisements for offers of interest for professional engineering, land surveying and architectural services for IDOT projects. On occasion, a special bulletin is necessary. Below you will find the active PTB as well as supplementary information. If wishing to review archived bulletins and press releases please navigate to [Resources](#).

[PTB 194r3](#) (revised 11/15/19)

Negotiation Information

To view the most current negotiation meeting information on particular advertised items please [click here](#). This information has not been finalized and is subject to change. Contact the appropriate District for questions regarding a particular Item.

Tentative PTB Schedule

The following is a list of items for the current PTB and the respected district/bureau advertising them:

Region 1

Anthony Quigley

- **District 1**
 - Items 1 – 23

Region 2

Masood Ahmad

- **District 2**
 - Items 24 - 27
- **District 3**
 - Items 28 – 30

Region 3

Kensil Garnett

- **District 4**
 - Items 31 - 36
- **District 5**
 - Items 37 – 38

Region 4

Jeffrey Myers

- **District 6**
 - Items 39 - 43
- **District 7**
 - Item 44

Region 5

Keith Roberts (acting)

- **District 8**
 - Items 45 - 60
- **District 9**
 - Items 61 – 63

Bureau of Bridges and Structures

Carl Puzey

- Item 64

Bureau of Design and Environment

Jack Elston

- Item 65

Bureau of Operations

Amy Eller

- Items 66 – 69

Bureau of Urban Program Planning

Holly Bieneman

- Item 70

Illinois Department of Natural Resources

- Items 71 – 74

NOTICE

Statement of Experience and Financial Condition Renewal

May 7, 2020

This is a reminder for currently prequalified consultants whose fiscal year ended:

December 31, 2019

The Statement of Experience and Financial Condition (SEFC) is due **JUNE 30, 2020**.

NO exceptions. Firms have until midnight to submit. Failing to submit the information will result in the firms not being prequalified. Firms will automatically be set to **Not-Approved**.

EPAS will show, either New SEFC or Renew SEFC along with an Amend option for the SEFC. **DO NOT** use the **AMEND** to renew an application, it will jeopardize your prequalification status.

- **New** SEFC: indicates a complete update is required. All staff, corporate details, financial data and the prequalification categories.
- **Renew** SEFC: indicates Corporate Details and Financial updates are required.
- The EPAS Manual has additional details, see [Section 7](#).

Firm's submittals are based on the **CALENDAR YEAR** they are submitting within:

THE YEAR SHOW IS WHEN THE EPAS SUBMITTAL IS DUE							
Firm Name Beginning with:	2019	2020	2021	2022	2023	2024	2025
A - E	NEW	RENEW	RENEW	NEW	RENEW	RENEW	NEW
F - N	RENEW	NEW	RENEW	RENEW	NEW	RENEW	RENEW
O - Z	RENEW	RENEW	NEW	RENEW	RENEW	NEW	RENEW

Remember to check before submitting:

- ✓ Department of Financial & Professional Regulation licenses are current.
- ✓ Secretary of State Certificate or form showing firm is currently in Good Standing.
- ✓ DBE Certificate/No Change Affidavit (if applicable) is current.
- ✓ Insurance certificate is current and up to date.
- ✓ Attach the signed Certificate of Final Indirect Cost certificate (*there is a sample in the EPAS manual, see [Section 6.3 page 20](#)*)
- ✓ Utilize the SEFC Checklist in the EPAS Manual [Section 6.7.2](#)

Prequalification Category(s):

- ✓ Review the [Description and Minimum Requirements for Prequalification](#) and address the requirements in the questionnaires.
- ✓ Delete outdated (over 10 years old) projects.
- ✓ Tailor expertise to the specific category being requested.

NOTICE

SEFC Application Changes

Effective: April 10, 2020

The following changes were implemented to the EPAS system on Friday, April 10, 2020. These changes are primarily for the Financial Screen within the SEFC application.

Under the “**Corporate Financial**” screen within the SEFC application the following changes were implemented:

1. Previously had a “Prevailing Rate Schedule” option, this was removed.
2. The electronic overhead chart option was removed.
3. The “N/A” option from all four questions in the financial screen was removed. From here on out you will have to answer **yes/no to all four questions**. These four questions are required to have answers and have a * indicating so. You will get an error message when you try to submit if you did not answer all four questions.
4. Under Question 3, the Overhead Rate and Certificate of Indirect Cost attachment used to be combined, and now will be submitted as a separate attachment.
5. There are two more attachments added under Question 3: (1) Compensation Analysis and (2) Bonus Data. These are **REQUIRED** to be submitted.
6. A brand new question has been added under Question 4: Does your firm have multiple rates? If this option is utilized, you must enter at least two different types of rates within the table provided.

Under the “**Corporate Details**” screen within the SEFC application the following changes were implemented:

1. Under ownership questions, the “Registration Number” and “Registered State” fields were removed.
2. Once the SEFC application has been submitted, there will be a time stamp at the top indicating when your firm submitted the SEFC application. This will only populate for SEFC applications that have been submitted after these changes were implemented.

[The EPAS Manual](#) has been updated to reflect these changes. If you experience any issues or have any questions, please contact us at: DOT.ConsultantServices@illinois.gov.

STAY CONNECTED: IF you are not subscribed to our subscription list please subscribe. This is how we share information, updates to systems, bulletins, press releases etc. Instructions are posted on the IDOT website: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index#Connect>

NOTICE

Landscape Architect

Effective: January 1, 2020

Within our current requirements for the prequalification category of Landscape architecture "...Minimum personnel requirements for prequalification are one **Illinois Licensed Landscape Architect**, Illinois Licensed Architect, and/or an Illinois Licensed Professional Engineer..". As of January 1, 2020 the Illinois Landscape Architecture Act of 1989 is sunsetting, and it will not be possible to be an Illinois Licensed Landscape Architect on and after January 1, 2020.

Therefore, to pursue this category on or after January 1, 2020 one of the following is mandatory as the minimum personnel requirement for Landscape Architecture, until the Act is reinstated:

- one Illinois Licensed Architect with training and experience in landscape architecture and support staff; and/or
- one Illinois Licensed Professional Engineer with training and experience in landscape architecture and support staff; and/or
- one individual who can demonstrate that s/he was an actively licensed Illinois Registered Landscape Architect on December 31, 2019, and/or
- one individual who, through documentation satisfactory to the Department, demonstrates the individual has: graduated from a landscape architecture program accredited by the Landscape Architecture Accreditation Board; has two years of professional experience in landscape architecture practice as formerly defined and required in the Illinois Landscape Architecture Act of 1989 and 68 Illinois Admin. Code 1275.30 (repealed January 1, 2020); and has achieved a passing score on all Sections of the Landscape Architect Registration Examination (L.A.R.E.) administered by the Council of Landscape Architectural Registration Boards (CLARB).

If your firm is already prequalified in Landscape Architecture no action is needed, but please ensure that your firm can meet one of the above future requirements when a New SEFC is required (i.e., when categories are re-reviewed).

If you have any questions please email: DOT.ConsultantServices@illinois.gov.

NOTICE

Mileage Reimbursement

Effective: January 1, 2020

The Governor's Travel Control Board announced a decrease in mileage reimbursement for personal vehicle use from 58 cents per mile to **57.5** cents per mile effective January 1, 2020.

For additional information about travel, please go to:

<http://www.illinois.gov/cms/employees/travel/pages/default.aspx>

NOTICE

Specialty Categories

Published: Thursday, November 7, 2019

The Engineering Prequalification Agreement System (EPAS) has a “Specialty Category” as one of the Prequalification Category choices when becoming prequalified.

The Specialty Category option is to be used for a select few specialties the department utilizes for our transportation projects.

These categories consist of:

- Value Engineering
- Underwater Bridge Inspections
- Public Involvement
- Bridge Painting Inspections, and
- Steel Fabrication Inspections

Firms which submit for the specialty category and do not fall into the list above will be denied qualification with the Department.

NOTICE

Exhibit B

Published: Thursday, November 7, 2019

The Statement of Interest requires Exhibit B for all Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction).

Previously the time frame was **5 years** and it's been updated to reflect the Statement of Experience and Financial Condition (SEFC) Prequalification requirements of **10 years'** experience.

The completion date of the projects has also been added.

Location/Design Study

Location/Design Study Work

This portion to be completed when projects require Location Design Studies (Reconstruction/Major rehabilitation or New Construction/Major Reconstruction)

- *1. List and describe in a short paragraph up to a maximum of five similar or more complex Location/Design studies your firm has completed in the **last ten years, include completion date for project**. If IDOT project(s) use PTB# and Item# (i.e, 116/10)

- *2. List and describe in a short paragraph up to a maximum of three less complex Location/Design studies your firm has completed in the **last ten years, include completion date for project**. If IDOT project(s) use PTB# and Item#

- *3. Briefly outline the procedures you will use to accomplish the project Location/Design study objectives if selected. (This description should not exceed three pages.)

NOTICE

Salary Cap

Effective: Thursday, November 7, 2019

Effective November 7, 2019, the salary cap for projects on PTB 185 and after has been increased to \$78/hr for the purpose of estimating fee. This new salary cap can be utilized on any Prime or Supplement, PTB 185 and after, proposal package submitted to the Department on or after this date.

Any proposal package submitted before this date will utilize the \$75/hr cap and cannot be resubmitted.

INTRODUCTION

State of Illinois

Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

Professional Transportation Bulletin 196

Publish: May 7, 2020

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

A notification of the Professional Transportation Bulletin (PTB) being published is sent to each professional consultant on IDOT's subscription server list. To subscribe please follow these [instructions](#). A Professional firm who is not prequalified may obtain the necessary information and forms to become prequalified from the IDOT website at: [Engineering, Architectural & Professional Services](#).

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 (SOI) for the project through the [Engineering and Prequalification Agreement System \(EPAS\)](#).

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

Statements must be submitted electronically to the central Bureau of Design and Environment, through **EPAS, prior to 12:00 p.m. Central Standard time, May 28, 2020. 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 the criteria established in the Advertisement:

Rating Description	Weighted %
Past Performance in Project Categories	0-30
Proposed Staffing from Prime and any subconsultants	0-30
Proximity of firm to project location	0-10
Proposed DBE use	
Available work capacity of firm	0-30
The firms experience in with required project work	0-30
Firms understanding/method of accomplishing project requirements	0-30
Project Specific Criteria: Specific requirement in an advertisement	0-30
Total=	100

All members of the Consultant Selection Committee will be **unavailable** during the two-week period preceding the Selection Committee Meeting.

Departmental procedures ensure 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 and/or e-mails expressing your interest in various projects and/or correspondence concerning your firm to members of the Consultant Selection Committee per Illinois Procurement and Ethics (5 ILCS 430/5-50).

SUBMITTING A STATEMENT OF INTEREST

Prequalification

The firm acting as the prime must be prequalified in all the prequalification categories requested in the project advertisement even if they plan to subcontract part of the project, except where noted in a specific project advertisement. **Any work being done by a consultant, prime or sub must be prequalified in the IDOT prequalification category of work they are performing.**

Prequalified firms may indicate their desire to be considered for selection on any of the projects listed herein by submitting a separate Statement of Interest (SOI) for each project.

Submitting

All interested firms must submit through the [Engineering Prequalification and Agreement System \(EPAS\)](#). This includes specialty firms, for items in the Professional Transportation Bulletin that do not have prequalification categories, i.e. firms not prequalified in the established prequalification categories; typical items are painting, manual rewrites, steel fabrication inspection, specific testing, etc. These firms must contact DOT.ConsultantServices@illinois.gov to establish an account.

The information in all forms is required as part of all Statement of Interest submittals. The EPAS application has the ability to include all the required information. Some forms are attached and some data is entered into EPAS directly to generate the data for the form. There is an EPAS Instruction Manual for your use and can be used when completing the SOI in EPAS.

The EPAS instruction manual is located on the IDOT Website under Resources: Manuals & Guides: [EPAS Manual](#)

Things to Consider

- A brief statement of the firm's interest in performing the work. (Should be concise to the point, and should **not** exceed **two pages**)
- Color graphics/photographs, charts, graphs etc. can be used at your discretion. Make applicable to the requested advertisement.
- Exhibit A**
is used to give a snap shot of the firm's proposed staff as follows:
 - List the required key personnel to match required prequalification categories and any additional personnel requirements designated in the project advertisement. (Include firm name if work is to be completed by Subconsultant)
 - QC/QA personnel must be different individuals than the staffing, which prepared the documents.

- Attach resumes of all key personnel listed in the SOI. It is recommended the individual resumes should be approximately two pages and must be relevant to the expertise required for the specific project.
 - 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.
 - Identify proposed subconsultants, item(s) of work they will perform, and the estimated % of work. If a DBE Goal is in the advertisement then list the DBE subconsultant(s), the work they will be performing, and estimated % of the work. All Subconsultants must be prequalified in the area of work they will be performing.
 - Include Mentor Protégé data if participating.
- **Exhibit B**
is required for Projects involving Location Design Studies (Reconstruction/Major Rehabilitation and New Construction/Major Reconstruction) and all Environmental Reports (Environmental Assessment and Environmental Impact Statements) EPAS prompts the user to complete form B when it is required.
- **Project Experience #3**
- 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.
- **Project Experience #4**
- Summarize any other information specifically requested in the project advertisement.
 - In addition to the above requirements, any other information specifically requested in the project advertisement should also be included in the submittal.
 - The specifics for addressing the criteria in the advertisement may be included here.
- **Project Experience #5: Consultant's Exhibit A**
- Ensure the printed Exhibit A **matches** the electronic Exhibit A (subconsultants, subconsultant's categories of work).
- **Project Experience #6: Subconsultant Utilization Form**
- Include the Subconsultant Utilization Plan.
 - Signatures are **not** required to be completed at SOI time.
 - Subconsultant Utilization Plan must include and match the SOI subs, categories and estimated percent of work.
 - Subconsultant Utilization Plan is required to be completed if **selected**.

- **Current Obligations**
 - This information is an on-line application in EPAS, it is **NOT** a separate document.
 - It must be completed before you submit the Statements of Interest.
 - Must be entered in **thousands (000's) not in whole numbers** else your firm will appear to be over capacity.

- **Disclosures**
 - Instructions for completing Disclosure **Forms A** and **B** are included on pages 1 and 2 immediately preceding **Forms A** and **B** Disclosure.
 - The Disclosure Forms are a separate document and one set for each prime is submitted.
 - The form is required to be completed, signed and attached within EPAS.
 - Form can be generated and printed through the EPAS application.

- **Delinquent Debt**
 - This is generated in the EPAS system and is submitted as a separate document. Only one document, for prime **and** subconsultants, with all pertinent data is required. Instructions are included with the Delinquent Debt.
 - Form can be generated and printed through the EPAS application.

- **Disclosure of Business Operations in Iran**
 - This is also a separate document. Only one document for each prime is required. Instructions are included at the bottom of the Disclosure of Business Operations in Iran document.
 - Form can be generated and printed through the EPAS application.

Requirements

Exhibit A, Exhibit B (when applicable), the Current Obligations, Disclosures A & B, Delinquent Debt Certification, and Disclosure of Business Operations in Iran are required to be submitted in order to be considered for selection.

If the required forms are not printed through the EPAS application, they are located and available for download under the Statement of Interest tab on the IDOT website: [Statement of Interest](#).

Note:

- **Actual signatures are required on the documents.**
- **Forms without actual signatures will be returned.**

LISTING OF ADVERTISEMENTS

PTB 196

ITEM	COUNTY	DESCRIPTION
<hr/> Region 1/District 1 <hr/>		
1	Various	Job No. V-91-013-20, Various Phase III Construction Inspection Projects
2	Various	Job No. D-91-441-20, Various Phase II Hazardous Waste Assessments
3	Cook	Job No. D-91-365-20, Interstate 57 (FAI 57) at US 6 (159th Street), Phase II Project
4	Cook	Job No. C-91-196-18, I-55 at Lemont Rd., Phase III Project
5	Various	Job No. D-91-453-20, US Route 20 from W. of Randall Road to E. of Shales Pkwy, Phase II Project
6	Cook	Job No. D-91-449-20, FAU 3585 Main Street from Wheeler to IL 83 (Archer Ave.), Phase II Engineering
7	Various	Job No. D-91-444-20, Phase II Various Projects
8	Various	Job No. P-91-036-20, Data Bank Management for Various Projects,
9	Various	Job No. V-91-012-20, Various Phase III Construction Inspection Projects
10	Lake	Job No. D-91-451-20, FAP 346 (US Route 41) at IL Route 176 (Rockland Road) Interchange Reconstruction, Phase II Engineering Project
11	Various	Job No. P-91-037-20, Various Phase I Engineering for Drainage Studies and Hydraulic Reports
12	Cook	Job No. D-91-358-20, FAP 391 Pershing Road from Ashland Avenue to Wentworth Avenue/ I-90/94 (Dan Ryan), Phase II Engineering
13	Cook	Job No. D-91-369-20, Eastbound I-190 from Bessie Coleman Drive to I-90, Phase II Engineering Services
14	Cook	Job No. D-91-370-20, I-190 at Bessie Coleman Drive, Phase II Engineering Services
15	Various	Job No. D-91-445-20, Various Phase II Traffic Signal Projects, Traffic Signal Coordination & Timing (SCAT)
16	Various	Job No. D-91-443-20, Various Phase II Pavement and Bridge Preservation Projects with Project Support Services

ITEM	COUNTY	DESCRIPTION
17	Various	Job No. D-91-460-20, Various Phase I/II Geotechnical Investigations
18	Cook	Job No. D-91-450-20, FAP 383 Ohio Street at North Branch Chicago River, Phase II Engineering Services
19	Various	Job No. P-91-040-20, Various Phase I Engineering Services
20	Various	Job No. V-91-014-20, Various Bridge Painting Inspections, Phase III Projects
21	Various	Job No. D-91-446-20, Various Phase I/II Land Survey Projects
22	Various	Job No. D-91-448-20, Various Phase I/II Land Survey Projects
23	Various	Job No. V-91-015-20, Various Phase III Inspection Projects (Pavement Marking and other Traffic Control Devices)
Region 2/District 2		
24	Ogle	Job No. D-92-083-05, Reconstruction and Widening of IL 251 from N. of Flagg Rd. to S. of IL 38 and of IL 38 from IL 251 in Rochelle
25	Various	Job No. P-92-007-19, Various Phase I Survey Projects
26	Various	Job No. V-92-007-20, Various Phase III Projects
27	Various	Job No. P-92-011-20, Various Phase I/II Projects
Region 2/District 3		
28	Various	Job No. V-93-004-20, Various Phase III Projects
29	Various	Job No. P-93-028-20, Various Phase I/II Land Survey Projects
30	Grundy	Job No. P-93-026-20/D-93-067-20, US 6 from Ashton Road to IL 47 in Morris, Phase I and II Engineering Services
Region 3/District 4		
31	Various	Job No. P-94-029-20, Various Phase I/II Engineering Projects
32	Peoria & Knox	Job No. V-94-009-20, FAI 474 (I-474) and FAI 74 (I-74) over the BN RR and Kickapoo Creek & over the Spoon River and TRB 238, Phase I and II Engineering Services
33	Various	Job No. V-94-004-20, Various Phase III Construction Inspection Projects

ITEM	COUNTY	DESCRIPTION
34	Tazewell & Woodford	Job No. V-94-008-20, FAI 155 (I-155) and FAI 74 (I-74) over the Mackinaw River, Phase I and II Engineering Services
35	Various	Job No. V-94-006-20, Various Phase III Construction Inspection Projects
36	Various	Job No. P-94-045-20, Various Phase I/II Land and Route Surveys
Region 3/District 5		
37	Vermilion	Job No. C-95-029-17, Phase III Construction Inspection I-74
38	Various	Job No. V-95-001-20, Various Phase III Construction Inspection Projects
Region 4/District 6		
39	Adams	Job No. P-96-006-20/D-96-045-20, IL 96 from US 24 to North of Kochs Lane in Quincy, Phase I and II Engineering Services
40	Macoupin	Job No. P-96-011-20/D-96-528-07, IL 4 from NCL of East Gillespie to IL 16, Phase I and II Engineering Services
41	Various	Job No. P-96-012-20, Various Phase I/II Engineering Projects
42	Various	Job No. V-96-001-20, Various Phase III Projects
43	Sangamon	Job No. D-96-081-20, Various Phase II Hanley Building Complex Parking Improvements
Region 4/District 7		
44	Effingham	Job No. D-97-089-20, Fayette Avenue, Reconstruction US 40/US 45/IL 33, Phase II Engineering Services
Region 5/District 8		
45	Madison	Job No. D-98-109-20, Widening of I-270 from Mississippi River to East of IL 111, Phase II Engineering Services
46	Marion	Job No. D-98-064-12, I-57 from Jefferson County Line to north of IL 161
47	Madison	Job No. P-98-001-25/D-98-002-25, Superstructure Replacement of S.N. 060-0202 carrying IL Route 3 over Railroad Yard, Phase I and II Engineering Services
48	Madison	Job No. C-98-119-20, Phase III Construction Engineering, I-270 and IL 111 Interchange Reconstruction Project
49	Madison	Job No. P-98-022-20, IL Route 140 (FAP 785) Terra Dr. to Annex St, Phase I Services

ITEM	COUNTY	DESCRIPTION
50	Madison	Job No. P-98-007-24/D-98-017-17, IL Route 4 South of I-55 to South of IL Route 143, Phase I and II Engineering Services
51	Various	Job No. MT-98-001-20, Various Phase III Materials Quality Assurance Testing and Inspection Projects
52	Various	Job No. D-98-111-20, Various Phase I/II Survey Projects, Various Routes, Various Counties, Region Five/District Eight.
53	Various	Job No. P-98-038-20, Various Phase I and/or II Projects
54	Various	Job No. P-98-039-20/D-98-112-20, Various Phase I/II Land Surveying Projects
55	St. Clair	Job No. P-98-001-05, IL Route 3 (FAP 312) over the A&S RR, Phase I Services
56	St. Clair	Job No. D-98-108-20, FAI 64 (I-64) from West of Green Mount Rd to West of IL 158, Phase II Engineering Services
57	St. Clair	Job No. D-98-067-14, IL 158 Extension from IL 161 to IL 177, Phase II
58	Madison	Job No. P-98-004-21, US Route 40 from Formosa Road to Bethany Lane, Phase I Engineering Services
59	Randolph	Job No. D-98-110-20, Various Phase I and/or II Projects on IL 3 & IL 150
60	Madison	Job No. D-98-069-12, IL 3 Intersection Reconstruction at West Delmar Avenue and Pierce Lane, Phase II

Region 5/District 9

61	Various	Job No. P-99-014-20, Various Phase I/II Engineering Projects
62	Various	Job No. P-99-016-20/D-99-061-20, Various Phase I/II Projects
63	Various	Job No. P-99-017-20, Various Phase II Engineering Projects

Bureau of Bridges and Structures

64	Various	Job No. N-37-001-20, 2D Hydraulic Quick Check Guidebook and Examples, Statewide
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Bureau of Design and Environment

65	Various	Job No. P-30-005-20, Various Statewide Noise and Vibration Projects, Various Routes, Various Counties, Statewide
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ITEM	COUNTY	DESCRIPTION
Bureau of Operations		
66	Various	Job No. S-60-001-21, Various Traffic Signal Coordination and Timing (SCAT) Projects
67	Various	Job No. D-60-001-21, Various Statewide Sign Structure Inspection Projects
68	Various	Job No. S-60-002-21, Various Traffic Signal Coordination and Timing (SCAT) Projects
69	Various	Job No. D-60-002-21, Various District 1 Sign and Tower Structure Inspection Projects
Bureau of Urban Program Planning		
70	Various	Job No. HPR-66-026-20, Illinois Rail Needs Assessment Study, Statewide
Department of Natural Resources		
71	Various	IDNR Project AML-2149, Various Phase III Construction Inspection and Site Investigation Projects
72	Various	IDNR Project AML-2148, Various Phase III Construction Inspection and Site Investigation Projects
73	Various	IDNR Project OWR-362, Various Phase III Construction Inspection Projects
74	Henry	IDNR Project 1-20-044, Hennepin Canal - West End Levee Restoration, Phase I/II

1. **Job No. V-91-013-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 6, 2020 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various construction projects throughout the District One area. Twelve (12) to Sixteen (16) engineers and /or engineering technicians are anticipated to be required during the 2020 and 2021 and 2022 (if applicable) construction seasons. Typical assignments would include, but are not limited to, general construction inspection, project finalization and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting and providing general assistance as a member of a field crew. Survey/layout services may be required. The Consultant will furnish a Project Manager and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies. This work may be in either English or metric units.

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

The personnel shall have a good working knowledge of department Specifications for Road and Bridge Construction, the department Construction Manual and documentation and in inspection procedures.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	25
Proposed Staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

The completion date for this contract will be 18 months after authorization to proceed.

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

- Project Manager
- Inspectors (A current IDOT Construction Documentation Certificate is desired)

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

2. **Job No. D-91-441-20, Various Phase II Hazardous Waste Assessments, Various Routes, Various Counties, Region One/District One.**

This project requires **10% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2020 at 10:00 AM** at the Region One/District One office in **Schaumburg**.

The department has contracted with the Illinois State Geological Survey (ISGS) to conduct preliminary environmental site assessments (PESA's) of property proposed for highway use. ISGS conducts land-use history investigations; researches federal, state, and local records; conducts field surveys; and determines if the property contains recognized environmental conditions (RECs), de minimis conditions, or no RECs. Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

Based on PESA results, districts work with the Environment Section of the Bureau of Design and Environment (BDE) to decide whether additional analyses or other remediation actions are necessary.

Engineering services are required to perform "Preliminary Site Investigations" (PSI's), and when necessary Detailed Site Investigations (DSI's) which are identical to CERCLA RI/FS's. PSI's will entail investigations of sites potentially containing regulated substances. A variety of sites may be investigated (e.g., old, abandoned, or improperly closed dumps, chemical manufacturing sites, metal plating / fabricating sites, dry cleaning/service stations, storage tank sites and buildings, structures containing potential contamination, spills in IDOT yards, and screening for the presence of radionuclides).

Also, provisions for laboratory and field testing including geophysical surveys when needed will be required for a wide variety of regulated substances including but not limited to: soil and water quality parameters including contaminants i.e., PCB's, pesticides, heavy metals, organics and radioactive wastes.

Additional work will include conducting surveys and testing, if applicable, of stored materials, tank contents, and containers to determine whether hazardous waste, special waste, hazardous materials, or other regulated substances are present, conducting environmental compliance audits and developing or maintaining environmental management systems.

The department will furnish the Consultant with the PESA and, as available, Project Reports, field survey data, soil survey data, and plans of the existing and proposed transportation facility. Evaluation, summarization, engineering analysis, and reporting on PSI's, DSI's, laboratory analysis and survey work are included as an important part of this work.

ANTICIPATED WORK SUMMARIES FOR THE VARIOUS TYPES OF POSSIBLE WASTE ASSESSMENTS:

POTENTIAL WASTE SITES INCLUDING UST-LUST SITES

Engineering services are required to perform Preliminary Site Investigations (PSI) and on occasion, Details Site Investigations (RI/FS's and RCRA assessments), plus projects requiring remedial design, which may include underground storage tank (UST) removal, and construction oversight of sites suspected to contain regulated substances, UST and leaking tanks (LUST), and/or unsecured materials of concern. The PSI's are to include verification of subsurface geologic and hydrologic conditions, identification of chemical contamination and identification of the extent of chemical contamination, when feasible.

PSI investigations include items of work such as work plans, health and safety plans, surface geophysical investigations, trenching, drilling, sampling, chemical analysis, and reporting. Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant.

Following the completion of on-site activities, the firm will compile and evaluate the data and condition of each investigated property. Soil and groundwater analytical results will be compared to the applicable remediation objectives for the maximum allowable concentrations of chemical constituents in uncontaminated soil used as fill material at regulated fill operations (MAC) (35 Illinois Administrative Code (IAC) 1100.605 Subpart F and Title 35 IAC Part 742, Tiered Approach to Corrective Action Objectives (TACO)).

For example, the PSI report will include an estimate of total volume of impacted soil exceeding MAC table and groundwater exceeding TACO remediation objectives. If potentially impacted soil and / or groundwater are encountered, an approach for the management and, if necessary, the off-site disposal of these materials will be presented. Approximate volume estimates and associated cost estimates for transportation and disposal will be developed and presented based on information gathered during the scope of this PSI, as well as measures to reduce potential construction worker exposures to soil exceeding ingestion or inhalation reference concentrations. Recommendations for further investigation will be presented if it is necessary to more accurately define the extent of contamination.

As a task is identified, the department will request the Consultant to prepare an outline of the work phases and technical approach, personnel requirements, detailed cost breakdown, and a schedule that is consistent with the task request. When a task order is awarded for investigation, the Consultant will be fully responsible for the sampling, testing and reporting.

For performance of this work, the Consultant will be required to assign the necessary full-time staff described in its Statement of Interest and, in many cases (except emergency response oversight), to respond with a draft work plan within 15 working days of tasking, conduct field work within ten working days after authority to proceed, prepare the draft report within three months after the authority to proceed, and complete the final report two weeks following IDOT comments. For emergency response oversight, the Consultant will be required to respond within four hours. The department will typically assign a target final report completion date to each work order. Assuming sufficient lead time has been provided by the district, the department will normally request submittal of the final report no later than eight to 17 weeks prior to the anticipated letting date.

The Consultant will be required to prepare IEPA LPC-663 forms (Uncontaminated Soil Certification for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation [USFO]). This certification form is used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil is uncontaminated soil and is within a pH range of 6.25 and 9.0, inclusive. The firm's professional engineer or

professional geologist will be required, when necessary based on results of the PSI, to stamp and sign the LPC-663 forms.

MISCELLANEOUS SURVEYS AND TESTING

Engineering services to perform environmental surveys and/or testing on an as-needed basis will include assignments such as conducting surveys and testing of stored materials, tank contents, containers, and environmental media (e.g., surface water, soil, air, and groundwater).

The work may also include assignments such as reviewing and evaluating existing property-specific information, providing technical expertise on an as-needed basis, corrective actions in order to achieve “No Further Remediation” clearance, and other ad hoc environmental-related tasks within the scope of services normally provided by a hazardous waste Consultant.

EMERGENCY RESPONSE OVERSIGHT

Engineering services are required to perform emergency response oversight. Oversight shall include but not be limited to review of health and safety plans, drilling, sampling, chemical analysis, waste classification, reporting and coordinating the release with the proper authorities (IEPA, IEMA, U.S. EPA, Army Corps of Engineers and/or other State or Federal Agencies). Laboratory testing, including quality assurance/quality control is considered to be the responsibility of the Consultant. The Consultant should be prepared to perform any task to minimize the release and cleanup. The goal of these work assignments is to obtain closure for the release from the proper State and Federal Agencies.

ENVIRONMENTAL PLANS FOR DEPARTMENT OPERATIONS FACILITIES

Engineering services may be required to review current department operational facilities on current practices that impact the environment, investigate past practices and make recommendations for mitigation and improvements. Assist with the development of an environmental management system, which will provide a framework for practices, procedures, and processes to manage the Bureau of Operations’ Environmental Program.

EXTRANET

To help the department facilitate review of work plans and PSI reports and project tracking, the Consultant will be required to upload all information regarding each work order and to provide any technical assistance necessary to ISGS in the maintenance of the extranet site hosted by ISGS. Information uploaded shall include but not be limited to draft and final work plans, draft and final PSI reports, budget information, analytical results, site location maps, site photographs, and progress reports.

CONFIDENTIALITY

(1) Unless otherwise directed by IDOT, the Consultant shall hold all information provided by IDOT and the results of the work performed by the Consultant confidential and shall not disclose the same to any third party except where required by governmental regulatory agencies or as otherwise required by law. Documents shall be marked “Confidential,” “Attorney Work Product,” “Attorney-Client Privileged,” or as directed by IDOT. The confidentiality provisions herein shall survive any termination or expiration of this agreement. The Consultant shall retain the right to disclose necessary information for financial, tax and insurance audits as required, subject to a

confidentiality agreement with the auditor. Specific information concerning the work performed will not be disclosed without IDOT's prior approval.

(2) It is understood that: (i) you will make a reasonable effort to be available upon reasonable advance notice; (ii) you will keep confidential all information obtained, or analyses developed, in connection with this litigation or any related litigations with respect to which we may seek your advice and counsel; (iii) you will use such confidential information solely in connection with your engagement by IDOT; (iv) you will preserve any written materials, including e-mails generated or received by you in connection with this engagement, as such materials are potentially discoverable in litigation; (v) you will not in the future consult for, or otherwise represent, any other person or entity with an interest adverse to IDOT's interests in or concerning the pending litigation, or the events or occurrences out of which the pending litigation arises; and (vi) you will keep confidential your retention by IDOT, unless and until you are identified in court papers as a testifying expert or we otherwise authorize you to breach this confidentiality.

(3) It is specifically understood that if you are later designated a testifying expert, all documents that you create may become discoverable, including drafts and notes prepared prior to the time that your opinion or report is finalized.

Therefore, you agree that: (i) you will not prepare any draft opinion or report without our consent (regardless of whether the draft is for internal purposes or to share with others); (ii) you will not share any draft opinion or report, or any notes, with any other person without our consent; (iii) every draft opinion or report will bear the following legend: 'This is a preliminary draft. It has been prepared based on preliminary information and assumptions. No one may rely on this draft. It is subject to change as additional information becomes available or is clarified'; (iv) all notebooks or individual pages of notes will bear the following legend: 'these notes are incomplete and have been prepared for personal use only. No one may rely on them for any purposes. It is subject to change as additional information becomes available or is clarified'.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$6,000,000. The completion date for this contract will be 60 months after authorization to proceed.

Statements of Interest must include the following:

- The location of the office from which the majority of work on this project will be performed and managed.
- An organization chart showing the Administrative / Managerial Staff of the office and a flow chart of key Technical / Professional Staff, including field and risk assessment staff that will

be assigned to this project. Similarly, information of subconsultants' location/ organization should be provided.

- The name of the laboratory that will be used for this project. The selected firm must have the capability of using either in-house or subcontracted laboratory facilities, which are qualified to work on IEPA sites. The laboratory shall have an approved IEPA quality assurance plan and follow that plan in performing the analyses.
- A statement of your firm's ability to do the work in-house, or if necessary, what work is to be subcontracted. Indicate item(s) of work, which would be subcontracted, and the proposed subcontractor(s).
- A description of your mobilization plan to be used upon notification that a work order has been authorized.
- A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders.

The prime firm must be prequalified in the **Special Services (Hazardous Waste: Advance)** category. It is desired the firm be familiar with IDOT contracts.

The chosen firm will have a wide range of experience and sufficient breadth and depth to adroitly handle anything in the special waste/hazardous waste field. The firm will have expert staff to minimize the start-up learning curve for work under this PTB. Previous experience and knowledge on IDOT projects is not necessarily required. Some work will involve experience equivalent to the Special Services (Hazardous Waste-Simple) prequalification category.

Firms will be evaluated on their ability to comprehend the scope of work, as evidenced by their statements of interest and prequalification packages, the quality and experience of their assigned staff; team organization, management and responsiveness; and management and data quality assurances as evidenced by laboratory procedures. The mobilization plan in the SOI will provide sufficient detail to demonstrate understanding of the process.

Additionally, the firm must comply with the following:

- Use laboratory facilities that are accredited by the IEPA under 35 Illinois Administrative Code 186.
- Use appropriately licensed and certified equipment and appropriately licensed and registered subconsultants.

Statements of Interest, including resumes of key people to be used on the project, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

3. **Job No. D-91-365-20, Interstate 57 (FAI 57) at US 6 (159th Street), Phase II Project, Cook County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **20% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project, and all sub-consultants the Prime consultant will be using, is scheduled to attend an initial meeting on **July 29, 2020 at 1:00 PM** at the Region One/District One Office in **Schaumburg**.

Phase II Engineering services are required for the preparation of plans, specifications and estimates including the TSL and structure plans to current standards for the reconstruction and widening of the 159th Street Bridge over Interstate 57. The anticipated improvements may include resurfacing, ADA improvements, sidewalk and shared-use path improvements, lighting improvements, and all other incidental work required to complete Phase II contract plans.

The following structure is included in this project, S.N. 016-1013: 159th Street over Interstate 57.

The department will furnish the Consultant with available microfilm plans, project report, hydraulic report, Bridge Condition Reports, and other available items.

The Consultant will prepare roadway plans, TS&L plans, structural plans, supplemental surveys, all applicable permits and all other necessary related work to complete Phase II contract plans. The Consultant will also review and prepare plans to ensure that all plans are within the framework of the Department's policies and procedures and local agency's requirements, and all applicable manuals and schedules. The Consultant may be required to prepare plans in 3D.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	25

The estimated construction cost for this project is \$4,315,000. The completion date for this contract will be 18 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveys)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports) (SGR)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and 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 through the Engineering and Prequalification Agreement System (EPAS).

4. Job No. C-91-196-18, I-55 at Lemont Rd., Phase III Project, Cook County, Region One/District One.

This project may contain Federal Funds.

This project requires **25% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 6, 2020 at 11:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement of I-55 at Lemont Rd. Work includes, but is not limited to, removal of existing 4-span bridges and replacement with 2-span structures; pavement reconstruction and widening of mainline and loop ramps with composite pavement; drainage, lighting, landscaping and safety improvements to accommodate new bridge and widened mainline pavements. Any and all incidental and collateral work necessary to complete the improvement.

The following structure may be included, S.N. 022-2036: NB & SB I-55 over Lemont Rd.

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

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS and CMMS software. The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	10
Proposed staffing from Prime and any Subconsultants	30
Proposed DBE use	10
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	20

The anticipated construction completion date is October 31, 2022 plus 5 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS/CMMS trained. Include the Documentation Certificate Number for IDOT).
- The Materials Coordinator.
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing).
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified).
- The Survey Chief.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

5. **Job No. D-91-453-20, US Route 20 from W. of Randall Road to E. of Shales Pkwy, Phase II Project, Various Counties, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2020 at 1:00 PM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and cost estimates and all other work required to complete the improvement of the US Route 20 from W. of Randall Road to E. of Shales Pkwy.

Scope of work consists of roadway reconstruction and bridge rehabilitation of US Route 20 from W. of Randall Road to E. of Shales Pkwy. The project limits extend 6.9 miles including 1.3-mile omission area near McClean Blvd. interchange. Scope will include bridge replacement, bridge new deck, bridge repair, bridge superstructure, bridge widening for structures within the project limits, ramp modification at interchanges at Randall Road and Shales Pkwy, and channelization, add auxiliary lanes, safety improvements and noise barriers along US Route 20.

The following structures are included in this project:

- S.N. 045-0017: IL Route 31 bridge over US Route 20
- S.N. 045-0004: US Route 20 bridges over Fox River
- S.N. 045-0005: Raymond Street
- S.N. 045-0006: St. Charles Street
- S.N. 045-0007: Liberty Street
- S.N. 045-0217: Poplar Creek

The Consultant's work will include the preparation of contract plans, special provisions, estimates, structure geotechnical investigation and analysis, TS&L drawings and structure plans, retaining walls, traffic signal plans, highway drainage, traffic staging, erosion control and all other work required to complete the project.

The project is anticipated to be completed using 3D terrain modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department will furnish the Consultant with available microfilm plans, project report, location drainage study, hydraulics reports, pavement design and other available applicable items.

Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

The construction cost for the US Route 20 from W. of Randall Road to E. of Shales Pkwy is estimated to be \$79,100,000. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer). Include resume that lists freeway projects on which the individual acted as Project Manager.
- 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). Include resume that lists freeway projects on which the individual acted as Project Engineer.
- The persons who will be in charge of the structural design teams (must be an Illinois Licensed Structural Engineer). Include resumes of all key team members and their experience with IDOT work on freeway structures.
- The person(s) who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports) (SGR)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)

Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

6. **Job No. D-91-449-20, FAU 3585 Main Street from Wheeler to IL 83 (Archer Ave.), Phase II Engineering, Cook County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **20% DBE** participation or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 5, 2020 at 10:00 AM** at the Region One/ District One Office in **Schaumburg**.

Phase II engineering services are required for improvements to Main Street from Wheeler Drive to IL Route 83 (Archer Avenue). The Consultant's work is expected to consist of preparing plans, specifications and cost estimates. The improvement consists of reconstructing ditches, installing storm sewer systems, replacing culverts and installing left turn lanes. This project is located in the Village of Lemont.

The Consultant's work includes roadway plans, TS&L, structure plans, supplemental surveys, all applicable permits and all other necessary related work to complete Phase II contract plans.

The Consultant will also review and prepare plans to ensure that all plans are within the framework of the department's policies and procedures and local agency's requirements, and all applicable manuals and schedules.

The following structures are included in this project:

- S.N. 016-0924: Main St (Lemont) over I & M canal
- S.N. 016-0917: Main St (Lemont) over I & M canal
- S.N. 016-0915 Main St (Lemont) over CAL-SAG Channel
- S.N. 016-1403: Main St over Creek

The department will furnish the Consultant with available microfilm plans, project report, structure inspection reports, location drainage study, and any other relevant & available items.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	15
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	25

The estimated construction cost for this project is \$5,755,000. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the 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 structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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 with adequate plan review experience and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and 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 through the Engineering and Prequalification Agreement System (EPAS).

7. **Job No. D-91-444-20, Phase II Various Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **20% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 10:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase are II engineering services required for work related to contract plan preparation for bridge and road improvements, development of specifications and estimates, plan review and surveying on various projects in District One. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Work Orders may include the preparation of contract plans for various projects involving roadway, bridge repairs and improvements, drainage improvement plans, preparation of miscellaneous roadway plans and structure details (TS&L plans, structure plans), ADA ramp details, review of plans by consultants and local agency consultants for roadway and bridge rehabilitation projects, obtaining pavement composition cores for resurfacing projects and geotechnical borings for structure designs and providing supplemental field and bridge deck surveying for various projects. The primary focus on the scope for the work orders will be structures related.

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	2
Proposed DBE use	8
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost of these projects may range from \$300,000 to \$3,000,000. The estimated engineering fee for this project is \$2,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

- The person who will 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 **Special Services (Surveying)** prequalification may be completed by the Sub and/or Prime Consultant
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Structures (Highway: Typical)

Highways (Roads and Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

8. **Job No. P-91-036-20, Data Bank Management for Various Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **20% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all sub consultants the prime Consultant will be using, are scheduled to attend an initial meeting on **August 5, 2020 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

A Data Bank Management Consultant (DBMC) is required for field collection and office processing of all roadway, structure, jurisdictional confirmation/changes, construction changes, Pavement Condition Ratings and traffic monitoring data as outlined in the various Illinois Highway Information System (IHIS) manuals. In periods of extraordinary demand for crash data, the DBMC shall assist Data Bank personnel in expediting the timely retrieval and delivery of crash data packages. The IHIS manuals can be found on the IDOT website.

The DBMC will be expected to review and complete Functional Class (FC) requests under the direction and supervision of the Program Development Section Chief. With regard to the FC duties, the DBMC would be expected to coordinate with all IDOT, Municipal Councils, and Local Governments to make sure all FC roadway requests are done in a timely manner and provide other assistance as required. The DBMC will also be required to perform Condition Rating Surveys (CRS) which includes performing video review and analysis of pavement on roadway segments and providing an accurate rating of the pavement condition of each segment.

The DBMC must have proficiency in computer technology, database management, Microsoft Office programs, and geographical information system (GIS) applications.

Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. The DBMC will be expected to perform work similar to the departments Data Bank staff and shall report to the Data Bank Manager. The DBMC staff, (as many as five (5) may be required) will be expected to perform work in the District offices and in the field five (5) days per week. The work will require working directly with IDOT staff, regular data entry, data problem solving, and the updating of IDOT proprietary applications and databases as well as field data collection, which will include directional road and structure inventory. Inventory will include all State and non-State routes based on inventory cycles and roadway changes. The Consultants work will include collection, verification, and processing of a wide range of highway related data items. Other types of data collection may be required such as bike routes, paths, and pedestrian walkways.

All DBMC personnel must have a valid Illinois driver's license. A minimum of three (3) staffers must be made available initially for training and a minimum staff level be maintained thereafter to provide for continuity. Continuity and availability of trained personnel throughout the contract is required. After the initial training, it shall be the responsibility of the Consultant to provide trained personnel at the expense of the Consultant. The measure of acceptable professional services delivered will be the accuracy, completeness, and timeliness of the work performed.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	15
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$1,000,000. The Completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will 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 supervise the work at the IDOT office, the field data collection, and other consultant staff and will be the point person for all daily communications with the IDOT Project Manager.
- The person(s) who will perform the duties of DBMC, include applicable experience with this type of work.
- The person(s) who will perform the QC/QA review work of the contract documents, field data collection and all milestone submittals.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

9. **Job No. V-91-012-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 6, 2020 at 9:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various construction projects throughout the District One area. Twelve (12) to sixteen (16) engineers and /or engineering technicians are anticipated to be required during the 2020 and 2021 and 2022 (if applicable) construction seasons. Typical assignments would include, but are not limited to, general construction inspection, project finalization and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting and providing general assistance as a member of a field crew. Survey/layout services may be required. The Consultant will furnish a Project Manager and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies. This work may be in either English or metric units.

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

The personnel shall have a good working knowledge of Department Specifications for Road and Bridge Construction, the Department Construction Manual and documentation and in inspection procedures.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

The completion date for this contract will be 18 months after authorization to proceed.

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

- Project Manager.
- Inspectors (A current IDOT Construction Documentation Certificate is desired).

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

10. **Job No. D-91-451-20, FAP 346 (US Route 41) at IL Route 176 (Rockland Road) Interchange Reconstruction, Phase II Engineering Project, Lake County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2020 at 1:00 PM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the improvements of US Route 41 at IL Route 176 interchange. The Consultant's work is expected to consist of preparing contract plans, specifications, and estimates for reconstruction of the US Route 41 at IL Route 176 interchange. The Consultant's work may include topographic survey, drainage design, roadway, bridge and underpass lighting, traffic signal modernization, geotechnical services as well as other roadway and structural tasks as determined by the department. The proposed improvement will consist of construction of acceleration and deceleration lanes to and from US Route 41 at West Washington Avenue, elevation adjustments on US Route 41 to increase vertical clearance on the IL Route 176 bridge, intersection improvements at the US Route 41 at Washington Avenue intersection, additional through lanes and turn lanes at IL Route 176 and IL Route 43, Shagbark Road and Skokie Valley Road intersections, and traffic signal replacement and all other incidental work required to complete Phase II contract plans.

The Consultant will also review and prepare plans to ensure that all plans are within the framework of the department's policies and procedures and local agency's requirements, and all applicable manuals and schedules. The consultant may be required to prepare plans in 3D.

The following structures are included in this project:

- S.N. 049-0131: IL 176 over US 41
- S.N. 049-0032: North Shore Bike Path over US 41
- S.N. 049-0013: IL 176 over East Skokie Ditch

The department will furnish the Consultant with available microfilm plans, project report, structure inspection reports, location drainage study, and any other relevant & available items.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated construction cost for this project is \$37,200,000. The completion date for this contract will be 30 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of traffic signal design (must be an Illinois Licensed Professional Engineer). The **Special Studies (Traffic Signals)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Complex)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports) (SGR)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- 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 with adequate plan review experience and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)

Structures (Highway: Typical)

Statements of Interest, including resumes of the key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

11. **Job No. P-91-037-20, Various Phase I Engineering for Drainage Studies and Hydraulic Reports, Various Routes, Various Counties, Region One/District One.**

This project requires **18% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2020 at 9:30 AM** at the Region One/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 report will be completed in conjunction with Project Reports completed by others. All documentation and the supporting computations are to be presented in the study/report format as appropriate. Preparation of Location Drainage Studies shall be in accordance with the District requirements. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with historical highway plans, aerial mosaic, ground surveys, hydraulic stream surveys, contour mapping, flood insurance studies, floodplain maps, pavement flooding incident reports, and information about known drainage problems, if available.

The Consultant's work includes, but is not limited to, data collection, field verifications, roadway survey, stream survey, survey note reductions/plotting, drainage investigations, determination of drainage patterns, storm sewer cleaning/televising, drainage system evaluation and design, presentation/coordination with local agencies, bridge scour evaluation, development of Waterway Information Tables, hydrologic/hydraulic analyses, Hydraulic Reports for waterways and pump stations.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	15
Proposed Staffing from Prime and any subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The firms experience in the specific district with required project work	10
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge of common District Hydrologic and Hydraulic practices, experience with State & Local drainage practices, study methods, and familiarity with Federal, State & Local regulatory agency practices.	10

The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 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/supervise the work in the area of drainage calculations and preparation of the Drainage Reports 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 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 currently accepted by the department is also required to perform drainage assignments. Resumes of drainage engineers must state hydraulic and hydrologic modeling experience for the last five (5) years.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Studies (Location Drainage)

Hydraulic Reports (Waterways: Complex)

Hydraulic Reports (Pump Stations)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

12. **Job No. D-91-358-20, FAP 391 Pershing Road from Ashland Avenue to Wentworth Avenue/ I-90/94 (Dan Ryan), Phase II Engineering, Cook County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project, and all subconsultants the Prime consultant will be using are scheduled to attend an initial meeting on **July 27, 2020 at 9:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the improvements to Pershing Road (FAP 391) from Ashland Avenue to Wentworth Avenue / I-90/94 (Dan Ryan). The Consultant's work is expected to consist of preparing plans, specifications, and estimates to current standards and policies for the reconstruction of Pershing Road. The proposed improvement also consists of the type, size, and location (TS&L) and structure plans for the replacement of the existing bridge structure carrying Pershing Road over Racine Avenue and the Norfolk Southern Railroad (NS RR). Other work includes modifying the roadway profile, roadway lighting, pedestrian and bicycle accommodations, modernization of traffic signals, route surveys, geotechnical engineering services, and all other related work to complete Phase II contract plans.

The Consultant will also review and prepare plans to ensure that all plans are within the framework of the department's policies and procedures and local agency's requirements, and all applicable manuals and schedules.

The project is anticipated to be completed using 3D terrain modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The following structure is included in this project, S.N. 016 – 0396 (Proposed 016-1423): Pershing Road over Racine Avenue & NS RR.

The department will furnish the Consultant with available as-built plans, microfilm plans, project report, hydraulic report, and any other available data.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	20
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated construction cost for this project is \$31,000,000. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the 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(s) who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of traffic signal design (must be an Illinois Licensed Professional Engineer). The **Special Studies (Traffic Signals)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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 with adequate plan review experience and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and 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 through the Engineering and Prequalification Agreement System (EPAS).

13. **Job No. D-91-369-20, Eastbound I-190 from Bessie Coleman Drive to I-90, Phase II Engineering Services, Cook County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **17% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 24, 2020 at 9:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, structure plans, specifications and cost estimates and all other work required to complete the improvement of the Eastbound Interstate 190 (I-190) from Bessie Coleman Drive to I-90. The scope of work includes widening and reconstruction, new flyover ramps, bridge removal/replacements and ramp reconfigurations.

The scope is anticipated to include stakeholders' coordination with the Chicago Department of Aviation and Federal Aviation Administration and address any comments, geometric revisions or environmental approvals necessary and resulting from that coordination. An Addendum Environmental Survey Request (AESR) will be prepared by others.

Phase II is anticipated to consist of the preparation of roadway plans, TS&L plans, structure plans, supplemental surveys, all applicable permits and all other necessary related work to complete Phase II contract plans. The consultant will also review and prepare plans to ensure that all plans are within the framework of the department's policies and procedures and local agency's requirements, and all applicable manuals and schedules. The project is anticipated to be completed using 3D terrain modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department will furnish the consultant with available microfilm plans, project reports, location drainage study, hydraulic reports, pavement design and other available applicable items.

The Consultant's Statement of Interest will be rated based upon:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	10
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$171,000,000. The completion date for this contract will be 18 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer). Include resume that lists freeway projects on which the individual acted as Project Manager.
- 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). Include resume that lists freeway projects on which the individual acted as Project Engineer.
- The person who will be in charge of the structural design teams (must be an Illinois Licensed Structural Engineer). The staff performing this work must be identified. Include resumes of all key team members and their experience with IDOT work on freeway structures.
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Complex)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The **Geotechnical Services (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of stakeholders' coordination (must be an Illinois Licensed Professional Engineer). The **Location Design Studies (Reconstruction/Major Rehabilitation)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person(s) who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work with adequate plan review experience and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)

Structures (Highway: Complex)

Statements of Interest, including resumes of the key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

After all responses have been evaluated, firms may be asked to make oral presentations during the week of July 22, 2020.

14. **Job No. D-91-370-20, I-190 at Bessie Coleman Drive, Phase II Engineering Services, Cook County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **18% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 24, 2020 at 1:00 PM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, structure plans, specifications and cost estimates and all other work required to complete the improvement of the Interstate 190 (I-190) at Bessie Coleman Drive interchange.

The scope is anticipated to include stakeholders' coordination with the Chicago Department of Aviation and Federal Aviation Administration and address any comments, geometric revisions or environmental approvals necessary and resulting from that coordination. An Addendum Environmental Survey Request (AESR) will be prepared by others.

Phase II is anticipated to consist of the preparation of roadway plans, TS&L plans, structure plans, supplemental surveys, all applicable permits and all other necessary related work to complete Phase II contract plans. The consultant will also review and prepare plans to ensure that all plans are within the framework of the department's policies and procedures and local agency's requirements, and all applicable manuals and schedules. The project is anticipated to be completed using 3D terrain modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department will furnish the consultant with available microfilm plans, project report, location drainage study, hydraulic reports, pavement design and other available applicable items.

Consultants Statement of Interest will be rated based upon:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	10
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$22,000,000. The completion date for this contract will be 18 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer). Include resume that lists freeway projects on which the individual acted as Project Manager.
- 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). Include resume that lists freeway projects on which the individual acted as Project Engineer.
- The person who will be in charge of the structural design teams (must be an Illinois Licensed Structural Engineer). The staff performing this work must be identified. Include resumes of all key team members and their experience with IDOT work on freeway structures.
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Complex)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The **Geotechnical Services (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of stakeholders' coordination (must be an Illinois Licensed Professional Engineer). The **Location Design Studies (Reconstruction/Major Rehabilitation)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person(s) who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work with adequate plan review experience and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)

Structures (Highway: Advanced Typical)

Statements of Interest, including resumes of the key personnel noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

15. **Job No. D-91-445-20, Various Phase II Traffic Signal Projects, Traffic Signal Coordination & Timing (SCAT), Various Routes, Various Counties, Region One/District One.**

This project requires **5% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants of the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2020 at 9:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for developing traffic signal coordination and timing (SCAT) for various systems located in District One including closed loops systems and traffic management systems. The Consultant will also be required to respond in the field to traffic signal and system operational issues, complaints and other District needs on short notice. Therefore, the proximity of the Consultant's staffed office to District One is important in providing a timely response. Also, the Consultant is expected to prepare or review traffic signal design/networking plans, traffic studies, and other tasks as assigned by the District's Traffic Programs Engineer. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

- After a Work Order has been assigned, the Consultant shall have two (2) weeks to implement a functional interim Time-of-Day operation program.
- Data Collection - Field collection of traffic counts, turning movements, signal phasing, signal timings, equipment inventory, and other data needed to quantify existing operating conditions and determine signal optimization alternatives.
- Data Analysis – Using the Synchro modeling software version as directed by the Department, run the database for each of the selected locations. Recommendations for optimal signal operation plans will be generated utilizing the existing signal equipment and also equipment with minor recommended enhancements using the existing signal phasing and recommendations for improving signal phasing. Engineering judgment will be used to select the final plan to be recommended for implementation. Signal operation plans shall consider not only typical morning, mid-day and evening programs but other programs necessary to address seasonal and special use traffic generator impacts.
- Implementation - The approved Time-of-Day optimization plan will be placed in operation with any necessary fine-tuning adjustments. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation - A study of the effectiveness of the optimization plan will be conducted. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of carbon monoxide emissions. Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

- Field observation of signal operations – Identify operational problems, suggest corrective action and provide response to the complaint.
- Prepare and submit a final report for each assigned traffic signal system work order in both hard copy and electronic formats.
- Assist the department in the evaluation of traffic signal operation objectives, needs and traffic demand to determine if other signal control technologies are appropriate.

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

The Consultant’s other work may include the preparation and/or review of traffic signal/networking plans, traffic studies and other tasks in accordance with the District’s policies and guidelines.

The Consultant’s Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firm’s experience with required project work	20
Firm’s understanding/method of accomplishing project requirements	10
Project Specific Criteria: Traffic signal system networking experience	10

The estimated engineering fee for this project is \$800,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will 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(s) who will perform the work necessary to prepare traffic signal coordination and timing optimization plans, prepare and review traffic signal design/networking plans and traffic studies.
- The person who has the necessary experience with traffic signal equipment and who will recommend equipment enhancements, implementation of the optimization plans, recommend any fine-tuning adjustments and will identify corrective action to address operational complaints.
- The person who conducts the evaluation of the optimization plans.

- The person(s) who is(are) responsible for establishing parameters for traffic adjusted operation of closed-loop signal and traffic management systems, the methodology used in establishing traffic adjusted optimization, and a listing of prior traffic adjusted programs recently implemented by the individual(s). The individual(s) must demonstrate through current experience in District One optimization along with the ability to set-up a closed-loop traffic responsive system using both volume and occupancy settings. The individual(s) must demonstrate recent District One experience in the development of traffic signal coordination and timing, utilizing the District's standard traffic controllers: Eagle/Tactics and Econolite/Aries.
- The person who will perform QC/QA review work of all final and milestone submittal documents.

Statements of interest must also include the Consultants' relevant District One SCAT projects, do not list more than ten (10) projects, completed by the firm within the past five (5) years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Studies (Signal Coordination & Timing (SCAT))

Special Studies (Traffic Signals)

Special Studies (Traffic Studies)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

16. **Job No. D-91-443-20, Various Phase II Pavement and Bridge Preservation Projects with Project Support Services, Various Routes, Various Counties, Region One/District One.**

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 27, 2020 at 9:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for work related to contract plan preparation for pavement and bridge preservation projects, development of specifications and estimates, related project support services, and surveying on various projects in District One. Work orders under the blanket agreement will be negotiated and authorized by the Department on an as-needed basis.

Phase II engineering services are also required for assisting in engineering management and project support as well as other functions as necessary to accomplish Phase II services. The Consultant will be required to provide staff responsible for cost estimating tasks and assisting in project management, and any other personnel necessary to assist in various plan preparation work tasks as required. It is anticipated that up to three (3) individuals may be required for these services. A minimum of three (3) years of contract plan preparation (Phase II) or construction inspection (Phase III) experience is preferred. The Consultant personnel will work predominately at the Consultant's office but may occasionally be asked to come work at the District Office.

Work Orders may include the preparation of contract plans for various projects involving roadway, bridge repairs and improvements, preparation of miscellaneous roadway plans and structure details, ADA ramp details, review of plans by consultants and local agency consultants for roadway and bridge preservation projects, obtaining pavement composition cores for pavement preservation projects, and supplemental field and bridge deck surveying for various projects. Work Orders will primarily focus on contract plan preparation for pavement and bridge preservation projects which may include smart overlays, crack and joint sealing, and deck overlays.

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

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	2
Proposed DBE use	8
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost of these projects may range from \$300,000 to \$6,000,000. The estimated engineering fee for this project is \$4,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will 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 **Special Services (Surveying)** prequalification may be completed by the Sub and/or Prime Consultant
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firms must be prequalified in the following categories to be considered for this project:

Structures (Highway: Typical)

Highways (Roads and Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

17. **Job No. D-91-460-20, Various Phase I/II Geotechnical Investigations, Various Routes, Various Counties, Region One/District One.**

This project requires **25% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2020 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

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

The department will furnish the Consultant with the available plans, historical data, and survey benchmarks necessary to perform the work.

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

The consultant will also be expected to perform work similar to an IDOT Geotechnical Analysis Engineer and report to the Geotechnical Section Chief. The consultant's work may include data collection, geotechnical analyses, and review of geotechnical reports prepared by others. The consultant will be expected to perform work in the District office as needed.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	22
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	18
Firms understanding/method of accomplishing project requirements	20

The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

The prime firm must be prequalified in the following categories to be considered for this project:

Geotechnical Services (Subsurface Explorations)

Geotechnical Services (General Geotechnical Services)

Geotechnical Services (Structure Geotechnical Reports (SGR))

Geotechnical Services (Complex Geotechnical/ Major Foundation)

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 Engineering Prequalification and Agreement System (EPAS).

18. **Job No. D-91-450-20, FAP 383 Ohio Street at North Branch Chicago River, Phase II Engineering Services, Cook County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **12% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the repair and rehabilitation of the Ohio Street bridge over the North Branch Chicago River, and the Ohio Street Feeder approach bridges over the Union Pacific Railroad and Kingsbury Street. The Consultant’s work is expected to consist of preparing plans, specifications, and estimates to current standards for the repair and overlay of the bridge decks on each of the four bascule bridge leaves, including the TSL and structure plans, and for the repair and/or replacement of the bridge joints. The proposed improvement may also consist of other bridge rehabilitation as needed including possible repairs to the electrical, mechanical, and lighting facilities.

The work will also include topographic and investigative surveys, performed utilizing infrared and/or ground penetrating radar, to help determine the extents of repairs needed, and all other incidental work required to complete Phase II contract plans.

The Consultant will also review and prepare plans to ensure that all plans are within the framework of the department’s policies and procedures and local agency’s requirements, and all applicable manuals and schedules.

The following structures are included in this project:

- S.N. 016-0202 (Existing): Ohio Street over North Branch Chicago River
- S.N. 016-1061 (Existing): Ohio Street Feeder West Approach over the Union Pacific Railroad
- S.N. 016-1053 (Existing): Ohio Street Feeder East Approach over Kingsbury Street

The department will furnish the Consultant with any available as-built plans, microfilm plans, bridge inspections, and any other available data.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated construction cost for this project is \$10,700,000. The completion date for this contract will be 18 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Complex)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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 with adequate plan review experience and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)

Structures (Moveable)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

19. **Job No. P-91-040-20, Various Phase I Engineering Services, Various Routes, Various Counties, Region One/District One.**

This project requires **16% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 9:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase I engineering services are required for all work associated with the preparation of preliminary engineering and environmental studies throughout District One. The work may include new Phase I studies for intersections, small highway segments, bridges, and/or assisting the department in completing on-going Phase I studies and tasks. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

The Consultant will be expected to perform work similar to an IDOT Project Manager/Squad Leader & Staff, and report to the Consultant Studies Unit Head in the Bureau of Programming. The Consultant's work may include data collection, preparation of base maps, geometric studies, safety studies including accident analysis, capacity analysis including intersection design studies, route as well as stream surveys, project reports anticipated to be processed as Categorical Exclusions, Combined Design Reports, bridge inspections and condition reports, drainage studies including Hydraulic Reports, cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks. The Consultant will be expected to perform work in the district office as needed. The Consultant may also be required to assist the district in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other consultants.

The selected Consultant and/or subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultant may not manage another firm if the relationship was reversed during another phase of work.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	20

The cumulative cost of construction of these projects is anticipated to range from \$50,000,000 to \$250,000,000. The estimated engineering fee for this project is \$2,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structure work with adequate plan review experience).
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public Involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; drafting press releases and property owner contact letters, etc.

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Reconstruction/Major Rehabilitation)

Environmental Reports (Environmental Assessment)

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 through the Engineering and Prequalification Agreement System (EPAS).

20. **Job No. V-91-014-20, Various Bridge Painting Inspections, Phase III Projects, Various Routes, Various Counties, Region One/District One.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 6, 2020 at 10:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for the supervision, inspection, and documentation of various painting and inspection contracts. Work includes, but is not limited to, providing contract supervision/inspection for various painting and inspection contracts as requested by the District.

The Consultant will be required to furnish a laptop computer equal to the latest type used by the department for each project. Illinois Construction Records System (ICORS) software and CMMS will be provided for downloading on the Consultant’s computer.

The department will furnish the Consultant with site specific plans and specifications per project, the existing special provisions, the Standard Specifications for Road and Bridge Construction, the Supplemental Specifications, any other available paint data, and a contact person(s) to act as a liaison between the Consultant and the department.

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	30
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The completion date for this contract will be 18 months after authorization to proceed.

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

- Project Manager, the person who will assume the duties of the Project Manager for all aspects of the work must be an Illinois Registered Professional Engineer.
- Project Engineer, the person performing the duties of the Project Engineer must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3.
- Resident Liaison Engineer, the person performing the duties of the Resident Liaison Engineer shall be a National Association of Corrosion engineers (NACE) Certified Coatings Inspector – Level 3 or shall possess similar experience and knowledge.

- Inspectors (2 to 4) – The persons performing the duties of the Inspector must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3.
- The Documentation Engineer/Technician (1) - (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT class.)

The Consultant is required to have the following:

- Five (5) years of experience in construction management and inspection services during surface preparation and coating application.
- Three years of experience in environmental and worker monitoring on industrial lead paint removal projects.
- Documented and acceptable quality control procedures.
- All necessary equipment to provide or accomplish the above-mentioned tasks.

Statements of Interest must also include the following:

- Your firm's experience with this type of work, including the firm's experience in construction management and inspection and in environmental work and worker monitoring.
- Your firm's techniques for completion of this work.
- Names of key personnel along with resumes indicating qualifications including the registered Professional Engineer in charge of the project, the person who will act as project Engineer and the name(s) of the NACE Certified Coatings Inspector(s) who will act as Resident Liaison Engineer/Technician(s).
- A statement of your firm's ability to do the work in-house, or if necessary, what work you would need to subcontract.
- Name, location, and accreditation of laboratory to be used.
- A statement of your firm's ability to perform the work within the time-frame described above.
- The firm's quality assurance and quality control plan.
- If selected firm must submit a SEFC in EPAS to obtain an approved overhead rate.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

Firms interested in submitting for this item and are not currently prequalified must contact the Bureau of Design and Environment via e-mail to establish an account in EPAS so the firm can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an account in EPAS may be directed to the Bureau of Design and Environment at DOT.ConsultantServices@illinois.gov

21. **Job No. D-91-446-20, Various Phase I/II Land Survey Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 24, 2020 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase I/II engineering services are required for various land surveying projects throughout District One. Work orders under this blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the consultant with the proposed ROW requirements from Programming/Design, proposed alignment data (preferably CADD file if available), current title commitments, existing ROW plats from P&P archives, checklist, and cover sheets each work order is negotiated.

The Consultant's work shall include field and office resources to prepare statutory plats of highways (excess parcel, easement, dedication and plats of survey may also be requested), legal descriptions, and field staking of same in accordance with the current Land Acquisition Policies and Procedures Manual. A copy of the current manual can be found on the IDOT website under Resources/Manuals & Guides. Some GIS and database work may also be required. The Consultant must also have a current QA/QC plan in place to review internal work as well as assigned subconsultant projects.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QA/QC review work of all work order submittal documents (must be an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

22. Job No. D-91-448-20, Various Phase I/II Land Survey Projects, Various Routes, Various Counties, Region One/District One.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 27, 2020 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase I/II engineering services are required for various land surveying projects throughout District One. Work orders under this blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the consultant with the proposed ROW requirements from Programming/Design, proposed alignment data (preferably CADD file if available), current title commitments, existing ROW plats from P&P archives, checklist, and cover sheets each work order is negotiated.

The Consultant's work shall include field and office resources to prepare statutory plats of highways (excess parcel, easement, dedication and plats of survey may also be requested), legal descriptions, and field staking of same in accordance with the current Land Acquisition Policies and Procedures Manual. A copy of the current manual can be found on the IDOT website under Resources/Manuals & Guides. Some GIS and database work may also be required. The consultant must also have a current QA/QC plan in place to review internal work as well as assigned subconsultant projects.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$250,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QA/QC review work of all work order submittal documents (must be an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

23. **Job No. V-91-015-20, Various Phase III Inspection Projects (Pavement Marking and other Traffic Control Devices), Various Routes, Various Counties, Region One/District One.**

This project requires **21% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 10, 2020 at 10:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various pavement marking projects throughout the District One area. It is expected to require one (1) to two (2) engineers and/or engineering technicians to provide general assistance as field crew members during the 2020, 2021 and 2022 [if applicable] construction seasons. Typical assignments would include, but not limited to, general construction inspection, project finalization, and documentation of pavement markings, raised pavement markers, roadway signing, and all other work required for the project. Working hours may be extended and not be during typical work hours.

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

The Consultant's staff shall have a good working knowledge of Department Specifications for Road and Bridge Construction, the Department Construction Manual and documentation and in inspection procedures.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

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

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

- Inspectors (A current IDOT Construction Documentation Certificate is required).
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT).

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

24. **Job No. D-92-083-05, Reconstruction and Widening of IL 251 from N. of Flagg Rd. to S. of IL 38 and of IL 38 from IL 251 in Rochelle, Ogle County, Region Two/District Two.**

This project may contain **Federal Funds**.

This project requires **25% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 10:00 AM** at the Region Two/District Two Office in **Dixon**.

Phase II engineering services are required for the completion of contract plans for the reconstruction and widening of IL 251 from approximately 0.3 miles north of Flagg Rd. to 0.2 miles south of IL 38, and the reconstruction and widening of IL 38 from IL 251 to approximately 0.1 miles east of IL 251 in Rochelle. IL 251 will be widened to 5-lanes with a Bi-Directional turn lane. The scope may include reconstruction, widening, proposed curb and gutter, ADA improvements, ADA design, traffic signals, bicycle and pedestrian accommodations, proposed profile changes to achieve proper drainage. The maintenance of traffic will be critical to ensure all businesses remain open during construction.

The approved Phase I Design Report was completed under the guidelines of Context Sensitive Solutions (CSS), and the Phase II design is expected to continue select coordination / public involvement with the stakeholders identified in Phase I.

Select Phase II plan sheets have previously been developed to 50% (Preliminary) completion and will be provided to the Consultant for review and continued development. The segment of IL 251 from Fairview Drive to Kyte Creek (including the intersection with Flagg Rd) was widened and reconstructed in 2009 by Ogle County and will be omitted from the project reconstruction scope.

Structural improvements are not anticipated to the bridge that carries IL 251/Kyte Creek; however, the multi-use path will need to be carried across this structure.

Drainage / storm sewer / culvert design will be completed by the department and inserted into the Consultant contract plans. Right-of-Way plats and appraisals will be performed by the department

The department will complete and provide any geotechnical borings as well as roadway and/or culvert geotechnical reports. Bridge/structure geotechnical reports are not anticipated for this project.

This project is anticipated to be completed using 3D modeling utilizing Bentley's OpenRoads Designer CONNECT Edition version 10.08.00.88 and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual. IDOT'S OpenRoads Designed CADD environment is scheduled to be released in March of 2020.

Phase II is anticipated to include the preparation of detailed contract plans, special provisions, estimate of cost, estimate of time, and all associated materials, barrier warrant analysis, guardrail design, typical sections, roadway plans, profiles, maintenance of traffic plans, erosion control plans, landscaping plans, pavement marking plans, traffic signal plans, special details, cross

sections, schedules, quantities, coordination with department regarding the department drainage design and Pavement Design, signing plans, revise and update the Traffic Management Plan (TMP), Special Waste coordination and submittals, and pickup field surveys as needed. Coordination with other agencies, municipalities, and special interest groups is anticipated with this project, public information meeting(s) participation, bicycle and pedestrian accommodations per Complete Streets policy, identifying utility conflicts and relocations. Coordination with local agency for insertion of lighting plans.

The department will furnish the Consultant with any available as-built/existing plans, microfilm plans, inspection reports, approved project report, approved IDSs, traffic data, proposed storm sewer design, soils boring data, and any other available information that may be pertinent. The approved Intersection Design Studies (IDS) will be provided at Jones Rd., Carrie Ave., 8th St., Fairview Dr. and IL 38.

The Consultant will prepare roadway plans, all applicable permits and all other necessary related work required to complete the Phase II contract plans.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	25

The estimated construction cost for this project is \$9,000,000. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the 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 surveys (must be an Illinois Licensed Professional Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person in charge of Public Involvement procedures. Include a detailed description of Public Involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; owner contact letters, exhibits and displays, etc.

- The person who will perform the duties of traffic signals (must be an Illinois Licensed Professional Engineer). The **Special Studies (Traffic Signals)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

25. Job No. P-92-007-19, Various Phase I Survey Projects, Various Routes, Various Counties, Region Two/District Two.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2020 at 10:30 AM** at the Region Two/District Two Office in **Dixon**.

Phase I engineering services are required to furnish various survey projects throughout District Two. Work is anticipated to include field office assistance for surveys to establish or re-establish section corners, reference said corners to centerlines, preparation of a cover sheet, Right-of-Way Plats, Easement Plats, Premise Plats, legal descriptions, Monument Record Plats (copies of recorded Monument Record Plats to be furnished by the Consultant), section Corner Plat of Survey work, topographic surveys, cross-sections, profile, existing and proposed centerline alignments, drainage inverts, and any other tasks deemed necessary to complete the work in accordance with the department's Survey Manual and District Two procedures. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

In addition, all survey information will be acceptable for design purposes and formatted per IDOT specifications. All data collected electronically or plotted will comply with IDOT CADD standards and use standard IDOT Survey Point Codes. This project is anticipated to be completed using 3D modeling utilizing Bentley's OpenRoads Designer CONNECT Edition version 10.08.00.88 and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual. IDOT'S OpenRoads Designed CADD environment is scheduled to be released in March of 2020.

Some GIS and database work might also be required. The Consultant must also have a QA/QC plan to review internal work as well as assigned IDOT projects. The Consultant may be required to contact local land surveyors for their input and may be expected to obtain historic survey reference data.

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

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated construction cost for these projects may range from \$10,000 to \$20,000,000. The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

26. **Job No. V-92-007-20, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Two.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all sub-consultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2020 at 10:30 AM** at the Region Two/District Two Office in **Dixon**.

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

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

The Consultant will assist the Resident Engineer with all documentation of the project, all necessary plans, specifications, and related forms for record keeping. It is anticipated that the department will do all off site material inspection for the project. The various proposed projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

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

The Consultant will also provide their vehicles, cell phones, computers, tools of the trade, and any other equipment deemed necessary to perform the work.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed Staffing from Prime and any subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated construction costs for these projects may range from \$200,000 to \$30,000,000. The estimated engineering fee for this project is \$500,000. 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 completion of the project. The completion date for this contract will be 60 months after authorization to proceed.

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

- Liaison Engineer who will assume duties as Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The Materials QA Technician/Inspector(s) - Include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of experience with materials inspection.
- The Document Technician (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation certificate number for IDOT).

The prime firm must be prequalified in the **Special Services (Construction Inspection)** category to be considered on this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design & Environment through the Engineering and Prequalification Agreement System (EPAS).

27. Job No. P-92-011-20, Various Phase I/II Projects, Various Routes, Various Counties, Region Two/District Two.

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2020 at 10:30 AM** at the Region Two/District Two Office in **Dixon**.

Phase I and/or II engineering services including environmental services are required for various projects throughout District Two. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

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

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

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

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	25

The estimated construction cost for these projects may range from \$50,000 to \$4,000,000. The estimated engineering fee for this project is \$1,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic/drainage calculations and preparation of the Drainage/Hydraulic Reports (must be an Illinois Licensed Professional Engineer.) The **Special Studies (Location Drainage)** and **Hydraulic Reports (Waterways: Typical)** prequalification categories requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of surveys (must be an Illinois Professional Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)

Structures (Highway: Typical)

Location Design Studies (Rehabilitation)

The prime consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented 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 (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial Conditions.

Statements of Interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

28. Job No. V-93-004-20, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Three.

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 10:00 AM** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for construction inspection and HMA quality assurance inspection as captioned below. Phase III engineering services are required for the inspection, supervision, construction layout, field material testing (all field material testing will be completed with IDOT equipment) and field inspection for roadway rehabilitation throughout District three (3). The various types of jobs are anticipated to consist of route and seal, patching, traffic signals, landscaping, milling and resurfacing, bridge repair and replacement, concrete pavement, and pavement marking.

The Consultant will be asked to furnish four (4) to twenty (20) inspectors on various projects. The Consultant is expected to perform onsite inspection, engineering layout, and verification of contractor staking, maintain documentation, submit pay estimates, change orders, and any other duties required to complete these projects on a timely basis and in accordance with the State Specifications and guidelines. The inspectors should be knowledgeable in the use of the department's documentation tracking system (CMMS).

In addition, the consultant may be asked to provide HMA laboratory testing services for QCP and PFP HMA projects utilizing the Consultant's laboratory, equipment and personnel.

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	15

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

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

- The Construction Inspectors. (4 - 20 individuals to perform on-site inspection, survey and QA inspection). A current IDOT Construction Documentation Certification and experience and a workable knowledge in the area of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC) and soils training are required.
- The person(s) performing the QA HMA. The **Special Services (Quality Assurance HMA & Aggregate)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

29. Job No. P-93-028-20, Various Phase I/II Land Survey Projects, Various Routes, Various Counties, Region Two/District Three.

This project requires **22% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 27, 2020 at 9:30 AM** at the Region Two/District Three Office in **Ottawa**.

Phase I/II engineering services are required for various surveying projects throughout District Three. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant's work shall include field and office resources to prepare/review statutory plats of highways and premise plats (excess parcel, easement, dedication and plats of survey may also be requested), legal descriptions, and field staking of same in accordance with the current Land Acquisition Policies and Procedures Manual and District Three procedures. A copy of the current manual can be found on the IDOT website under Resources/Manuals & Guides. Some GIS and database work may also be required. The Consultant must also have a current QA/QC plan in place to review internal work as well as assigned subconsultant projects.

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	7
Proposed DBE use	3
Available work capacity of firm	15
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QA/QC review work of all work order submittal documents (must be an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically, using the Engineering Prequalification and Agreement System (EPAS), to the Central Bureau of Design and Environment.

30. **Job No. P-93-026-20/D-93-067-20, US 6 from Ashton Road to IL 47 in Morris, Phase I and II Engineering Services, Grundy County, Region Two/District Three.**

This project may contain **Federal Funds**.

This project requires **20% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 5, 2020 at 10:00 AM** at the Region Two/District Three Office in **Ottawa**.

Phase I and II engineering services are required for the preparation of a Combined Design Report (anticipated to be a Categorical Exclusion) and final contract plans, specifications, and cost estimates for the reconstruction of US 6 (Bedford Road) from Ashton Road to IL 47. Phase II PS&E will be prepared for a portion of the project based on the results of the study and funding availability. The work may include reconstruction, roadway widening, addition of turn lanes, bi-directional turn lanes, shoulder widening and proposed curb and gutter. This project is anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The Phase I work includes preparation of a final Combined Design Report, conducting route surveys, proposed design, intersection design studies, crash analysis, addressing geometrics and ADA improvements, storm sewer design, and review of Bridge Condition Reports. Bicycle and pedestrian accommodations will be considered per complete streets policy. Preparing exhibits for public involvement, public meeting(s) participation, and coordination with other agencies is anticipated with this project. Utility conflicts and relocations, queue and delay analysis, cost estimates, preparing plan and profile sheets and cross-sections, preparing a transportation management plan, preparing a pavement design, and preparing a location drainage study will be needed. A noise study will be required, and all other work necessary to complete the Phase I Final Combined Design Report.

The Phase II work includes preparation of Phase II final contract plans, specifications, and estimates (PS&E) and all associated material, special details, special provisions; estimate of time, guardrail, storm sewer; preparing structure plans; preparing traffic control details; preparing highway lighting and electrical plans; reviewing shop drawings; and all other work necessary to complete the Phase II final contract PS&E.

The department will furnish the Consultant with any available existing structure and roadway plans, structure inspection reports, agency coordination, existing right-of-way plans, existing survey data and other information as necessary.

The following structure is included in this project, S.N. 032-0108: US 6 over East Fork of Nettle Creek.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	25

The estimated construction cost for this project is \$ 15,000,000. The completion date for this contract will be 60 months after authorization to proceed. The Phase I portion is expected to be completed in 36 months and the Phase II portion is expected to be completed in 24 months. A planned Supplement for Phase II will be prepared near the completion of Phase I.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person(s) who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by Sub and/or Prime Consultant.
- 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 **Special Studies (Location Drainage)** prequalification category requirement may be completed by the Sub and/or Prime consultant.
- 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, noise study, community impacts, and ecology, Environmental Staffing on Exhibit B must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads and Streets)

The prime consultant must be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented in 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 (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial Condition

Statements of Interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

31. **Job No. P-94-029-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Three/District Four.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2020 at 1:30 PM** at the Region Three/District Four Office in **Peoria**.

Phase I/II engineering services are required for work on various projects throughout District Four. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase I work, if required, may consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analyses, geometric analyses, environmental studies, preparing Bridge Condition Reports, Hydraulic Reports, Structure Geotechnical Reports, Type, Size, and Location (TS&L) plans, Intersection Design Studies (IDSs), and Project Reports (categorical exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analyses, traffic management plans, crash analyses, geometric studies, traffic studies, drainage studies, structure borings, geotechnical analysis and reporting, analysis of existing pavements including obtaining pavement cores, and all other related work required to produce the necessary Phase I documents and reports.

Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analyses, structure plans, roadway plans, drainage plans, lighting plans, geometric plans, geotechnical analyses and reporting, drilling and analysis of soil borings, traffic signal plans, traffic staging plans, temporary and permanent erosion control plans, plats and legal descriptions for Right-of-Way acquisition, and any other related work required to complete plans, specifications and estimates as necessary.

The department will furnish the Consultant with any available as-built plans, field notes and survey books, traffic data, crash information, structure inspection reports, existing Bridge Condition Reports, existing Hydraulic Reports, existing Right-of-Way plans, aerial photos, aerial mapping, electronic design files, boring logs, soils reports, and other available information.

The Consultant may be required to provide project management and/or project support staff to work in the District Four office. This work may include engineering, technical management, and/or project support and may be up to one-half of the contract value.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	20

The estimated construction costs of each project may range from \$50,000 to \$3,500,000. It is anticipated that this contract will include approximately six (6) to fifteen (15) different projects. The engineering services required may consist of only a portion of the total engineering work on a given project. The estimated engineering fee for this project is \$1,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will 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 hydraulic analysis (must be an Illinois Licensed Professional Engineer). The **Hydraulic Reports (Waterways: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of Structure Geotechnical Reports (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (Subsurface Explorations), Geotechnical Services (General Geotechnical Services), and Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- 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 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 surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

- The person who will perform/supervise the work in the area of Highway Lighting preparation documents (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of land acquisition documents (must be an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Structures (Highways: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design & Environment through the Engineering and Prequalification Agreement System (EPAS).

32. **Job No. V-94-009-20, FAI 474 (I-474) and FAI 74 (I-74) over the BN RR and Kickapoo Creek & over the Spoon River and TRB 238, Phase I and II Engineering Services, Peoria and Knox Counties, Region Three/District Four.**

This Project may contain **Federal Funds**.

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 27, 2020 at 10:00 AM** at the Region Three/District Four Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Project Report and final contract plans for the rehabilitation/replacement of the structures that carry I-474 over the BN RR and Kickapoo Creek in Peoria County and I-74 over the Spoon River and TRB 238 in Knox County.

The following Structures are included in this project:

- S.N. 072-0114: I 474 (EB) over BN RR and Kickapoo Creek
- S.N. 072-0115: I 474 (WB) over BN RR and Kickapoo Creek
- S.N. 048-0051: I 74 (WB) over the Spoon River and TRB 238
- S.N. 048-0052: I 74 (EB) over the Spoon River and TRB 238

Phase I engineering services will include preparation of two abbreviated project reports, environmental coordination (expected to be a Categorical Exclusion (State)), data collection, land, route, topography and hydraulic survey, hydraulic study, and bridge inspection for the purpose of development of the Bridge Condition Report (BCR) and Type, Size and Location Plans (TS&L), coordination with all involved agencies, crash analysis, preliminary cost estimates, Right-of-Way Information, traffic management analysis(TMA), preliminary staging plans, cross sections as required to determine construction limits and Right-of-Way needs, and all other work required to produce a Project Report. Additional work will include the development of a Bridge Condition Report, Hydraulic Report, Bridge Type Study, TS&L plans, Structure Geotechnical Report (SGR). Structure borings may be required.

Phase II engineering services will include the preparation of contract plans and documents for each location including roadway plans, final bridge plans, specifications, special provisions, cost estimates, pay items and quantities. Work will also include Traffic Management Plan (TMP), Maintenance of traffic/staging plans, cross sections, special details, shop drawing reviews, railroad coordination, estimate of time, supplemental survey information, and all other work required to complete construction plans.

The department will furnish the Consultant with all the available structure information, old plans, aerial photography and mapping, traffic data crash data, and existing Right-of-Way information, any available survey information, boring logs and any other available information.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proposed DBE use	10
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated construction cost of the project is \$22,140,000. The completion date for this contract will be 60 months after authorization to proceed. The Phase I portion is expected to be completed in 36 months and the Phase II portion is expected to be completed in 24 months. A planned Supplement for Phase II will be done near the completion of Phase I.

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 Design Report and contract plans (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis (must be an Illinois Licensed Professional Engineer). The person must demonstrate extensive use and knowledge of SRH-2D and the SMS modeling platform and shall provide specific examples. The person will need to be familiar with the Department's policies and practices and the work shall be done in accordance with the *IDOT Drainage Manual*.
- The person who will perform the duties of Structural Engineer, that individual who is directly involved in the analysis and development of the contract structural documents (must be an Illinois Licensed Structural Engineer). In addition 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 surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Structures (Highways: Typical)

Highways (Roads and Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

33. **Job No. V-94-004-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all sub-consultants the Prime Consultant will be using is scheduled to attend an initial meeting on **August 5, 2020 at 10:00 AM** at the Region Three/District Four Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, material testing, certification, documentation, and field inspection for roadway rehabilitation projects on various routes in various counties throughout District Four with an emphasis on the district's western and northern counties (McDonough, Henderson, Warren, Mercer, Knox, Fulton, Stark, Putnam and Marshall). The various types of jobs to be staffed by Consultants will be, but are not limited to: rout and seal, patching, traffic signals, landscaping, milling and resurfacing, bridge construction/repairs and pavement marking. Work Orders under the blanket agreement will be negotiated and authorized by the Department on an as-needed basis.

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

The Consultant may be required to furnish a laptop computer and/or tablet with cellular capabilities equal to the latest type used by Region Three/District Four for each project. The laptop computer and/or tablet will be used, but not limited to, for the documentation requirements in Illinois Department of Transportation's Construction and Materials Management System (CMMS). CMMS is a web-based contract administration system that each Consultant will use.

The Consultant may be asked to do inspection of embankment/subgrade compaction with a nuclear density gauge and the associated field laboratory tests.

The Consultant may be asked to assist in the determination or verification of final earthwork quantities on various projects. This work could include topographic surveys, plotting of cross-sections and calculations of quantities using either average end area method or digital terrain modeling.

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

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	20
Proposed Staffing from Prime and any Subconsultants	25
Proposed DBE use	5
Proximity of firm to project locations	5
Available work capacity of firm	15
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$1,000,000. The completion date for this project will be 60 months after authorization to proceed. The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

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

- The Liaison Engineer who will assume all duties as Project Manager for all aspects of the work (an Illinois Licensed Professional Engineer is preferred).
- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

34. Job No. V-94-008-20, FAI 155 (I-155) and FAI 74 (I-74) over the Mackinaw River, Phase I and II Engineering Services, Tazewell and Woodford Counties, Region Three/District Four.

This Project may contain **Federal Funds**.

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2020 at 10:00 AM** at the Region Three/District Four Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Project Report and final contract plans for the rehabilitation/replacement of the structures carrying I-155 and I-74 over the Mackinaw River in Tazewell and Woodford Counties.

The following Structures are included in this project:

- S.N. 090-0092: I-155 (SB) over the Mackinaw River
- S.N. 090-0100: I-155 (NB) over the Mackinaw River
- S.N. 102-0001: I-74 (WB) over the Mackinaw River
- S.N. 102-0002: I-74 (EB) over the Mackinaw River

Phase I engineering services will include preparation of two abbreviated project reports (expected to be a Categorical Exclusion (State)). Work will include environmental coordination, data collection, land, route, topography and hydraulic survey, hydraulic study, and bridge inspection for the purpose of development of the Bridge Condition Report (BCR) and Type, Size and Location Plans (TS&L), coordination with all involved agencies, crash analysis, preliminary cost estimates, Right-of-Way information, traffic management analysis (TMA), preliminary staging plans, cross sections as required to determine construction limits and Right-of-Way needs, and all other work required to produce a Project Report. Structure borings and preparation of SGR may be required.

Phase II engineering services will include the preparation of contract plans and documents for each location including roadway plans, final bridge plans, specifications, special provisions, cost estimates, pay items and quantities. Work will also include Traffic Management Plan (TMP), Maintenance of traffic/staging plans, cross sections, special details, shop drawing reviews, estimate of time, supplemental survey information, and all other work required to complete construction plans.

The department will furnish the Consultant with all the available structure information, old plans, aerial photography and mapping, traffic data crash data, and existing Right-of-Way information, any available survey information, boring logs and any other available information.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	20
Proposed DBE use	10
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated construction cost of the project is \$29,500,000. The completion date for this contract will be 60 months after authorization to proceed. The Phase I portion is expected to be completed in 36 months and the Phase II portion is expected to be completed in 24 months. A planned Supplement for Phase II will be done near the completion of Phase I.

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 Design Report and contract plans (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis (must be an Illinois Licensed Professional Engineer). The person must demonstrate extensive use and knowledge of SRH-2D and the SMS modeling platform and shall provide specific examples. The person will need to be familiar with the Department's policies and practices and the work shall be done in accordance with the *IDOT Drainage Manual*.
- The person who will perform the duties of Structural Engineer, that individual who is directly involved in the analysis and development of the contract structural documents (must be an Illinois Licensed Structural Engineer). In addition 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 surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Structures (Highways: Typical)

Highways (Roads and Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

35. **Job No. V-94-006-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the Prime Consultant will be using is scheduled to attend an initial meeting on **August 5, 2020 at 10:00 AM** at the Region Three/District Four Office in **Peoria**.

Phase III engineering services are required for the inspection, supervision, material testing, certification, documentation, and field inspection for roadway rehabilitation projects on various routes in various counties throughout District Four with an emphasis on the district's western and northern counties (McDonough, Henderson, Warren, Mercer, Knox, Fulton, Stark, Putnam and Marshall). The various types of jobs to be staffed by Consultants will be, but are not limited to, rout and seal, patching, traffic signals, landscaping, milling and resurfacing, bridge construction/repairs and pavement marking. Work Orders under the blanket agreement will be negotiated and authorized by the Department on an as-needed basis.

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

The Consultant may be required to furnish a laptop computer and/or tablet with cellular capabilities equal to the latest type used by Region Three/District Four for each project. The laptop computer and/or tablet will be used, but not limited to, for the documentation requirements in Illinois Department of Transportation's Construction and Materials Management System (CMMS). CMMS is a web-based contract administration system that each Consultant will use.

The Consultant may be asked to do inspection of embankment/subgrade compaction with a nuclear density gauge and the associated field laboratory tests.

The Consultant may be asked to assist in the determination or verification of final earthwork quantities on various projects. This work could include topographic surveys, plotting of cross-sections and calculations of quantities using either average end area method or digital terrain modeling.

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

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	20
Proposed Staffing from Prime and any sub-consultants	25
Proposed DBE use	5
Proximity of firm to project locations	5
Available work capacity of firm	15
The firms experience in the specific district with required project work	20
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$1,000,000. The completion date for this project will be 60 months after authorization to proceed. The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

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

- The Liaison Engineer who will assume all duties as Project Manager for all aspects of the work (an Illinois Licensed Professional Engineer is preferred).
- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

36. **Job No. P-94-045-20, Various Phase I/II Land and Route Surveys, Various Routes, Various Counties, Region Three/District Four.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all sub-consultants the Prime Consultant will be using is scheduled to attend an initial meeting on **July 28, 2020 at 10:30 AM** at the Region Three/District Four Office in **Peoria**.

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

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	25
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$500,000. The completion date for this project will be 60 months after authorization to proceed.

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

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

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

37. **Job No. C-95-029-17, Phase III Construction Inspection I-74, Vermilion County, Region Three/District Five.**

This Project may contain **Federal Funds**.

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 25, 2020** at **10:00 AM** at the Region Three/District Five Office in **Paris**.

Phase III engineering services are required for construction inspection for the replacement of two structures along I-74 over the Salt Fork Vermilion River west of Danville, IL. The improvement also includes crossovers, storm sewer, manholes, minor resurfacing, and other items associated with the structure replacement.

The following structures are included in this project:

- S.N. 092-0006: Interstate 74 eastbound over Salt Fork Vermilion River
- S.N. 092-0007: Interstate 74 westbound over Salt Fork Vermilion River

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

The Consultant's work includes, but is not limited to, providing adequate qualified staff, vehicles, and appropriate test equipment necessary to assist in performing the required inspection, layout, and other duties to allow the timely completion of this project in accordance with state specifications.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running CMMS software. The Consultant may be required to furnish a laptop computer and/or tablet with cellular capabilities equal to the latest type used by Region Three/District Five for each project. The laptop computer and/or tablet will be used, but not limited to, for the documentation requirements in Illinois Department of Transportation's Construction and Materials Management System (CMMS). CMMS is a web-based contract administration system that each Consultant will use.

The Consultant will perform on-site inspection, layout including design changes, provide construction layout when not provided for in the contract plans, provide geotechnical and nuclear inspection and testing, prepare records, maintain documentation, submit pay estimates, change orders and any other duties that would require the services of an engineer to complete this project on a timely basis and in accordance with State specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	20

This contract is scheduled for the 2020 through the 2023 construction seasons. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project. The completion date for this contract will be 36 months after authorization to proceed.

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

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Document Technician - The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. **Include the Documentation Certificate Number for IDOT.** Must be experienced and proficient with CMMS.
- The Construction/Materials Inspector/Tester – Must have experience and a working knowledge in the area of Hot Mixed Asphalt (HMA), Portland Cement Concrete (PCC), and Soils testing are highly desirable. All personnel performing materials field testing for PCC, HMA, and Soils testing must possess the most up-to-date certifications. Must be experienced and proficient with CMMS at the inspector level.
- The Survey Crew Chief

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS).

38. **Job No. V-95-001-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Five.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 25, 2020 at 1:30 PM** at the Region Three/District Five Office in **Paris**.

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

The Consultant will be required to furnish adequate qualified staff as approved by the district to assist in performing the required inspection, layout, and other duties to allow the timely completion of projects in accordance with state specifications. Projects requiring staffing may include, but not limited to, District wide patching and resurfacing contracts, or specific bridge projects, resurfacing, or urban rehabilitation projects. The Consultant will be required to assist in performing on-site inspections, layout including design changes, provide construction layout when not provided for in the contract plans, prepare records, maintain documentation, and provide general assistance as member of a field crew.

The department will furnish the Consultant with a Resident Engineer/Technician to direct the Contractor and to direct/coordinate the activities of the Consultant's staff. The department will also furnish the construction plans and specifications.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors. The Consultant and their subconsultant(s) will be prohibited from doing any work for contractors on any project the department has assigned them, including but not limited to Construction Staking.

The Consultant may be asked to provide a Liaison Resident Engineer to work directly with IDOT's Resident Engineer/Technician. The Consultant may be required to furnish a laptop computer and/or tablet with cellular capabilities equal to the latest type used by Region Three/District Five for each project. The laptop computer and/or tablet will be used, but not limited to, for the documentation requirements in Illinois Department of Transportation's Construction and Materials Management System (CMMS). CMMS is a web-based contract administration system that each Consultant will use.

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

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$500,000. This contract is scheduled for the 2020 through the 2024 construction seasons. The completion date for this contract will be 36 months after authorization to proceed.

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

- Liaison Engineer - Illinois Licensed Professional Engineer is preferred.
- Materials Inspector/Tester – Must have experience and a working knowledge in the area of Hot Mixed Asphalt (HMA), Portland Cement Concrete (PCC), and Soils testing are highly desirable. All personnel performing materials field testing for PCC, HMA, and Soils testing must possess the most up-to-date certifications.
- The Documentation Technician - The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate, must be experienced and proficient with CMMS, and willing to be a full-time bookkeeper in the field office if the need arises. Include the Documentation Certificate Number for IDOT.
- Construction Inspector - Personnel must have the level of training necessary as outlined in the department's "Project Procedures Guide" and must be experienced and proficient with CMMS at the inspector level.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

39. Job No. P-96-006-20/D-96-045-20, IL 96 from US 24 to North of Kochs Lane in Quincy, Phase I and II Engineering Services, Adams County, Region Four/District Six.

This project may contain **Federal Funds**.

This project requires **24% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 11, 2020**, at **1:30 PM** in the Region Four/District Six Office in **Springfield**.

Phase I and II engineering services are required for the rehabilitation of IL 96 from US 24 to North of Kochs Lane.

This project includes a project report, public involvement, roadway plans, drainage plans, a drainage study, temporary and permanent erosion control plans, land survey and topographical survey, right-of-way plats, and any other related work required to complete plans, specifications and estimates as necessary. Structural work is expected to be limited to box culvert extension and replacements.

The department will furnish the Consultant with microfilm plans, field notes, traffic data, agency coordination, aerial photos, boring logs, and other information.

This project is anticipated to be completed using 3D terrain modeling utilizing Bentley’s Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The Consultant’s Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$2,500,000. The Consultant’s work includes Project Report and Plans, Special Provisions, and Estimates. The completion date for this contract will be 60 months after authorization to proceed.

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

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

- The person who will 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(s) who will be in charge of right-of-way plats (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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).

The Statement of Interest must also include the Consultant's relevant projects completed by the firm by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects. Statements of interest must also provide a brief outline of proposed procedures to be used to accomplish the project objectives stated.

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Rehabilitation)

Highways (Roads and Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

40. **Job No. P-96-011-20/D-96-528-07, IL 4 from NCL of East Gillespie to IL 16, Phase I and II Engineering Services, Macoupin County, Region Four/District Six.**

This project may contain **Federal Funds**.

This project requires **24% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 18, 2020**, at **1:30 PM** in the Region Four/District Six Office in **Springfield**.

Phase I and II engineering services are required for the rehabilitation/reconstruction of IL 4 from North City Limits of East Gillespie to IL 16 and IL 16 from W of Clay Street to 0.1 MI E of IL 4.

This project includes a project report, public involvement, roadway plans, drainage plans, a drainage study, temporary and permanent erosion control plans, land survey and topographical survey, right-of-way plats, an intersection design study, traffic signal design, ADA ramp design, and any other related work required to complete plans, specifications and estimates as necessary.

The department will furnish the Consultant with microfilm plans, field notes, traffic data, agency coordination, aerial photos, boring logs, preliminary designs, and other information.

This project is anticipated to be completed using 3D terrain modeling utilizing Bentley's Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$2,000,000. The Consultant's work includes Project Report and Plans, Special Provisions, and Estimates. The completion date for this contract will be 60 months after authorization to proceed.

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

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

- The person who will 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(s) who will be in charge of right-of-way plats (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of traffic signal design and preparation of the IDS (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 Statement of Interest must also include the Consultant's relevant projects completed by the firm by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects. Statements of interest must also provide a brief outline of proposed procedures to be used to accomplish the project objectives stated.

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Rehabilitation)

Highways (Roads and Streets)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

41. Job No. P-96-012-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Four/District Six.

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 6, 2020 at 10:00 AM** in the Region Four/District Six Office in **Springfield**.

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

Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analyses, geometric studies, preparing Bridge Condition Reports, Hydraulic Reports, Structure Geotechnical Reports (SGR's), Type, Size and Location (TS&L) plans, Intersection Design Studies (IDS's), and Project Reports (categorical exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analyses, accident analyses, geometric studies, traffic studies, drainage studies, geotechnical analyses, and all other related work required to produce the necessary Phase I documents and reports.

Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analyses, structure plans, roadway plans, drainage plans, geometric plans, traffic signal design plans, roadway lighting design plans, geotechnical analyses, traffic staging plans, temporary and permanent erosion control plans, plats and legal descriptions for Right-of-Way acquisition, and any other related work required to complete plans, specifications and estimates as necessary.

The Consultant must also be knowledgeable in ADA/PROWAG requirements and may be expected to complete ADA compliant curb ramp designs for various intersections.

The various proposed projects may consist of ADA curb ramp improvements, 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.

In addition, Engineering Services may be required for a Consultant Project Manager (PM) for various Phase I and/or II department led processes and/or projects throughout District Six. The Consultant may be expected to perform work similar to an IDOT Project Manager/Team Member. The work may include engineering, management, public coordination, administrative services, and other work as necessary to ensure that assigned projects are completed in accordance with established schedules and budgets. The Consultant may be expected to perform work in the district office as needed. The Consultant may also be required to assist the district in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other consultants.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$750,000. The completion date for this contract will be 60 months after authorization to proceed. The estimated construction costs of these projects may range from \$100,000 to \$3,000,000. It is anticipated that this contract will include approximately five (5) to fifteen (15) different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

42. Job No. V-96-001-20, Various Phase III Projects, Various Routes, Various Counties, Region Four/District Six.

This project requires **21% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 10:00 AM**, at the Region Four/District Six Office in **Springfield**.

Phase III construction engineering services are required to provide construction inspection, supervision, engineering layout, on-site inspection, maintenance of records and documentation, on-site material testing, and/or quality assurance testing for various projects throughout District Six. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. The Resident Engineer will direct/coordinate the activities of the Consultant staff provided to supplement the department's staff. The Consultant may be required to furnish a liaison Resident Engineer to work directly with the IDOT Resident Engineer and provide staff to perform the engineering services required for these projects or provide staff to supplement the department staff. The Consultant's work force shall be adequate to allow completion of these projects in a timely manner and in accordance with the department's Standard Specifications for Road and Bridge Construction. The Consultant will provide tools of the trade. The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will be required to furnish construction supervision, engineering layout, on-site inspection, maintenance of records and documentation, on-site material testing, quality assurance testing, and perform other duties as directed by the IDOT Resident Engineer.

The Consultant may be required to furnish a laptop computer and/or tablet with cellular capabilities equal to the latest type used by Region Four/District Six for each project. The laptop computer and/or tablet will be used, but not limited to, for the documentation requirements in Illinois Department of Transportation's Construction and Materials Management System (CMMS). CMMS is a web-based contract administration system that each Consultant will use.

Quality Assurance (QA) oversight and Contractors Quality Control (QC) by the same consultant or one of their sub-consultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed Staffing from Prime and any sub-consultants	25
Proposed DBE use	5
Proximity of firm to project locations	5
Available work capacity of firm	15
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	10

The estimated construction costs for these projects may range from \$100,000 to \$80,000,000. The various projects are scheduled for construction during the calendar years 2021 through 2026 construction seasons. The estimated engineering fee for this project is \$1,500,000. The completion date for this project will be 60 months after authorization to proceed.

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

- The Documentation Technician(s). The person(s) actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT.
- Construction Inspectors. Inspectors should be familiar with IDOT inspection duties and requirements. The construction inspectors should be capable of performing geometric and physical layout as needed for construction purposes. Knowledge in the area of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC) and soils training are required. The person(s) actively performing as the construction inspectors on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

43. Job No. D-96-081-20, Various Phase II Hanley Building Complex Parking Improvements, Sangamon County, Office of Finance and Administration.

This project requires **24% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant are using are scheduled to attend an initial meeting on **July 30, 2020 at 1:30 PM** at the Hanley Building in **Springfield**.

Phase II engineering services are required for various improvements within the Hanley Building Complex. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Administration (Hanley) Building is a 277,091 square foot, four-story concrete and steel building constructed in 1965. Phase II engineering services are required for improvements to the parking lot and paved areas at the Hanley Complex including the loading dock areas, access roadways, warehouse areas and connected parking areas to the north and south. The parking area and loading dock encompass approximately 46,000 square yards. This may include signage, paving, resurfacing, pavement painting and striping, elimination of median areas, addressing drainage issues, retaining walls, pedestrian walkways, curbs and gutters repair/replacement, lighting, landscaping, bollards, pavement structure improvements and addition of approximately 150-200 new parking spaces. This work may include but is not limited to landscape architecture, geotechnical, stormwater management, drainage, structural, electrical and civil services.

The Consultant must also be knowledgeable about ADA/PROWAG requirements and may be expected to complete ADA compliant curb ramp designs.

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost of these projects is anticipated to be \$2,400,000. It is anticipated that this contract will include approximately three (3) to seven (7) different work orders. The engineering services required may consist of only a portion of the total engineering work on a certain project. The estimated engineering fee for this project is \$400,000. The completion date for this contract will be 48 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)

Structures (Highway: Typical)

Statements of Interest, including resumes of the key people noted above, must be submitted Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

44. Job No. D-97-089-20, Fayette Avenue, Reconstruction US 40/US 45/IL 33, Phase II Engineering Services, Effingham County, Region Four/District Seven.

This project may contain **Federal Funds**.

This project requires **25% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2020 at 1:00 PM** in the Region Four/District Seven Office in **Effingham**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimate of time for widening and reconstruction of the existing 4-lane Fayette Avenue roadway into a 5-lane roadway with sidewalks and shared-use path. Project limits are from Banker Street to east of Willow Street in Effingham. The project will include signalized intersection improvements, ADA ramp design, highway lighting design, storm sewer design, pavement design, stage construction plans, pavement marking plans, pick-up surveys, and geotechnical services.

The Consultant is expected to complete the project using 3D terrain modeling utilizing Bentley's Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department will furnish the Consultant with any available as-built plans, microfilm plans, survey data, field notes, Phase I combined design report, existing right-of-way plans, aerial photos, and other information.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$10,600,000. This contract must be completed by January 31, 2024.

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

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the plans, specifications, and estimates (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of Traffic Signals and Highway Lighting (must be an Illinois Licensed Professional Engineer). The **Special Studies (Traffic Signals)** and **Special Studies (Lighting: Typical)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- The person who will perform the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The required **Geotechnical Services (General Geotechnical Services)** prequalification category requirement may be completed by Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

45. **Job No. D-98-109-20, Widening of I-270 from Mississippi River to East of IL 111, Phase II Engineering Services, Madison County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **20% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 9:00 AM** at the Region Five/District Eight Office in **Collinsville**.

This project consists of the pavement widening and bridge repair/widening/replacements on I-270 from the Mississippi River to East of IL 111 including interchange reconstruction at IL 3, intersection reconstruction at IL 111 and Chain of Rocks Road and may include interchange reconstruction at I-270 and IL 111. This work will be broken into at least four construction projects over more than five years.

The following structures are included in this project:

- S.N. 060-2523: I-270 over drainage
- S.N. 060-2524: I-270 over drainage
- S.N. 060-0345: I-270 over Chain of Rocks Canal
- S.N. 060-0038 & 0039: I-270 over IL 3
- S.N. 060-0040 & 0041: I-270 over St. Thomas Road/RR
- S.N. 060-0042 & 0043: I-270 over Old Alton Road/IL 203/RR
- S.N. 060-0044 & 0045: I-270 over Engineers Road/RR
- S.N. 060-0046 & 0047: I-270 over IL 111

Phase II engineering services required for this project include the preparation of all Plans, Specifications and Estimates (PS&E documents) to widen I-270 to 6 lanes. This includes roadway and structure plans, maintenance of traffic plans, sign truss repair/replacement plans, noise wall plans, retaining wall plans, drainage plans, storm water pollution prevention plan, erosion control plans, roadway lighting plans, traffic signal plans.

Additional items include, but are not limited to, public involvement, supplemental surveys, geotechnical boings/cores and analysis, roadway geotechnical reports, structure geotechnical reports, detailed traffic management plans and all other necessary related work to complete Phase II.

The project is anticipated to be completed using 3D terrain modeling compatible with Bentley's SS4 and OpenRoads Technologies and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Items to be provided from the Phase I engineering services include a Project Report, route surveys, traffic management plan, utility coordination and correspondence, pavement design, Bridge Condition Reports and all other work associated with the approved Project Report.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$215,000,000. This work will be comprised of at least 4 (four) construction projects over more than 5 (five) years. The completion date for this contract will be 120 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of Structure Geotechnical Reports (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (Subsurface Explorations)**, **Geotechnical Services (General Geotechnical Services)**, **Geotechnical Services (Complex Geotech/Major Foundation)**, and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification category requirements may be completed by the sub and/or prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)

Structures (Highway: Advanced Typical)

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past ten (10) years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects.

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 through the Engineering and Prequalification Agreement System (EPAS).

46. **Job No. D-98-064-12, I-57 from Jefferson County Line to north of IL 161 in Marion County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **24% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2020 at 1:00 PM** at the Region Five/District Eight Office in Collinsville.

Phase II services are needed for the I-57 reconstruction from the Jefferson County Line to 0.7 miles north of IL 161 in Marion County. Phase II engineering services required for this project include the preparation of all Plans, Specifications and Estimates (PS&E documents). Additional items include but are not limited to Type, Size, and Location (TS&L) Plans for box culvert extensions, geometric modifications, drainage plans, maintenance of traffic plan, storm water pollution prevention plan, supplemental surveys and all other necessary related work to complete Phase II. The project is anticipated to be completed using 3D terrain modeling compatible with Bentley's SS4 and OpenRoads Technologies and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Items to be provided from the Phase I engineering services include a Project Report with a detailed environmental summary, location drainage study, preliminary plan, profile, and cross section work, crash analysis, traffic management plan, hazardous waste coordination, utility coordination, hydraulic survey, hydraulic report, and correspondence, public involvement associated with a Context Sensitive Solutions project, Bridge Condition Report, and all other work associated with the approved Project Report. Any Phase I items that are revised as a result of Phase II design process shall be amended as a part of the Phase II contract.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

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

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

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

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

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

Highways (Freeways)

Structures (Highway: Typical)

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past ten (10) years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects.

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 through the Engineering and Prequalification Agreement System (EPAS).

47. Job No. P-98-001-25/D-98-002-25, Superstructure Replacement of S.N. 060-0202 carrying IL Route 3 over Railroad Yard, Phase I and II Engineering Services, Madison County, Region Five/District Eight.

This project may contain **Federal Funds**.

This project requires **17% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 3, 2020 at 1:30 PM** at the Region Five/District Eight Office in **Collinsville**.

Phase I / Phase II services are needed for replacement of the superstructure of S.N. 060-0202 carrying IL 3 over the Army Depot Railroad Yard just south of Niedringhaus Ave in Granite City. The existing structure is an 11-span HMA overlaid concrete deck on concrete beam/girder structure approximately 592' in length back-to-back abutments.

Phase I engineering services required for this project include the preparation of Bridge Condition Report, coordination with railroad and adjacent property owners, bridge and roadway survey, traffic management plan, and all other work necessary to prepare a Project Report for Design Approval.

Phase II engineering services required for this project include preparation of Type Size and Location drawings (TS&L), continued stakeholder coordination, roadway plans, structure plans, maintenance of traffic plans, continued traffic management plan from Phase I, and any other related work to complete final plans, specifications, and estimates (PS&E documents).

The department will furnish the consultant with any existing structure and roadway plans, structure inspection reports, agency coordination, existing right-of-way plans, traffic data, utility coordination, and crash data.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The completion date for this contract will be 60 months after the authorization to proceed. The Phase I portion is expected to be completed in 24 months and the Phase II portion is expected to be completed in 36 months. A planned Supplement for Phase II will be done near the completion of Phase I.

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

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

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Reconstruction/Major Rehabilitation)

Structures (Highway: Advanced Typical)

Highways (Roads and Streets)

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past ten (10) years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects.

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 through the Engineering and Prequalification Agreement System (EPAS).

48. **Job No. C-98-119-20, Phase III Construction Engineering, I-270 and IL 111 Interchange Reconstruction Project, Madison County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants who the prime Consultant will be using are scheduled to attend an initial meeting on **August 13, 2020 at 10:00 AM** at the Region Five/District Eight office in **Collinsville**.

Phase III engineering services are required for construction inspection, supervision, construction layout, material testing, and record maintenance. This work is anticipated to consist of the complete reconstruction and reconfiguration of the I-270 and IL 111 interchange.

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

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

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

The Consultant may be required to furnish a laptop computer and/or a tablet device equal to the latest type used by Region Five/District Eight for each project. The computer and tablet shall be capable of running the department's Construction & Materials Management System (CMMS) web-based contract administration system. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer, if required.

Since the Contractor for this project may employ a firm to perform field and laboratory inspection of materials, the Consultant and any Subconsultant firm employed by the Consultant for this project will be excluded from employment as a subcontractor for the Contractor. In this way, a conflict of interest will be avoided.

The names and resumes of liaison Resident Engineers, technicians, materials coordinators, nuclear density inspectors, concrete/bituminous proportioning technicians, inspectors, and documentation technicians are to be furnished with the proposal. Certification that the

documentation technicians have successfully completed the IDOT documentation course is to be furnished. Resumes for materials coordinators and proportioning technicians are to include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of past experience with materials inspection. Resumes for the nuclear density inspectors are to include evidence of appropriate QC/QA density training.

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	10
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost of this project is \$17,000,000. The Consultant must complete and submit final measurements, calculations, and contract record documentation to the Department no later than six (6) weeks after completion of each project as required. This project is scheduled for construction during the 2020 through 2023 construction seasons. The completion date for this contract will be 12/31/2023.

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

- The Liaison Engineer who will be responsible for supervising the Consultant's staff inspection, testing and documentation of the project, including but not limited to, compiling and maintaining construction survey books, performing computations, completing field reports, generating progress and final estimates, engineering layout, maintaining records and other duties as directed by the Resident Engineer. All records, including one set of prints showing recorded changes from the contract plans, will be submitted to the Resident Engineer and become the property of the department.
- The Materials Coordinator who will have qualified QC/QA engineers and inspectors at the site of the construction section, as well as off-site plants and locations, at all times when required by the contractor's operations, so that adequate sampling for inspection and testing can be performed in a timely manner on each contract item to determine acceptance of the work in compliance with the contract plans and specifications and the standard practices of the department.
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT.

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

49. **Job No. P-98-022-20, IL Route 140 (FAP 785) Terra Dr. to Annex St, Phase I Services, Madison County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **24% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2020 at 9:00 AM** at the Region Five/District Eight Office in **Collinsville**.

Phase I engineering services are required for all work associated with the preparation of preliminary engineering and environmental studies for IL Route 140 from Terra Dr. to Annex St. in the City of Alton, Madison County. Currently, IL Route 140 has been identified as to warrant pavement replacement in accordance with the Department's Transportation Asset Management Plan (TAMP). The proposed improvement is to replace the existing pavement while staying within the footprint of the existing roadway, where possible. 3R guidelines will be utilized for the geometric criteria. This improvement may involve drainage, ADA and minor intersection improvements. Public involvement will be required, as well as environmental studies. It will be desirable to avoid impacts to historic properties and/or communities.

The work will include all related work necessary to complete a Project Report, including, but not limited to, Intersection Design Study(s), pick up survey, geometric studies, pavement design, crash analyses, environmental studies and coordination which includes special waste, biological, cultural, air studies, bike/pedestrian analysis, Location Drainage Study, cost estimates, traffic maintenance analysis and public involvement, and all other work necessary to complete Phase I and obtain Design Approval. Due to the presence of historic features within the project limits, a Section 106 report may be required.

The project is anticipated to be completed using 3D terrain modeling compatible with Bentley's SS4 and OpenRoads Technologies and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department will make available to the Consultant route and land surveys, traffic data, crash data, microfilm, environmental survey results, and utility correspondence and coordination which will include Subsurface Utility Engineering (SUE), and pavement core logs.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	10

The estimated construction cost for this project is \$25,000,000. The Consultant's work includes a Project Report. The completion date for this contract will be 36 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and the persons responsible for all environmental disciplines including socio-economics/community impacts, ecology, noise and water quality, public Involvement, and technical writing.
- 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).

Statements of interest must also provide a brief outline of proposed procedures to be used to accomplish the project objectives stated.

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

Statements of Interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

50. **Job No. P-98-007-24/D-98-017-17, IL Route 4 South of I-55 to South of IL Route 143, Phase I and II Engineering Services, Madison County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 31, 2020 at 1:00 PM** at the Region Five/District Eight Office in **Collinsville**.

Phase I/II services are needed for the widening of IL Route 4, from south of I-55 to south of IL Route 143. This project is anticipated to include roadway widening to provide policy shoulders and overlay.

Phase I engineering services required for this project include the collection of data for items such as but not limited to land use, zoning, school and park districts; mosaics; environmental coordination; geometric studies; intersection design study(s); pick-up survey; public involvement; review and analysis of traffic management and field inspections for probable detour routes; Location Drainage Study; Hydraulic Reports; Bridge Condition Reports (BCRs); Section 4(f) evaluation; compilation of the Project Report; and all other work necessary to prepare a Project Report for Design Approval. In addition, the preparation of Type Size and Location drawings (TS&L), and any Geotechnical Investigations, which shall include, but not limited to, soil borings and the preparation of the Structural Geotechnical Report (SGR) will be required.

Phase II engineering services required for this project include preparation of right-of-way documents; permitting agency coordination; drainage and roadway plans; structure plans; traffic staging plans; temporary and permanent erosion control plans; and any other related work to complete final plans, specifications, and estimates.

The following structures are included in this project:

- S.N. 060-0105: IL 4 over West Tributary Silver Creek
- S.N. 060-0334: IL 4 over Silver Creek
- S.N. 060-2414: IL 4 over Tributary Silver Creek East Branch
- S.N. 060-2420: IL 4 over Tributary Silver Creek North Branch

The department will furnish the consultant with any existing structure and roadway plans; structure inspection reports; agency coordination; existing right-of-way plans; traffic data and utility coordination; topographic survey for the road and stream; and crash data.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	10

The estimated construction cost for this project is \$16,400,000. The completion date for this contract will be 48 months after the authorization to proceed. The Phase I portion is expected to be completed in 24 months and the Phase II portion is expected to be completed in 24 months. A planned Supplement for Phase II will be done near the completion of Phase I.

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 **Structures (Highway: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of drainage calculation and the preparation of the Drainage Report (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 the persons responsible for all environmental disciplines including socio-economics/community impacts, ecology, noise and water quality, public Involvement, and technical writing.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Rehabilitation)

Highways (Roads and Streets)

Statements of Interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

51. **Job No. MT-98-001-20, Various Phase III Materials Quality Assurance Testing and Inspection Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires **28% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2020 at 11:00 AM** at the Region Five/District Eight office in **Collinsville**.

Phase III engineering services are required to provide qualified staff to supplement the District Eight Laboratory, perform the quality assurance responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC) construction, and the Aggregate Gradation Control System (AGCS). Additional services and responsibilities may include inspection of pipe and precast products, soils testing and miscellaneous materials inspection at various sources or jobsites. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with daily assignments to various construction jobsites, bituminous or concrete plants, aggregate sources, field offices, District Lab facilities, pipe and precast facilities, and various producers and suppliers of miscellaneous materials.

The Consultant's work includes plant and on-site inspections, sampling and material testing as well as laboratory testing. It is anticipated that the Consultant will primarily be tasked to provide qualified personnel to perform HMA and Aggregate testing in the District Eight Laboratory. Consultant personnel tasked to the lab will be working under the supervision of the District Eight Laboratory Supervisor. Additionally, the Consultant shall have access and utilize a department inspected and approved HMA/Aggregate QA laboratory and/or a PCC/Aggregate QA laboratory when required by the work order agreement to perform testing using Qualified Personnel on samples provided by IDOT or sampled by the Consultant staff.

The Consultant will carry out quality assurance duties as defined in the construction contract, Precast Concrete Policy Memorandum 19-08, and the Consultant agreement. The Consultant will maintain records and submit documentation of QC and QA activities required by the construction contract and Policy Memorandum 19-08.

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

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	25

The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The Materials Coordinator Engineer who will assume duties as Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) performing Quality Assurance inspection and testing must have certification of Hot Mix Asphalt Level 1 Technician through the Quality Management program administered by Lake Land College and should have a minimum of three (3) years (field) and five (5) years (lab) of relevant experience.
- Portland Cement Concrete Testing Technicians performing Quality Assurance inspection and testing must have certification of Portland Cement Concrete Level 1 through the Quality Management program administered by Lake Land College and should have at least two (2) years of experience in field tests and observations.
- Aggregate Inspectors performing Quality Assurance inspection and testing under the Aggregate Gradation Control System must have the certification of Aggregate Technician (five (5) days) through the Quality Management program administered by Lake Land College and should have a minimum of five (5) years experience.
- Miscellaneous Materials Source Inspectors should have a minimum of five (5) years experience in sampling and inspecting various construction materials for IDOT contracts and should be proficient in the use of the IDOT Manual for Materials Inspection and IDOT Standard Specifications for Road and Bridge Construction.
- Laboratory Technicians provided by consultant to perform lab soil testing at the District Eight lab when requested should have a minimum of five (5) years experience.
- The Construction/Materials Inspector/Tester must have experience and a working knowledge in the area of Hot Mixed Asphalt (HMA), Portland Cement Concrete (PCC), Aggregates, Precast Concrete, Soils, and Miscellaneous Products as needed by the type of work assigned. All personnel performing materials testing and inspection for HMA, PCC, and Aggregates must possess the most up-to date certification. When the testing of HMA, PCC, and Aggregates is tasked to be completed at the Consultant's qualified laboratory facility, the requirements of the laboratory, equipment, and staff shall be satisfied by prequalification in the categories of **Special Services (Quality Assurance HMA & Aggregate)** and **Special**

Services (Quality Assurance PCC & Aggregate) and may be completed by the Sub and/or Prime consultant.

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

Statements of Interest, including resumes of the key people noted above and the names and locations of the proposed Consultant Private Laboratories that meet the HMA/Aggregate QA and PCC/Aggregate QA criteria, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

52. Job No. D-98-111-20, Various Phase I/II Survey Projects, Various Routes, Various Counties, Region Five/District Eight.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 14, 2020 at 10:00 AM** at the Region Five/District Eight Office in **Collinsville**.

Engineering services are required for performing topographic surveys and hydraulic surveys throughout District Eight. The Consultant's work may include land surveying to establish the existing centerline alignment for projects, land surveying to measure and record all topographic features along specific routes, land surveying to create three dimensional models for highway design projects, land surveying to monument, preserve and restore important land survey monuments and land surveying to locate right of way, record research, preparation of, and recording of monument records. The Consultant's work may include staking out the existing centerline alignment, as well as performing horizontal and vertical control surveys for highway design projects. The Consultant's work may also include performing floodplain cross sections, streambed profiles, waterway opening sketches, roadway profiles and other tasks necessary to complete hydraulic reports. The Consultant selected for this project shall be required to process their field data and submit their data in an electronic format while adhering to all IDOT's standards. The Consultant selected for this project shall be required to use IDOT's Point Code Listing while conducting the field survey and shall be required to submit all original field notes upon completion of said surveys.

Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

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

The Consultant's statement of interest will be rated based on:

Rating description	Weight%
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	30
Firms understanding/method of accomplishing projects requirements	15

It is anticipated this contract will include approximately ten (10) to twenty (20) such surveys. The estimated engineering fee for this project is \$750,000. The completion date for this contract will be 48 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 or an Illinois Licensed Professional Land Surveyor).
- The person who will perform/supervise the work in the area of surveying (must be an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Land Surveyor).

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

53. Job No. P-98-038-20, Various Phase I and/or II Projects, Various Routes, Various Counties, Region Five/District Eight.

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 3, 2020 at 9:00 AM** at the Region Five/District Eight Office in **Collinsville**.

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

The Phase I work, if required, may consist of conducting route surveys, geotechnical analyses, hydraulic survey/analysis, geometric studies and reviews, preparing Bridge Condition Reports, Hydraulic Reports, Structure Geotechnical Reports, Type, Size and Location (TS&L) plans, Intersection Design Studies (IDSs), Value Engineering studies, Right of Way information, and Project Reports (Categorical Exclusion projects only).

This work may include data collection, cost estimates, traffic management analysis, crash analysis, development of alternative alignments, preparing environmental and hazardous waste documents, infrared testing of bridge decks, and all other related work required to produce the necessary Phase I documents and reports. This work could include amending or updating existing Project Reports.

Projects may include public involvement. Public involvement may include coordinating and leading stakeholder meetings, public informational meetings and public hearings, preparing exhibits for meetings and hearings, Context Sensitive Solutions (CSS) duties and evaluating and incorporating comments from those meetings into a report.

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

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

The Consultant's work may also include QC/QA plan reviews of pre-final contract plans, developed by others, with an emphasis on constructability.

All work prepared by the Consultant must be compatible with department software and readily duplicated on department hardware. All files produced for projects under this contract are the property of the department and must be provided in the appropriate electronic format for the department's files and for possible future use.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, crash statistics, agency coordination, existing right-of-way plans, aerial photos,

boring logs, location design reports, and other information deemed applicable to the Consultant's work.

The Consultant's statement of interest will be rated based on:

Rating description	Weight%
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing projects requirements	15

The estimated engineering fee for this project is \$1,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; stakeholder meetings; drafting press releases and property owner contact letters, etc.
- 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 of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform/supervise the pre-final contract plan reviews of plans developed by others (resumé must indicate a background that has adequate plan review experience with an emphasis on constructability).

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)

Structures (Highway: Typical)

Location Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

54. **Job No. P-98-039-20/D-98-112-20, Various Phase I/II Land Surveying Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project, and all subconsultants the prime Consultant will be using, are scheduled to attend an initial meeting on **August 5, 2020** at **1:00 PM** at the Region Five/District Eight Office in **Collinsville**.

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

The Consultant's work is anticipated to consist of performing land surveying services for Land Acquisition projects. This may include land surveying to reference the highway centerline to public land lines, land surveying to locate boundaries, record research, preparation and recording of monument records, preparation of legal descriptions, preparation of Freeway Orders, preparation of various plats and maps including: Statutory Plat of Highways, existing right of way survey plats or maps, centerline plats, corridor protection maps and excess right of way parcel plats. The Consultant's work may include right of way staking and designing proposed right of way for acquisition. The work performed shall comply with the department's Land Acquisition Manual and with District Eight's standards, guidelines and procedures.

The Consultant's work may include performing route surveys, hydraulic surveys, topographic survey, and horizontal and vertical control surveys for highway design projects in District Eight. The work performed must comply with the department's and District's standards and guidelines.

The Consultant's work may also include performing land surveying services to assist the District Eight Plats and Plans Unit. This may include work as a Land Survey Project Manager, which would consist of the management and review of right of way survey projects as prepared by other Consultants for the department. Land Survey Project Manager duties may require work at the District office. The Consultant's work may also include providing other technical support, as-needed, to assist the Plats and Plans Unit at the District Office.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or subconsultant. The selected firm and/or their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	20

The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of the project manager for all aspects of the work documents (must be a licensed Illinois Professional Land Surveyor).
- The person who will be in direct supervision and control of the land survey work (must be a licensed Illinois Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be a licensed Illinois Professional Land Surveyor with adequate experience).
- The person who the firm plans to assign as the Land Survey Project Manager to manage and review consultant prepared projects (must be an Illinois Licensed Professional Land Surveyor). This person must be experienced in the use of Microstation/Power Geopak and the preparation of Plat of Highways and legal descriptions for District Eight.

The prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

Statements of interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

55. **Job No. P-98-001-05, IL Route 3 (FAP 312) over the A&S RR, Phase I Services, St. Clair County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **18% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 9:00 AM** at the Region Five/District Eight Office in **Collinsville**.

Phase I engineering services are required for all work associated with the preparation of preliminary engineering and environmental studies for a grade separation of IL Route 3 and the A&S Railroad in the Village of Sauget, St. Clair County. Currently, there is an at grade crossing of IL Route 3 with the A&S Railroad. IL Route 3 is a 4 lane cross section with shoulders. The proposed improvement is to address delays in traffic due to the at-grade crossing with the railroad. The Phase I study will evaluate the need for a grade separation, and determine the proposed horizontal and vertical alignment of a new structure to carry IL Route 3 over the railroad, while minimizing ROW and utility impacts. The project may involve intersection improvements at Queeny Ave. Context Sensitive Solutions (CSS) will be utilized for the Public Involvement.

The work will include all related work necessary to complete a Combined Design Report and an Environmental Assessment, including, but not limited to, Intersection Design Study(s), Route Surveys, Geometric Studies, crash analyses, environmental studies and coordination which includes special waste, biological, cultural, air studies, Noise Study, Subsurface Utility Engineering (SUE), Location Drainage Study, cost estimates, Traffic Management Plan and public involvement, and all other work necessary to complete Phase I.

The Consultant shall perform a land survey, of the existing right of way and all intersecting boundary lines within the project limits. The Consultant shall prepare an Existing Right of Way Survey Plat in accordance with District Eight's standards and guidelines. The Consultant shall provide the Department a CAD Drawing file that is up to date with the current CADD drafting standards, the original signed and sealed mylars of the Existing Right of Way Survey Plat, original field books and the GPK files for the project.

The project is anticipated to be completed using 3D terrain modeling compatible with Bentley's SS4 and OpenRoads Technologies and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department will make available to the Consultant with traffic data, crash data, microfilm, environment survey results, aerial photography and mapping, and utility correspondence and coordination.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$40,000,000. The Consultant's work includes a Combined Design Report and Environmental Assessment. The completion date for this contract will be 48 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of Subsurface Utility Engineering. The **Special Services (Subsurface Utility Engineering)** prequalification category requirement may be completed by Sub and/or Prime Consultant.
- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and the persons responsible for all environmental disciplines including socio-economics/community impacts, ecology, noise and water quality, public Involvement, and technical writing. Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

Statements of interest must also provide a brief outline of proposed procedures to be used to accomplish the project objectives stated. Consultants are also required to furnish a list of public involvement activities, which may have been part of a CSS program, completed in the last five years by the key staff members listed in the Statement of Interest.

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

The prime consultant must also be prequalified in **Environmental Reports (Environmental Assessment)** and must perform all of the environmental work using staff that has been presented in 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 (Environmental Assessment)** to perform all of the environmental work. The subconsultant's staff must be the same as presented in their most recently approved Statement of Experience and Financial Condition.

Statements of Interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

56. Job No. D-98-108-20, FAI 64 (I-64) from West of Green Mount Rd to West of IL 158, Phase II Engineering Services, St. Clair County, Region Five/District Eight.

This project may contain **Federal Funds**.

This project requires **24% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 5, 2020 at 9:00 AM** at the Region Five/District Eight Office in **Collinsville**.

This project consists of the widening of Interstate 64 from Green Mount Road to 1.1 miles west of IL 158 to accommodate 6 lanes of traffic and bridge repair to S.N. 082-0181 carrying Lincoln Ave over I-64. The scope also includes improving the intersections of the I-64 ramps with Green Mount Road.

Phase II engineering services required for this project include preparation of all Plans, Specifications & Estimates (PS&E documents) to widen I-64 to six lanes and upgrade Green Mount Road ramps. This includes roadway and structure plans, maintenance of traffic plans, drainage plans, storm water pollution prevention plan, erosion control plans, traffic signal plans and could include highway signing plans and noise wall plans.

Additional items include, but are not limited to, pavement design, supplemental surveys, and all other necessary related work to complete Phase II.

The project is anticipated to be completed using 3D terrain modeling compatible with Bentley's SS4 and OpenRoads Technologies and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Items to be provided from the Phase I engineering services include a Project Report with a detailed environmental summary, drainage study, preliminary plan, profile, and cross section work, traffic management plan, route surveys, utility coordination and correspondence, public involvement, Noise Study, Bridge Condition Report and all other work associated with the approved Project Report. Roadway Geotechnical Report will also be provided once complete.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$34,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Freeways)

Structures (Highway: Typical)

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past ten (10) years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects.

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 through the Engineering and Prequalification Agreement System (EPAS).

57. **Job No. D-98-067-14, IL 158 Extension from IL 161 to IL 177, Phase II, St. Clair County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 1:00 PM** at the Region Five/District Eight Office in Collinsville.

Phase II services are needed for the IL 158 Extension from IL 161 to IL 177 in St. Clair County. Phase II engineering services required for this project include the preparation of all Plans, Specifications and Estimates (PS&E documents). Additional items include but are not limited to a Roadway Geotechnical Report (RGR), Structure Geotechnical Report (SGR), Structure Report, Type, Size, and Location (TS&L) Plans for a proposed bridge, geometric modifications, traffic signal plans, drainage plans, storm water pollution prevention plan, supplemental surveys and all other necessary related work to complete Phase II. The project is anticipated to be completed using 3D terrain modeling compatible with Bentley's SS4 and OpenRoads Technologies and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Items to be provided from the Phase I engineering services include a Project Report with a detailed environmental summary, location drainage study, preliminary plan, profile, and cross section work, crash analysis, traffic management assessment, hazardous waste coordination, utility coordination, hydraulic survey, hydraulic report, and correspondence, public involvement associated with a Context Sensitive Solutions project, Bridge Condition Report, and all other work associated with the approved Project Report. Any Phase I items that are revised as a result of Phase II design process shall be amended as a part of the Phase II contract.

The Consultant's statement of interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$16,000,000. The completion date for this contract will be 48 months after authorization to proceed.

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

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

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)

Structures (Highway: Typical)

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past ten (10) years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects.

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 through the Engineering and Prequalification Agreement System (EPAS).

58. **Job No. P-98-004-21, US Route 40 from Formosa Road to Bethany Lane, Phase I Engineering Services, Madison County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **19% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 7, 2020 at 9:00 AM** at the Region Five/District Eight Office in **Collinsville**.

Phase I services are needed for the widening of US Route 40, from Formosa Road to Bethany Lane. This project is anticipated to include roadway widening to address future traffic growth to provide additional through lanes and/or a bi-directional turn lane. Public involvement will be required for this project and Context Sensitive Solutions (CSS) will be utilized in this effort.

Phase I engineering services required for this project include the collection of data for items such as but not limited to land use, zoning, school and park districts; mosaics; environmental studies and coordination; Noise Study; possible Section 4(f) evaluation; geometric studies; intersection design studies; topographic surveys; Location Drainage Study; bike/pedestrian evaluation; public involvement; the review and analysis of traffic maintenance and field inspections for possible detour routes; the compilation of the Project Report; and all other work necessary to prepare a Project Report for Design Approval.

The department will furnish the consultant with any existing structure and roadway plans; structure inspection reports; agency coordination; existing right-of-way plans; traffic data and utility coordination; land surveys; proposed right-of-way design; and crash analyses.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	10

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

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (Must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculation and the preparation of the Drainage Report (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 the persons responsible for all environmental disciplines including socio-economics/community impacts, ecology, noise and water quality, public Involvement, and technical writing.
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Statements of interest must also provide a brief outline of proposed procedures to be used to accomplish the project objectives stated. Consultants are also required to furnish a list of public involvement activities, which may have been part of a CSS program, completed in the last five (5) years by the key staff members listed in the Statement of Interest.

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

Statements of Interest including resumes of the key people noted above must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

59. **Job No. D-98-110-20, Various Phase I and/or II Projects on IL 3 & IL 150, Randolph County, Region Five/District Eight.**

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 4, 2020 at 1:30 PM** at the Region Five/District Eight Office in **Collinsville**.

Phase I and/or II engineering services are required for various projects on IL 3 and IL 150 in Randolph County in District Eight. The various proposed projects will consist of pavement replacement plans, some which may include ADA improvements. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Phase I engineering services may consist of conducting route surveys, geometric studies and reviews, Intersection Design Studies (IDSs), right of way information, and abbreviated project reports such as 3P reports or ADA reports (Categorical Exclusion projects only).

This work includes data collection, cost estimates, traffic management analysis, crash analysis, preparing environmental and hazardous waste documents, and all other related work required to produce the necessary Phase I documents and reports.

Projects may include public involvement. Public involvement includes coordinating and leading stakeholder meetings, public informational meetings, preparing exhibits for meetings, and evaluating and incorporating comments from those meetings into a report.

The Phase II engineering services required for these projects include preparation of all Plans, Specifications, and Estimates (PS&E documents) for pavement replacement, ADA upgrades and geometric improvements along IL 3 and IL 150 in Randolph County. This includes, but is not limited to, pavement design, supplemental surveys, roadway plans, maintenance of traffic plans, drainage plans, storm water prevention plans, traffic signal plans, lighting plans and all other necessary related work to complete Phase II.

The project is anticipated to be completed using 3D terrain modeling compatible with Bentley's SS4 and OpenRoads Technologies and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, crash statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, location design reports, and other information deemed applicable to the Consultant's work. Roadway Geotechnical Reports will be provided once complete.

The Consultant's statement of interest will be rated based on:

Rating description	Weight%
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing projects requirements	15

The estimated engineering fee for this contract is \$4,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person in charge of Public Involvement procedures. Include a detailed description of Public involvement work he/she has directed involving facilitation of public meetings; stakeholder meetings; drafting press releases and property owner contact letters, etc.
- 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 of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads and Streets)

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past ten (10) years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

60. **Job No. D-98-069-12, IL 3 Intersection Reconstruction at West Delmar Avenue and Pierce Lane, Phase II, Madison County, Region Five/District Eight.**

This project may contain **Federal Funds**.

This project requires **25% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 5, 2020 at 1:00 PM** at the Region Five/District Eight Office in Collinsville.

Phase II services are needed for the IL 3 Intersection Reconstruction at West Delmar Avenue and Pierce Lane in Madison County. Phase II engineering services required for this project include the preparation of all Plans, Specifications and Estimates (PS&E documents). Additional items include but are not limited to a Roadway Geotechnical Report (RGR), geometric modifications, drainage plans, storm water pollution prevention plan, staging plans, supplemental surveys and all other necessary related work to complete Phase II. The project is anticipated to be completed using 3D terrain modeling compatible with Bentley’s SS4 and OpenRoads Technologies and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Items to be provided from the Phase I engineering services include a Project Report with a detailed environmental summary, existing survey, location drainage study, preliminary plan, profile, and cross section work, crash analysis, traffic management assessment, hazardous waste coordination, utility coordination, and correspondence, public involvement associated with a Context Sensitive Solutions project, and all other work associated with the approved Project Report. Any Phase I items that are revised as a result of Phase II design process shall be amended as a part of the Phase II contract.

The Consultant’s statement of interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is \$8,000,000. The completion date for this contract will be 48 months after authorization to proceed.

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

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

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

The prime firm must be prequalified in the **Highways (Roads and Streets)** category to be considered for this project.

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past ten (10) years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects.

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 through the Engineering and Prequalification Agreement System (EPAS).

61. **Job No. P-99-014-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Five/District Nine.**

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 30, 2020 at 10:00 AM** in the Region Five/District Nine Office in **Carbondale**.

Phase I/II engineering services, including Value Engineering services, are required for various projects throughout District Nine. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. This project is anticipated to be completed using PowerGeopak V8i Select Series 4 utilizing Corridor Modeling and shall be compatible with the IDOT Computer Aided Design, Drafting, Modeling, and Deliverables Manual for preparation of roadway and structure plans.

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

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

The various proposed projects may consist of simple patching and resurfacing, ADA ramp designs, highway lighting designs, widening and resurfacing, new roadway projects, bridge repair, bridge rehabilitation, and/or bridge replacement. The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project.

Value Engineering (VE) services, if required, shall include VE Studies submitted in a written report. The Consultant will assemble a multi-disciplined VE project team of approximately 5 to 7 people. The VE team is to be led by an Illinois Licensed Professional Engineer, with experience in roadway and bridge design and in leading VE teams. The VE team should be structured so there is appropriate expertise to evaluate the major problem areas anticipated within the project. In addition to the technical discipline such as design, construction, and environmental, the VE team must possess experience in construction cost estimating and cost-benefit analysis. The Consultant will be expected to develop the VE work plan for projects assigned by the Department. The plan shall as a minimum include step, methodology, criteria, timing, and deliverables.

The department will furnish the Consultant with available information for contract plan preparation. For value engineering studies, the Department will furnish the Consultant with

available reports, roadway plans, and other information as available. The VE team leader is to coordinate with the department on specific needs for the assigned project.

The Consultant’s Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$2,500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement be completed by the Sub and/or Prime Consultant.
- 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 work in the area of Highway Lighting preparation documents (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Typical)** prequalification category requirement be completed by the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in-charge of the value engineering tasks (must be an Illinois Licensed Professional Engineer and have previous value engineering experience and training). The value engineering tasks may be completed by the Sub and/or Prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Special Studies (Location Drainage)

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 through the Engineering and Prequalification Agreement System (EPAS).

62. Job No. P-99-016-20/D-99-061-20, Various Phase I/II Projects, Various Routes, Various Counties, Region Five/District Nine.

This project requires **23% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2020 at 10:00 AM** at the Region Five/District Nine Office in **Carbondale**.

Phase I and/or II engineering services are required for the preparation of Phase I Project Reports, Bridge Condition Reports, Hydraulic Reports, TS&L's, Structure Geotechnical Reports, Location Drainage Studies and the preparation of preliminary and final contract plans for roadway projects and replacement, rehabilitation or repair of various structures within the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. This project is anticipated to be completed using PowerGeopak V8i Select Series 4 utilizing Corridor Modeling and shall be compatible with the IDOT Computer Aided Design, Drafting, Modeling, and Deliverables Manual for preparation of roadway and structure plans.

Phase I engineering services may include, but is not limited to, data collection, Bridge Condition Reports, Hydraulic Reports, Structure Reports, Structure Geotechnical Reports, type, size and location drawings, Location Drainage Studies, ground and hydraulic surveys, cost estimates, right of way information, environmental consequences and related work necessary to produce Project Reports for bridge or roadway projects.

Phase II work may include preparation of pre-final and final construction plans for bridge or roadway projects.

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

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	15

The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The estimated engineering fee for this project is \$2,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). The Hydraulic Analysis **Hydraulic Reports (Waterways: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the work in the area of Structure Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer). The **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The prime firm must be prequalified in the following categories to be considered for this project:

Location Design Studies (Rehabilitation)

Highways (Roads and 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 through the Engineering and Prequalification Agreement System (EPAS).

63. **Job No. P-99-017-20, Various Phase II Engineering Projects, Various Routes, Various Counties, Region Five/District Nine.**

This project requires **12% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 5, 2020 at 10:00 AM** in the Region Five/District Nine Office in **Carbondale**.

Phase II engineering services are required but not limited to all work associated with the preparation of plans, special provisions, and estimates for traffic signals and /or intelligent transportation system (ITS) projects throughout District 9. The proposed projects may consist of new traffic signals and/or ITS systems, modification and modernization of existing traffic signals and/or ITS systems, system interconnect design, varying communication systems, developing IP addressing schema and emergency contract plans. Work may also include the review of plans, special provisions, and contract documents which relate to electrical and traffic signal work.

Phase II engineering services are also required for developing traffic signal coordination and timing (SCAT) for locations as needed throughout the district. The SCAT work will include data collection (traffic counts including bikes and peds, signal phasing, signal timing, equipment inventory and any other needed data), data analysis using Synchro to generate optimal signal operation plans with existing and modified signal equipment, implementation and evaluation. A final report for each assigned traffic signal system network will be submitted. Services will also include assisting the department in the evaluation of traffic signal operation objectives, needs and traffic demand to determine if other signal control technologies are appropriate.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. This project is anticipated to be completed using PowerGeopak V8i Select Series 4 utilizing Corridor Modeling (if applicable) and shall be compatible with the IDOT Computer Aided Design, Drafting, Modeling, and Deliverables Manual for preparation of roadway and structure plans.

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project.

The department will furnish the Consultant with available information for contract plan preparation.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	5
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of traffic signal design (must be an Illinois Licensed Professional Engineer).
- A person who understands state-of-the-art modern traffic signal systems, including knowledge of traffic signal hardware and software, traffic control equipment, vehicle detectors, traffic signal control strategy, and communication equipment including radios, cellular modems and fiber optic connections (resume must indicate a background that has adequate experience).
- A person with extensive knowledge of different types of ITS equipment, speed/bandwidth, IP addressing schema, VLAN structure, standardization and setup/configuration of network switches, software and communication devices (resume must indicate a background that has adequate experience).
- A person with expertise on installation, systems integration, operations and maintenance of signal, ITS and communication systems
- The person who will perform the work necessary to prepare traffic signal coordination and timing optimization plans, prepare and review traffic signal design/networking plans.
- The person who has the necessary experience with traffic signal equipment and who will recommend equipment enhancements, implementation of the optimization plans, recommend any fine-tuning adjustments and will identify corrective action to address operational complaints.

- The person who will perform the Computer Aided Drafting must have 3-5 years' experience using MicroStation and Geopak in a Civil Drafting environment, proficient in evaluating and editing tin models and a working knowledge of Excel and Word.
- The person who will perform the QC/QA review work of all final and milestone submittal documents (must be an Illinois Licensed Professional Engineer).

The prime firm must be prequalified in the following categories to be considered for this project:

Special Studies (Traffic Signals)

Special Studies (Signal Coordination & Timing (SCAT))

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

64. **Job No. N-37-001-20, 2D Hydraulic Quick Check Guidebook and Examples, Statewide, Bureau of Bridges and Structures.**

This project may contain **Federal Funds**.

The project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The complexity for this project is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 6, 2020 at 10:30 AM** at the Harry R. Hanley Building, Central Bureau of Bridges and Structures, in **Springfield**.

Several various hydraulic engineering services are required by the Bureau of Bridges and Structures. This project will be split between two primary tasks.

The first task will be to generate a 2D Quick Check Guidebook using SMS SRH-2D. The 2D Quick Check Guidebook is to provide the department and staff and its consultants with guidance that will facilitate construction of a preliminary 2D model that can be used to make cost-effective planning decisions. The guidebook will utilize StreamStats for hydrology and should provide adequate direction to construct a basic 2D hydraulic model for the 10, 50, 100, and 500 year flood frequencies in an efficient and timely manner. The 2D Quick Checks should provide basic water surface elevations, velocities, flow directions to and from the subject structure to determine the bridge skew, approach flow locations (for the future design model), etc. to be used for preliminary planning of a proposed bridge and its approaches. Locations of the overtopping road flows, along with the approximate corresponding discharges and frequencies, are required for floods up to the 500 year event. The same information is necessary when levees are included in the topography. The guidebook should also provide information on how to construct a preliminary waterway information table from the model results. In addition, the task should provide basic guidance on the placement of upstream and downstream channelbank protections such as streambarbs, vanes, and bendway weirs. The 2D Quick Check model itself described in the guidebook will not be the final design model but could be used as a base for the final. The primary reason for the guidebook is to provide direction to those that have had SMS SRH-2D training to efficiently use those most basic skills to produce results early in planning that ultimately could result in savings.

The second task of the project will be to apply the established guidelines from the guidebook in order to generate 15, 2D Quick Check models and documentation for the 15 locations. Each location should not exceed 40 hours per analysis. It is anticipated that LiDAR data will be used for most of the topographic work. Locations where channel bathymetry is not well defined by LiDAR, the best available channel topography will then be required which could include approximation of the project channel configuration and overall bathymetry. The department will specify the 15 project locations. Gathering the LiDAR topography is the responsibility of the Consultant. The LiDAR topography should all be accessible at the Data Clearinghouse link provided by IDOT. Project locations could vary greatly in size and may consist of multiple structures that could ultimately benefit the greatest from the 2D analysis.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	30
Proposed DBE use	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	20

The completion date for this contract will be December 31, 2021.

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

- Person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer.
- Person(s) who will perform the duties of the Project Engineer, (must be an Illinois Licensed Professional Engineer). In addition, the staff performing the work must be identified.
- Two additional staff engineers experienced in hydrologic and hydraulic modeling. In addition, the staff performing this work must be identified.

The prime firm must be prequalified in the following categories to be considered for this project:

Hydraulic Reports (Waterways: Complex)

Special Studies (Location Drainage)

The selected candidate must demonstrate extensive use and knowledge of SRH-2D and the SMS modeling platform and shall provide specific examples. The selected candidate will need to be familiar with the department's policies and practices and the work shall be done in accordance with the IDOT Drainage Manual.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

65. **Job No. P-30-005-20, Various Statewide Noise and Vibration Projects, Various Routes, Various Counties, Statewide, Bureau Design and Environment.**

This project requires **9% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 29, 2020 at 10:30 AM** at the Harry R. Hanley Building, Central Bureau of Design and Environment, in **Springfield**.

This project requires specialized technical services to perform both routine and expedited noise and/or vibration analyses for transportation projects across the state, as well as the review of technical noise or vibration studies and NEPA documents prepared by others. It also is expected to include providing expertise regarding transportation noise or vibration-related issues to District and BDE staff, as needed. Work orders may involve various types of transportation-related noise and vibration assessments, including motor vehicle, rail and/or transit. The services required may include the identification of sensitive noise or vibration receptors, which may include monitoring as well as traffic counts to determine the locations of noise and vibration impacts and analysis and recommendation of potential abatement measures. This work shall be done using the most current Federal Highway Administration (FHWA) policies, FHWA noise model and under guidance of all IDOT traffic noise policies, Federal Transit Administration (FTA) noise and vibration impact guidelines, or Chicago Region Environmental and Transportation Efficiency Program (CREATE) noise and vibration methodologies. This contract provides for specialized technical services to review reports from local agencies on funding of noise abatement walls and other mitigation plans. Preparation of noise or vibration training materials and conducting noise or vibration training classes may also be required.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

Work orders may consist of the following tasks:

- Review and preparation of comments on noise or vibration technical reports or NEPA documents completed by other consultants or IDOT staff.
- Determination of appropriate area(s) to analyze.
- Identification of representative noise or vibration receptor(s) and Common Noise Environments.
- Identification of appropriate input factors to be used in the FHWA Traffic Noise Model (TNM) 2.5 or most current, FTA noise and vibration procedures, or CREATE noise and vibration methodologies.
- Noise monitoring.
- Determination of benefited receptor locations where noise or vibration impacts are predicted to occur, and noise abatement measures are evaluated.
- Modeling of existing and both build and no-build options for a proposed improvement.
- Attendance at appropriate project meetings and training classes at IDOT offices or other locations, as needed.
- Preparation of transportation noise/vibration analysis memoranda.
- Preparation of text, associated tables and related exhibits (showing the analyzed receptors) for use in IDOT's NEPA documents, 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 and vibration updates/briefings/guidance to Central Office or District staff, as requested.
- Conducting noise or vibration training classes and preparation of noise or vibration training materials, as needed.
- Revision or updating of the “Highway Traffic Noise Assessment Manual” or preparation of other transportation noise or vibration policies/manuals or brochures, as necessary.

The department will furnish the Consultant with the following when available:

- Technical Noise or Vibration Reports or NEPA documents to be reviewed.
- All details related to requests for noise monitoring.
- Proposed transportation facility plans and cross-sections, as needed.
- Existing transportation facility plans and field survey data, as needed.
- Traffic volume data (vehicle or rail).
- Aerial photography of project locations.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person(s) who will conduct the duties of the Noise and Vibration Specialist(s) (with resume(s) including qualifications), and whom will be directly accountable for the analyses and report preparation. The Noise and Vibration Specialist(s) must have completed two (2) or more highway noise analyses using the FHWA Highway Traffic Noise Prediction Model, as well as FTA and CREATE noise and vibration assessments, and have the appropriate education and training/course work, including a basic traffic noise prediction model and/or advanced mobile modeling course. Training and experience with FHWA Traffic Noise Model (TNM) 2.5 is required, as well as experience with the FTA and CREATE noise and vibration methodologies. (Limit this description of training and experience to 2-3 pages.) The Key Noise and Vibration Specialist(s) identified must be based in Illinois.
- The person who will perform the QC/QA review work of all milestone submittal documents.

Statements of Interest must include evidence of highway/transit/rail noise and vibration analyses completed using the currently accepted FHWA Highway Traffic Noise Prediction Model (TNM 2.5), the FTA noise and vibration procedures as well as the CREATE noise and vibration

methodologies completed by the firm. If possible, include specific examples of reports conducted for IDOT or another state or federal transportation agency.

The prime firm must be prequalified in the **Environmental Reports (Environmental Assessment)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

66. **Job No. S-60-001-21, Various Traffic Signal Coordination and Timing (SCAT) Projects, Various Routes, Various Counties, Districts Two, Three, Four, and Five, Bureau of Operations.**

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

The Consultant who is selected for this project and all subconsultants, the prime Consultant will be using are scheduled to attend an initial meeting on **July 27, 2020 at 1:00 PM** at the Harry R. Hanley Building, Central Bureau of Operations Office in **Springfield**.

Engineering services are required to ensure signal optimization is achieved at various isolated traffic signal and traffic signal system locations within Districts 2, 3, 4, and 5. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

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

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.
- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.
- Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

The department will furnish manuals, plans, and any other available information. The Consultant shall be prepared to provide technical assistance on signal coordination issues at the department's request.

A progress report shall be submitted with the invoices and using a bar graph shall show the progress made since the last invoice.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	30
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	10
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$350,000. The completion date for this contract will be a maximum of 60 months after authorization to proceed.

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

- The person who will assume the duties of the Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans.
- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments.
- The person who will conduct the evaluation of the optimization plans.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed traffic signal system coordination and timing projects done in the last five (5) years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the **Special Studies (Signal Coordination & Timing (SCAT))** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

67. **Job No. D-60-001-21, Various Statewide Sign Structure Inspection Projects, Various Routes, Various Counties, Statewide, Bureau of Operations.**

This project requires **19% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2020 at 10:00 AM** at the Harry R. Hanley Building, Central Bureau of Operations Office in **Springfield**.

Engineering services are anticipated to consist of planning, organizing and performing detailed structural inspections on simple aluminum span trusses, aluminum cantilever trusses, Vierendeel type steel span trusses, Vierendeel type steel cantilever trusses and bridge mounted sign structures. The number of overhead sign structures to be inspected is approximately 240. The detail structural inspection shall include rating of all components, evaluation of conditions and preparation of an inspection report including a prioritized summary of repairs, and recommend the inspection frequency, once the field data is collected and at the end of the project. The use of ultra-sonic testing equipment to spot check the wall thickness of end supports for aluminum trusses and the chords for Vierendeel steel trusses will be required. Precise GPS coordinates of the structures will be required. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant shall provide all manpower, equipment, vehicles, materials, and the appropriate traffic control for each structure to satisfactorily complete the work. The work shall be done in accordance with the Sign Structure Inspection Manual, Sign Structures Manual, the Manual on Uniform Traffic Control Devices, Inspection and Maintenance of Ancillary Highway Structures (FHWA-NHI-130087), and any department policies or procedures governing the work. Except when otherwise permitted by the Engineer, trusses shall be inspected by mounting them from the shoulder. This will require shoulder closure in accordance with Highway Standards 212-701101-04 or 212-701106-02 and as directed by the Engineer. Freeway lane closures for truss inspection shall be kept to a minimum and will only be permitted by the Engineer on a case by case basis where roadway geometry, traffic and other conditions dictate.

The inspector should have basic knowledge of sign truss nomenclature, experience in structural inspection, and be able to read and interpret shop drawings, be physically able to work at heights, operate an automatic camera and other specialized testing equipment. The Consultant should have a licensed Structural Engineer who has the expertise in welding and weld details on sign structures and is capable of making recommendations on structural repairs.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	30
Proposed Staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$250,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will 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 Professional Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

68. **Job No. S-60-002-21, Various Traffic Signal Coordination and Timing (SCAT) Projects, Various Routes, Various Counties, Districts Six, Seven, Eight, and Nine, Bureau of Operations.**

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

The Consultant who is selected for this project and all subconsultants, the prime Consultant will be using are scheduled to attend an initial meeting on **July 27, 2020 at 10:00 AM** at the Harry R. Hanley Building, Central Bureau of Operations Office in **Springfield**.

Engineering services are required to ensure signal optimization is achieved at various isolated traffic signal and traffic signal system locations within Districts 6, 7, 8, and 9. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

- Data Collection - Field collection of traffic counts, turning movements, signal phasings, signal timings, equipment inventory, and other data needed to qualify existing operating conditions and determine signal optimization alternatives.
- Data Analysis - Appropriate computer models such as HCS, SIGNAL, Synchro, TRANSYT 7F, PASSER II, and CORSIM shall run on the database for each of the selected locations. Recommendations for optimal signal operation plans shall be generated utilizing the existing signal equipment and with minor recommended equipment enhancements. Engineering judgment shall be used to select the final plan to be recommended for implementation.
- Implementation - The approved optimization plan shall be placed in operation and any necessary fine-tuning adjustment shall be made.
- Evaluation - A study of the effectiveness of the optimization plan shall be conducted. Benefits shall be estimated in terms of travel delay reductions, fuel savings, and reduction in carbon monoxide emissions.

Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.

The department will furnish manuals, plans, or any other available information. The Consultant shall be prepared to provide technical assistance on signal coordination issues at the department's request.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	30
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	10
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$250,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of the Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work necessary to prepare traffic signal coordination and timing operation plans.
- The person who has the necessary expertise with traffic signal equipment and who will recommend equipment enhancements, implement the optimization plans, and recommend any fine-tuning adjustments.
- The person who will conduct the evaluation of the optimization plans.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

Consultants are required to provide a brief outline of proposed procedures to be used to accomplish the project objectives with the statements of interest. Consultants are also required to furnish a list of completed traffic signal system coordination and timing projects done in the last five (5) years by members of the Consultant's current key personnel listed above.

The prime firm must be prequalified in the **Special Studies (Signal Coordination & Timing (SCAT))** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

69. **Job No. D-60-002-21, Various District 1 Sign and Tower Structure Inspection Projects, Various Routes, Various Counties, Bureau of Operations.**

This project requires **19% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 28, 2020 at 1:00 PM** at the Harry R. Hanley Building, Central Bureau of Operations Office in **Springfield**.

Engineering services are required for the inspection of sign and tower structures and for the collection of data and the development of reports. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Except when otherwise permitted by the Engineer, trusses shall be inspected by mounting them from the shoulder. This will require shoulder closure in accordance with District 1 Detail TC-17 and as directed by the Engineer. The appropriate traffic control shall be provided for each High Mast Lighting Tower to be inspected. Freeway lane closures for truss inspection shall be kept to a minimum and will only be permitted by the Engineer on a case by case basis where roadway geometry, traffic and other conditions dictate. The consultant shall request and gain approval from the Illinois Department of Transportation's Expressway Traffic Operations Engineer twenty-four (24) hours in advance of all daily lane closure for single or double lanes, ramp and shoulder closures and one week in advance of all permanent and weekend closures on all Freeways and/or Expressways in District One. This advance notification is calculated based on workweek of Monday through Friday and shall not include weekends or Holidays. Shoulder closures or partial ramp closures per TC-17 will not be permitted on weekdays (Monday thru Friday) from 5:00 a.m. to 9:00 a.m. and from 3:00 p.m. to 7:00 p.m. Lane closures are normally not permitted during the day. Exact hours will be determined by the Expressway Traffic Operations Engineer.

Overhead Sign Structures Inspections

Overhead Sign Structures Phase 1

Data Collection is expected to consist of performing a detailed structural inspection of all components of an overhead sign structure.

The department will typically provide:

- List of overhead sign structures to be inspected complete with structure inventory number and location.
- List of district contacts.
- Sample copy of inspection reports, if needed.
- Copy of the Illinois Highway Design Standards for Traffic Control, if needed.
- The Consultants work is expected to consist of:
 - Proposed inspection schedule.
 - Progress report shall be submitted with the invoices and using a bar graph shall show the progress made since the last invoice.
- Trained manpower, equipment, vehicles, and materials to complete the detailed inspections and necessary nondestructive testing.
- The appropriate traffic control for each structure is to be inspected.

- Computerized database, compatible with the department's computer programs, for each structure inspected.
- A copy of a completed Overhead Sign Structure inspection report with photographs stamped by Structural Engineer. Including a PDF file of each OHSS, with the location and State Inventory Number submitted on a CD or Flash Drive.
- Photographs of typical deteriorated overhead sign structure components.
- The report shall provide recommendations for repair, time-frame and priority rating of the repair for each component, any critical repairs required must be clearly identified.
- A summary report/letter shall be provided with required maintenance recommendations for all overhead sign structure inspection and analysis.
- The necessary equipment to systematically spot check the wall thickness of suspected deteriorated supports.

Overhead Sign Structures Phase 2

Data Analysis is expected to consist of using the data collected for each overhead sign structure inspected. The Consultant is required to complete the inspection report form, rating all components of the overhead sign structure and evaluating the overall condition of the structure. Also, using the data collected the Consultant is expected to provide a comprehensive report. The report shall prioritize the inspected structures for repair. Two (2) copies of the report, in hard copy and in electronic media on a CD or Flash drive, including digital pictures in JPG format, shall be submitted. All data collected and used in the analysis of the overhead sign structures and a copy of the computer database developed will be given to the department.

The selected consultant must have prior experience in overhead sign structure and High Mast Light Towers inspections. All hand tools including necessary reading equipment to perform this inspection tasks shall be considered tools of the trade, and no additional payment will be allowed, such tools will be incidental to the contract, but not limited to, Lift Trucks or platforms, Flaggers, barriers, and other traffic control devices.

High Mast Lighting Tower

High Mast Tower Lighting Phase 1

Data Collection is expected to consist of performing a detailed structural inspection of all components of a High Mast Lighting Tower including foundation. The inspection shall be based on and in accordance with Federal Highway Administration (FHWA NHI 05-036) Guidelines on the Inspection and Maintenance of Ancillary Highway Structures. Inventory data shall be collected which includes date of installation, manufacturer, installation contractor, plate thickness, number of anchor rods, anchor rods diameter, rodent screen/grout pad, tower material, tower coating, type of tower splices, Distance between bottom of leveling nut and top of foundation, light fixtures, camera and miscellaneous attachments etc. Location information and GPS in Latitude and Longitude (decimal degrees) shall be collected in the specified format, and non-destructive tests performed, per listed requirements.

The department will typically provide:

- List of High Mast Lighting Tower to be inspected complete with Tower inventory number and location.
- List of district contacts.
- Sample copy of inspection reports.
- Copy of the Illinois Highway Design Standards for Traffic Control, if needed.
- Templates in electronic form

The Consultants work is expected to consist of:

- Proposed inspection schedule. Work and access must be coordinated with IDOT Electrical Maintenance Contractor.
- A Structural analysis by Structural Engineer and all reports shall be stamped with his/her license.
- A Professional Engineer registered in the State of Illinois who has taken the NHI/FHWA course "Inspection and Maintenance of Ancillary Highway Structures" with five years' experience to conduct the inspections.
- Progress report effective the 1st of the month, submitted by the 10th with written narratives to discuss work completed the past month and work expected the following month.
- Progress report shall be submitted with the invoices, and using a bar graph shall show the progress made since the last invoice.
- Manpower, equipment, vehicles, and materials to complete the detailed inspections.
- The necessary equipment to spot check the wall thickness and measure each flat side on the tower 2" above base plate and one at 12" from base plate.
- The necessary equipment to perform ultrasonic testing, and conduct an ultrasonic test of all anchor rods.
- A test of suspected welds and deteriorated welds with dye penetrant.
- The appropriate traffic control per IDOT Traffic Control specifications for each High Mast Lighting Tower to be inspected.
- Excel database, on a Windows based platform or as approved by the Engineer, for all Towers inspected. To facilitate reporting and prioritization of repairs, database shall be developed that will allow printed reports that prioritize needed repairs and /or maintenance. File folders with all hard copy of the forms filled out, completed records and documentation for each tower with photographs stamped by a structural Engineer. Including a PDF file of each lighting tower, with the location and tower decal number submitted on a CD.
- Digital photographs of deteriorated High Mast Lighting Tower components; Identified by tower location and decal number shall be linked / tagged to the database.
- Draft copy of a completed High Mast Lighting Tower inspection report.

A handheld mapping grade GPS device shall be used for the data collection. GPS coordinates of High Mast Lighting Tower, datum to be used shall be North American 1983. Prior to the collection of data, the contractor shall provide a sample data collection of at least six data points of known locations to be reviewed and verified by the Engineer to be accurate within 3 feet. The receiver shall support differential correction and data shall have minimum sub-meter accuracy after post processing. The device may also utilize Differential GPS to obtain the specified accuracy. Upon verification, data collection can begin.

GPS receivers integrated into cellular communication devices, recreational and automotive GPS devices are not acceptable. The GPS shall be the product of an established major GPS manufacturer having been in the business for a minimum of six (6) years. The manufacturer and model of the GPS device shall be identified as well as any software used on the device and in post processing.

Using the data collected for each High Mast Lighting Tower inspected the consultant shall complete the inspection report form, rating all components and evaluating the overall condition of the High Mast Lighting Tower. The rating shall show reliability as good, fair, poor, and critical as specified under FHWA.

Using the data collected, a comprehensive report shall be prepared. The report shall prioritize the inspected High Mast Lighting Tower for repair. Two (2) copies of the report, in hard copy and in electronic media, shall be submitted with the templates provided by IDOT with all fields filled out and completed for each tower.

All data collected and used in the analysis of the High Mast Lighting Tower and a copy of the computer database developed will be given to the department.

The GPS shall be included in the report and shall be provided separately in an electronic format that shall be compatible with MS Excel. Latitude and Longitude shall be in decimal degrees with a minimum of 6 decimal places.

The report shall provide recommendations for repair; time-frame and priority rating of the repair for each component any critical repairs required must be clearly identified.

A summary report/letter shall be provided with required maintenance recommendations for all High Mast Lighting Tower inspection and analysis.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	30
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$250,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will 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 Professional Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

70. **Job No. HPR-66-026-20, Illinois Rail Needs Assessment Study, Statewide, Bureau of Urban Program Planning.**

This project may contain **Federal Funds**.

This project requires a **11% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

The **Complexity Factor** is **0**.

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **August 1, 2020 at 10:00 AM** at the Harry R. Hanley Building, Central Bureau of Urban Program Planning Office in **Springfield**.

Services are required for the preparation of existing rail system data by providing rail system condition, capacity constraints, operational constraints, and road/rail conflicts. This task will provide an assessment of the current conditions of the rail network in Illinois and identify issues that may limit the quality of services in the future.

This work will also include:

- Project management for this study includes internal team assignments, ongoing oversight of the tasks outlined below, management of the project schedule, quality control, general supervision to ensure timely completion of the assignments, and regular communication with IDOT Office of Planning and Programming and Intermodal Program Implementation. Consultant will hold up to six (6) monthly team coordination calls with IDOT to discuss the status of task items and to proactively address questions or potential issues in need of resolution.
- Community Outreach - Conduct outreach and meet with municipalities to identify rail needs/projects in their communities. Use of Metropolitan Planning Organizations (MPOs) and Regional Planning Councils (RPCs) may be useful to assist in the gathering of feedback.
- Railroad Outreach Meetings – These meetings would target private railroads with freight and passenger rail interests. The purpose of these meetings would be to discuss the condition of the rail system, needs and issues along rail lines, and investment and funding needs that would be beneficial to the Illinois rail and overall transportation system.
- Meet with state and federal government agencies to obtain data and provide assistance in identifying rail system needs, priorities and funding sources.
- Contact shippers, trucking, and logistics companies that use rail to learn about the road/rail interface and system efficiency, needs and potential strategic investments.
- Public meetings – Hold up to two (2) public meetings to obtain input from the general public. Each public meeting will serve as a forum for discussion on specific issues relating to the Illinois statewide rail system and allow one-on-one conversations between the public and IDOT/consultant staff.

- Media Outreach, E-Mail, and Social Media – Provide information through Facebook and Twitter as a mechanism to inform the public of the development/progress of the study, as well as stakeholder/public meetings. E-mail responses offer the time to develop a personalized response; however, timeliness is important as well. Allow one (1) week for developing, editing, and approving e-mail responses.
- Establish a stakeholder outreach mechanism for on-going review and comment on rail services and infrastructure issues within the state.
- Inventory of current rail system conditions – This task will augment existing rail system data by providing rail system condition, capacity constraints, operational constraints, and road/rail conflicts. Provide an assessment of the current conditions of the rail network in Illinois. Identify issues that may limit the quality of services in the future.
- Develop Goals and Evaluation Criteria – This task will consider the role of state and local agencies, develop the needs assessment utilizing available data, and develop goals and evaluation criteria to be used to review and prioritize system improvements. The criteria will include a calculation for return on investment.
- Identify Priorities – Identify those projects that are of major local and regional importance to maintain a safe and reliable transportation infrastructure. Identify projects that are of strategic importance to the State of Illinois. Use evaluation criteria to prioritize projects.
- Identification of Revenue Sources – Many funding sources are discretionary; thus, time sensitive and competitive. This study will identify funding sources available to improve, replace, or rehabilitate the infrastructure network.

The department will furnish the Consultant with any relevant or available data such as:

- The Illinois State Rail Plan
- The Illinois Freight Plan

The Consultants Statement of Interest will be based on:

Rating Description	Weighted %
Proposed staffing from Prime and any Subconsultants	15
Proposed DBE use	5
Available work capacity of firm	20
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	30

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

The Consultants work includes:

- Provide Public and Stakeholder Outreach Plan documenting public and stakeholder involvement efforts and input received associated with the development of the Rail Needs Assessment.
- Prepare Timeline Schedule – Establish dates for milestone submittals.
- Conduct up to two (2) public meetings and 25 stakeholder meetings.

- Prepare meeting agendas and notes from Project Management and Coordination team meetings.
- Provide Draft and Final Rail System Inventory and Evaluation Criteria
- Provide Draft and Final Prioritization of Projects including potential funding sources.
- Prepare preliminary draft of the complete Illinois Rail Needs Assessment
- Issue Final Report.
- Provide electronic shapefile and/or other suitable format containing all spatial and tabular data collected for this study.

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

- The person who will assume the duties of Project Manager.
- The person who will be part of the inventory team (must be an Illinois Licensed Structural Engineer). The **Structures (Railroad)** prequalification category requirement maybe completed by the Sub and/or Prime consultant.
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and public hearings, organizing work groups and press conferences, drafting press releases and property owner contact letters, etc.

The prime firm must be prequalified in the **Special Transportation Studies (Railway Engineering)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

ILLINOIS DEPARTMENT OF NATURAL RESOURCES
OFFICE OF MINES AND MINERALS
ABANDONED MINED LANDS RECLAMATION DIVISION

One Natural Resources Way

Springfield, IL 62702-1271

REQUEST FOR PROFESSIONAL SERVICES

May 7, 2020

This is the official notice that professional services are required by the Illinois Department of Natural Resources (IDNR), Office of Mines and Minerals (OMM), Abandoned Mined Lands Reclamation Division (AMLRD).

This item will be selected and administered by IDNR. Selection for this project is *anticipated* to be the week of June 22, 2020.

This is not an invitation for bids. Firms properly prequalified for this project herein may indicate their desire to be considered for selection by submitting a Statement of Interest electronically to the Illinois Department of Transportation (IDOT) Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

SPECIAL NOTICE:

The IDNR does not enter into agreements to indemnify or hold harmless consultants in connection with claims arising in connection with work performed under any contract. Insurance requirements and legal obligations are addressed in Section 2 of the IDOT Standard Agreement Provisions for Consultant Services. The successful Consultant will be presumed to have fully considered any perceived risks in relation to professional liability, in submission of the Consultant's Proposal.

The IDNR hereby notifies all proposers that it will affirmatively insure that in any contract entered into pursuant to the advertisement, prequalified minority business enterprises will be afforded full opportunity to submit statements in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award.

Selection of professional consultants by the IDNR is not based on competitive bidding but on the firm's professional qualifications, experience, and the expertise of key personnel to be assigned to the project with consideration also given to:

1. Experience of the team members in the required tasks.
2. Ability of the team to perform all required tasks.
3. The proximity to the project sites of key personnel assigned to the project.
4. Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
5. Performance rating for past work done for the IDOT and IDNR, if applicable

All members of the IDNR Consultant Selection Committee will be unavailable to discuss specifics listed herein until selection of the specific firm has been announced.

The IDNR's 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 this project and/or correspondence concerning your firm to members of the Consultant Selection Committee.

If you have any questions concerning this project, please contact Ms. Rita Lee in the IDNR – OMM - AMLRD at 217/785-0398 or e-mail at rita.lee@illinois.gov.

Procedural questions regarding submittal of Statements of Interest may be directed to the Bureau of Design and Environment's Consultant Unit at 217/782-6916 or e-mail at DOT.ConsultantServices@illinois.gov.

71. **IDNR Project AML-2149, Various Phase III Construction Inspection and Site Investigation Projects, Various Routes, Various Counties in Southern Illinois, Illinois Department of Natural Resources.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are to attend an initial meeting on **or about July 8, 2020** at the Illinois Department of Natural Resources (IDNR), 503 East Main Street, **Benton**.

The Consultant selected for this project will be expected to provide construction inspection services under a blanket agreement, as needed, at abandoned mined lands reclamation project sites in southern Illinois. Site investigation services, such as soil borings and surveying, will also be required. Though the process of project selection is not complete, it is projected that services will be required at several project sites located in Gallatin, Franklin, Jackson, Perry, Saline, and Williamson Counties.

Work orders under the blanket agreement will be negotiated and authorized by the IDNR for mine reclamation projects on an as needed basis. There will be times during the contract that multiple projects will be under construction requiring two or more inspectors. IDNR will furnish the Consultant with Plans and Specifications. The man hours and completion dates will be negotiated by the department for each project prior to the authorization of each work order. The Consultant must be able to perform the required services at sites throughout the specified regions and within an agreed upon time frame when requested by the IDNR.

The Consultant will perform technical construction inspection, grade checking, materials tests and inspections, thoroughly and accurately document construction activities with inspection reports, generate payment requests and collect associated backup materials, and prepare record drawings. The Consultant may also be required to assist in generating change orders and furnish technical advice to the IDNR.

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

Site investigation services may include site surveying, collecting soil, surface, and groundwater samples, and conducting borings to define mine refuse limits and soil borrow areas. Habitat investigation for bat tree survey may be required.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the IDNR policies for this project.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	10
Available work capacity of firm	20
The Firms experience with required project work	30

The estimated engineering fee for this project is \$1,000,000. The completion date for this contact will be 36 months after authorization to proceed. The estimated construction costs for the projects may range from \$75,000 to \$8,000,000. The various construction projects are anticipated to be constructed during the 2021, 2022, 2023, and 2024 construction seasons.

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

- The Liaison Engineer who will assume all the duties as Project Manager for all aspects of the work (an Illinois Licensed Professional Engineer is desired).
- The Construction Engineer who will provide technical assistance if needed during construction (must be an Illinois Licensed Professional Engineer).
- The Construction Inspection Technicians. The inspector should be familiar with IDOT inspection duties and requirements; preferred candidate with possess IDOT Construction Documentation Certificate.
- The Geotechnical technician who will perform any required soil borings. The **Geotechnical Services (General Geotechnical Services)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The Survey Chief.
- The Drone Pilot with Remote Licensed Certificate.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Construction Inspection)

Special Services (Surveying)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to IDOT's Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

ILLINOIS DEPARTMENT OF NATURAL RESOURCES
OFFICE OF MINES AND MINERALS
ABANDONED MINED LANDS RECLAMATION DIVISION

One Natural Resources Way

Springfield, IL 62702-1271

REQUEST FOR PROFESSIONAL SERVICES

May 7, 2020

This is the official notice that professional services are required by the Illinois Department of Natural Resources (IDNR), Office of Mines and Minerals (OMM), Abandoned Mines Land Reclamation Division (ALMRD).

This item will be selected and administered by IDNR. Selection for this project is *anticipated to be the week of July 6, 2020*.

This is not an invitation for bids. Firms properly prequalified for this project herein may indicate their desire to be considered for selection by submitting a Statement of Interest electronically to the Illinois Department of Transportation (IDOT) Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

SPECIAL NOTICE:

The IDNR does not enter into agreements to indemnify or hold harmless consultants in connection with claims arising in connection with work performed under any contract. Insurance requirements and legal obligations are addressed in Section 2 of the IDOT Standard Agreement Provisions for Consultant Services. The successful Consultant will be presumed to have fully considered any perceived risks in relation to professional liability, in submission of the Consultant's Proposal.

The IDNR hereby notifies all proposers that it will affirmatively insure that in any contract entered into pursuant to the advertisement, prequalified minority business enterprises will be afforded full opportunity to submit statements in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award.

Selection of professional consultants by IDNR is not based on competitive bidding but on the firm's professional qualifications, experience, and the expertise of key personnel to be assigned to the project with consideration also given to:

1. Experience of the team members in the required tasks.
2. Ability of the team to perform all required tasks.
3. The proximity to the project sites of key personnel assigned to the project.
4. Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
5. Performance rating for past work done for IDNR, if applicable.

All members of the IDNR Consultant Selection Committee will be unavailable to discuss specifics listed herein until selection of the specific firm has been announced.

The IDNR's 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 this project and/or correspondence concerning your firm to members of the Consultant Selection Committee.

If you have any questions concerning this project, please contact Ms. Rita Lee, IDNR – OMM - AMLRD at 217/785-0398 or e-mail at rita.lee@illinois.gov.

Procedural questions regarding submittal of Statements of Interest may be directed to the Bureau of Design and Environment's Consultant Unit at 217/782-6916 or e-mail at DOT.ConsultantServices@illinois.gov.

72. **IDNR Project AML-2148, Various Phase III Construction Inspection and Site Investigation Projects, Various Routes, Various Counties in Northern and Central Illinois, Illinois Department of Natural Resources.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for the project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **or about July 22, 2020** at the Illinois Department of Natural Resources (IDNR), One Natural Resources Way, **Springfield**.

The Consultant selected for this project will be expected to provide construction inspection services under a blanket agreement, as needed, at abandoned mined lands reclamation project sites in southern Illinois. Site investigation services, such as soil borings and surveying, will also be required. Though the process of project selection is not complete, it is projected that services will be required at several project sites located in Christian, Fulton, Grundy, Knox, LaSalle, Macoupin, Montgomery, and Rock Island Counties.

Work orders under the blanket agreement will be negotiated and authorized by the IDNR for mine reclamation projects on an as needed basis. There will be times during the contract that multiple projects will be under construction requiring two or more inspectors. IDNR will furnish the Consultant with Plans and Specifications. The man hours and completion dates will be negotiated by the department for each project prior to the authorization of each work order. The Consultant must be able to perform the required services at sites throughout the specified regions and within an agreed upon time frame when requested by the IDNR.

The Consultant will perform technical construction inspection, grade checking, materials tests and inspections, thoroughly and accurately document construction activities with inspection reports, generate payment requests and collect associated backup materials, and prepare record drawings. The Consultant may also be required to assist in generating change orders and furnish technical advice to the IDNR.

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

Site investigation services may include site surveying, collecting soil, surface, and groundwater samples, and conducting borings to define mine refuse limits and soil borrow areas. Habitat investigation may be required, i.e. bat tree surveys prior to construction start.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the IDNR policies for this project.

The Consultants Statement of Interest will be rated based on:

Rating Description (Project)	Weighted %
Past Performance in Project Categories	20
Proposed Staffing from Prime and any subconsultants	20
Proximity of firm to project location	10
Available work capacity of firm	20
The firms experience in with required project work	30

The estimated engineering fee for this project is \$1,000,000. The completion date for this contact will be 36 months after authorization to proceed. The estimated construction costs for the projects may range from \$125,000 to \$5,000,000. The various construction projects are anticipated to be constructed during the 2021, 2022, 2023, and 2024 construction seasons.

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

- The Liaison Engineer who will assume all the duties as Project Manager for all aspects of the work (an Illinois Licensed Professional Engineer is desired).
- The Construction Engineer who will provide technical assistance if needed during construction (must be an Illinois Licensed Professional Engineer).
- The Construction Inspection Technicians. The inspector should be familiar with IDOT inspection duties and requirements; preferred candidate with possess IDOT Construction Documentation Certificate.
- The Geotechnical technician who will perform any required soil borings. The **Geotechnical Services (General Geotechnical Services)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The Survey Chief.
- The Drone Pilot with Remote Licensed Certificate.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Construction Inspection)

Specials Services (Surveying)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to IDOT's Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

ILLINOIS DEPARTMENT OF NATURAL RESOURCES

OFFICE OF WATER RESOURCES

One Natural Resources Way

Springfield, IL 62702-1271

REQUEST FOR PROFESSIONAL SERVICES

May 7, 2020

This is the official notice that professional services are required by the Illinois Department of Natural Resources (IDNR), Office of Water Resources (OWR), Division of Capital Programs.

This item will be selected and administered by IDNR. Selection for this project is *anticipated to be the week of June 22, 2020*.

This is not an invitation for bids. Firms properly prequalified for this project herein may indicate their desire to be considered for selection by submitting the requested information to the IDNR address listed within this Request for Professional Services.

SPECIAL NOTICE:

The IDNR does not enter into agreements to indemnify or hold harmless consultants in connection with claims arising in connection with work performed under any contract. Insurance requirements and legal obligations are addressed in Section 2 of the IDOT Standard Agreement Provisions for Consultant Services. The successful Consultant will be presumed to have fully considered any perceived risks in relation to professional liability, in submission of the Consultant's Proposal.

IDNR hereby notifies all proposers that it will affirmatively insure that in any contract entered into pursuant to the advertisement, prequalified minority business enterprises will be afforded full opportunity to submit statements in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award.

Selection of professional consultants by IDNR is not based on competitive bidding but on the firm's professional qualifications, experience, and the 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 proximity to the project sites of key personnel assigned to the project.
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 IDNR, if applicable

All members of the IDNR Consultant Selection Committee will be unavailable to discuss specifics listed herein until selection of the specific firm has been announced.

IDNR's 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 this project and/or correspondence concerning your firm to members of the Consultant Selection Committee.

If you have any questions concerning this project, please contact Mr. Ted Montrey, Office of Water Resources in the Illinois Department of Natural Resources at 217/782-4439 or e-mail at ted.montrey@illinois.gov.

Procedural questions regarding submittal of Statements of Interest may be directed to the Bureau of Design and Environment's Consultant Unit at 217/782-6916 or e-mail at DOT.ConsultantServices@illinois.gov.

73. **IDNR Project OWR-362, Various Phase III Construction Inspection Projects, Various Counties, Illinois Department of Natural Resources.**

This project requires **22% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for the project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 6, 2020** at the Illinois Department of Natural Resources headquarters, One Natural Resources Way in **Springfield**.

The Consultant selected for this project will be expected to provide construction inspection and resident engineering services, as needed, at water resource project sites statewide. Site investigation services may also be required. It is anticipated that the majority of services will be required at project sites located in Whiteside County, Kendall County, McHenry County, Cook County, Will County, LaSalle County, Sangamon County, Morgan County, Randolph County, and Pulaski County.

Work orders under the blanket agreement will be negotiated and authorized by the IDNR for each water resource project on an as needed basis. There may be times during the contract that multiple projects will be under construction requiring two or more personnel. IDNR will furnish the Consultant with Plans and Specifications. The Consultant must be able to perform the required services at sites throughout the specified regions and within an agreed upon time frame when requested by the IDNR.

The Consultant is expected to perform at a minimum: technical construction resident engineering, inspection, construction layout, grade checking, material testing and inspections, thoroughly and accurately document construction activities with diaries, inspection reports, generate payment requests and collect associated backup materials, and prepare as built drawings. The Consultant will also be required to review shop plans, generate change orders and furnish technical advice to the IDNR.

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

Site investigation services may include site surveying and collecting soil and or surface water samples to make sure the Contractor is abiding by NPDES/SWPPP requirements.

The Consultant's work includes, but is not limited to, providing staff, vehicles, and appropriate test equipment necessary to complete this project. The Consultant will furnish a Liaison Engineer and adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies for this project.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project locations	5
Proposed DBE use	5
Available work capacity of firm	10
The firm's experience with required project work	15
Firm's understanding/method of accomplishing project requirements	15

The estimated engineering fee for this project is \$2,600,000. The completion date for this project will be 60 months after authorization to proceed. The estimated construction costs for the projects may range from \$200,000 to \$8,000,000. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the IDNR no later than six (6) weeks after the completion of each construction project. The various construction projects are anticipated to be constructed during the 2020, 2021, 2022, 2023, 2024 and 2025 construction seasons.

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

- The Resident Engineer (an Illinois Licensed Professional Engineer is required).
- The Construction Engineer who will provide technical assistance if needed during construction (an Illinois Licensed Professional Engineer is required).
- The person who will perform/supervise the review and approval of Mechanical Shop plans (an Illinois Licensed Professional Engineer is required).
- The person who will perform/supervise the review and approval of Electrical Shop plans (an Illinois Licensed Professional Engineer is required).
- The person who will perform/supervise the review and approval of Structural Shop plans (an Illinois Licensed Structural Engineer is required).
- The person who will perform/supervise the review and approval of other shop plans for disciplines not noted above (an Illinois Licensed Professional Engineer is required).
- The Documentation Technician. The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Document Certificate number for IDNR.
- The Survey Chief (an Illinois Licensed Professional Land Surveyor is required).
- The Materials QA Technician (this person shall have an IDOT PCC training certificate and an IDOT class S-33, Geotechnical Testing and Field Inspection certificate).

Statements of Interest must also provide a proposed organizational chart for the proposed Consultant team with proposed percentage of time commitment and the approach the firm would take on this project. Also, include any past firm experience with this type of work.

The prime firm must be prequalified in the following categories to be considered for this project:

Special Services (Construction Inspection)

Special Services (Mechanical Engineering)

Special Services (Electrical Engineering)

Special Services (Surveying)

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

ILLINOIS DEPARTMENT OF NATURAL RESOURCES

One Natural Resources Way

Springfield, IL 62702-1271

REQUEST FOR PROFESSIONAL SERVICES

May 7, 2020

This is the official notice that professional services are required by the Illinois Department of Natural Resources (IDNR).

This item will be selected and administered by IDNR. Selection for this project is *anticipated* to be the week of June 22, 2020.

This is not an invitation for bids. Firms properly prequalified for this project herein may indicate their desire to be considered for selection by submitting the requested information to the IDNR address listed within this Request for Professional Services.

SPECIAL NOTICE:

The IDNR does not enter into agreements to indemnify or hold harmless consultants in connection with claims arising in connection with work performed under any contract. Insurance requirements and legal obligations are addressed in Section 2 of the IDOT Standard Agreement Provisions for Consultant Services. The successful Consultant will be presumed to have fully considered any perceived risks in relation to professional liability, in submission of the Consultant's Proposal.

IDNR hereby notifies all proposers that it will affirmatively insure that in any contract entered into pursuant to the advertisement, prequalified minority business enterprises will be afforded full opportunity to submit statements in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award.

Selection of professional consultants by IDNR is not based on competitive bidding but on the firm's professional qualifications, experience, and the 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 proximity to the project sites of key personnel assigned to the project.
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 IDNR, if applicable

All members of the IDNR Consultant Selection Committee will be unavailable to discuss specifics listed herein until selection of the specific firm has been announced.

IDNR's 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 this project and/or correspondence concerning your firm to members of the Consultant Selection Committee.

If you have any questions concerning this project, please contact Mr. Dale Brockamp, Illinois Department of Natural Resources at 217/785-4906 or e-mail at dale.brockamp@illinois.gov.

Procedural questions regarding submittal of Statements of Interest may be directed to the Bureau of Design and Environment's Consultant Unit at 217/782-6916 or e-mail at DOT.ConsultantServices@illinois.gov.

74. **IDNR Project 1-20-044, Hennepin Canal - West End Levee Restoration, Phase I/II, Henry County, Illinois Department of Natural Resources.**

This project requires **21% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **July 14, 2020 at 10:30 AM** at the IDNR State Headquarters in **Springfield**.

Phase I/II engineering services are required for the repair of levees at the west end of the Hennepin Canal near Colona, IL. All work shall be performed for the Illinois Department of Natural Resources (IDNR). Most of the work will take place between Lock 26 and Lock 28 which is immediately east of Colona, Illinois. Specifically, IDNR would like to repair several existing breaches in the canal levee and rebuild them to withstand future flooding events by allowing them to pass excess flow from the Green River. All work associated with this project is in Henry County at the western end of the main canal.

The Consultant will be required to work with IDNR staff to review existing record drawings and determine the best way to allow flood waters to pass over or through the levees while still protecting the recreational trails on top of the levees. A thorough knowledge of Hydraulics and Hydrology will be required to secure multiple regulatory permits. In addition, the Consultant will need to work with the IDNR historical preservation staff to incorporate a design which is both historically accurate and functional.

Since the Hennepin Canal has been designated as a National Historic Landmark Site, the Consultant will be required to work closely with the State Historic Preservation Office (SHPO) and comply with any ADA and public health and safety requirements. The Consultant should have a thorough working knowledge of the National Historic Act of 1966 as amended through 2000.

Work is expected to include the following tasks below, as well as any additional work required to finish the reports required for the completion of the project:

1. Complete a thorough structural inspection of the existing levee failures and all weakened points on the north and south levee. Identify damages to the structures caused by the weather, vandalism, and age. Provide a detailed field report which describes all damages which need to be addressed.
2. Review all record drawings of the canal levee including recent repairs. Become familiar with the original design plans and any structural changes which have been constructed over the years.
3. Conduct a hydraulics and hydrology study to determine 1-year, 10-year, 25-year, and 100-year flow rates from the Green River. Assume that that all levees holding back the Green River have been compromised.
4. Provide two (2) design options to repair the existing canal breaches. The design options should ensure that the levees will be strengthened and fortified to withstand 10-year and 25-year flooding events without damaging the tow path or recreational trails. IDNR anticipates

that this will be accomplished by using spillways to allow flood waters to both enter and exit the canal at both controlled flow rates and at desired locations. The base design should also include enough flow capacity to protect the entire levee between Locks 26 and 27. This section of levee has been overtopped and damaged over the years due to efforts to protect the downstream levee section between locks 27 and 28.

5. Present one or more design options to protect the entire Hennepin Canal between Lock 26 and Lock 28 during a 100-year storm event. IDNR anticipates that this task will be accomplished by using fuse plugs or inverted siphons under the canal as have been done at other locations. IDNR is willing to sacrifice the bicycle trail on top of the canal levee during a 100-year storm event if it will prevent the catastrophic failure of the entire levee embankment.
6. Provide design & demolition plans to restore the drainage ditches which drain water away from the toe of the levees. Many of the drainage ditches have silted in from numerous flooding events over the years. In addition, they have also become overgrown with woody vegetation.
7. Provide final recommendations based on your professional expertise which considers functionality, cost, longevity, permitting concerns and historical preservation.
8. Provide design documents in accordance with standard IDOT delivery procedures and protocol. All fee proposals and contract negotiations shall follow standard IDOT procedures and protocol.

All design documents shall be submitted as a bound document and in electronic format. IDNR uses Microsoft Excel in the development of its spreadsheets, Microsoft Word in the development of its word processing and AutoCAD in the development of its drawings.

DELIVERABLES:

- A. Initial Assessment Report. The Consultant shall perform a detailed inspection at all locations between Lock 26 and Lock 28. The Consultant shall also review all existing construction plans for the historic structure, including renovation plans, and identify the extent of damage and/or deterioration of the existing canal levee elements.
- B. Preliminary Design Report shall include the following:
 1. Preliminary Design Plans and Analysis for repairing the existing breaches.
 2. Preliminary Design Plans and Analysis for constructing new water control structures which can pass 10-year and 25-year flooding events.
 3. Both design options shall include a 30% Opinion of Probable Cost.
 4. Three (3) electronic copies of the Preliminary Design Report on Flash-drives or CDs.
 5. Presentation of the preliminary design report to IDNR staff including SHPO, OWR, and ORCP.
- C. Pre-Final Submittal Documents including a 95% Opinion of Probable Cost
- D. Final Submittal Documents including a 100% Opinion of Probable Cost.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	5
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	10
Available work capacity of firm	5
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	25

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

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

- Person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- Person who will coordinate all design activities with the State Historical Preservation Office (SHPO). This person should be an Illinois certified archaeologist.
- Person who shall coordinate all design activities to verify that the restored trails are compliant with the 2018 Illinois Accessibility Code.
- Person who will perform the work in the area of hydraulics and hydrology, including all recommendations and will seal the work required for the structural design (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). The **Special Studies (Location Drainage)** prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consultant.
- The person who will perform/supervise the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer). The **Geotechnical Services (Subsurface Explorations)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- Person who will perform the QC/QA review work of all submittal documents (Must be an Illinois Licensed Engineer with adequate design experience for this type of levee work).

Statements of Interest must also include:

- Satisfactory experience in the activities required for this work by the firm and by members of the Consultant's current key personnel listed above, including dates of when work was completed, and list all applicable projects.
- Satisfactory experience working with historical landmarks. The Hennepin Canal has been designated as a National Historic Landmark Site. The Consultant will be required to work closely with the State Historic Preservation Office (SHPO) and comply with any ADA and public health and safety requirements. The Consultant should have a thorough working knowledge of the National Historic Act of 1966 as amended through 2000.
- Project approach.
- A proposed organizational chart for the Consultant team.

The prime firm must be prequalified in the **Hydraulic Reports (Waterways: Complex)** category to be considered for this project.

Statements of Interest, including resumes of the key people noted above, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS).

RECURRING NOTICES

The following is a collection of past notices kept for historical reference and reminders to firms if they wish to navigate through them.



Illinois Department of Transportation

STTP S-33 Soils Field Testing and Inspection Course

Course Objectives: This course prepares construction and materials personnel with the basic skills and guidance to properly perform field testing and inspection of subgrade, embankment, and shallow foundations for various structures. This course also describes common geotechnical problems and the remedial actions generally used to correct them.

Upon successful completion of the course, students should be able to:

- Determine the field moisture content along with the in-situ wet and (corresponding) dry densities
- Use the Family of Curves and One Point Proctor to determine the Standard Dry Density (SDD) and Optimum Moisture Content (OMC) of a given soil
- Determine percent compaction and percent of OMC
- Determine soil stability and strength in the field using a Static and Dynamic Cone Penetrometer
- Properly inspect embankment construction
- Check roadway subgrades and determine undercut and treatment depths
- Perform inspection and soil testing to verify or establish the adequacy of foundation material for box culverts and shallow structure foundations

Successful completion of this course meets consultant eligibility requirements for Department prequalification.

Course Materials: [Soils Field Testing and Inspection: Course Reference Manual](#)

If an updated version is available it will be provided in class.

Students will need to bring a pencil, calculator and note pad with them.

Enrollment: Please have one coordinator from your company contact Mr. Paxton Harmon at 217-524-0634 or preferably by email at Paxton.Harmon@illinois.gov to enroll students in a class. **Each student will be put on a waiting list for the class of their choice.** Two to three weeks prior to class start the student or coordinator will be contacted with confirmation of enrollment. If the student cannot be enrolled in the class, they will be contacted and asked for their second class choice.

There is no fee for this class at this time.

Schedule: Each class is three days. The first day starts at 1:00pm and ends at 4:30pm. The second day starts at 8:15am and lasts until 4:30pm. The third and final day starts at 8:15am and ends around noon. The 2018-19 training schedule is listed below:

Class Dates/Location:

**IDOT District One: Materials Laboratory
101 West Center Court
Schaumburg, Illinois 60196**

- Nov 27-29
- Jan 8-10
- Feb 5-7
- Mar 19-21

**IDOT District Three: “The Starved Rock” Conference Room
700 East Norris Drive
Ottawa, Illinois 61350**

- Mar 4-6

**IDOT District Six: Chastain Conference Room,
126 E. Ash Street
Springfield, Illinois 62704**

- Dec 11-13

**IDOT District Seven: Effingham County Emergency Management Building
311 Miracle Drive
Effingham, Illinois 62401**

- Feb 20-22

NOTICE
2018 Standard Agreement Provisions for Consultant Services
(SAPCS)
July 01, 2018

2018 SAPCS applied to all proposal packages (Prime and Sub) received by the Central Office after July 1, 2018.

For contracts advertised on PTB 184 and before – language will be included in the agreement overriding the new compensation language in the 2018 SAPCS.

We encourage the review of the entire SAPCS, the following are significant revisions.

- All firms are required to notify the department of the loss of a prequalification category (2.12)
- All subconsultants are required to be paid within 15 calendar days of prime receiving payment from the Department (2.63)
- DBE Administration (2.67)
 - Subconsultant Utilization Plan will be required with PTB 189 Statements of Interest (2.24)
- Consultant Compensation (2.90)
- Fixed Fee (2.91)

The SAPCS are available on the IDOT Website: [Standard Agreement Provisions for Consultant Services July 1, 2018](#)

NOTICE

Prevailing Rate Schedule

The "Prevailing Rate Schedule" option within EPAS - Question 3, will no longer be accepted:

Would you like to be considered only for occasional small projects that the Department may elect to negotiate on a per diem or prevailing unit price basis, may substitute their current prevailing rate schedule?

This option is no longer utilized. If a firm wishes to pursue prequalification with the Illinois Department of Transportation an established and approved overhead rate will be required.

This option is being removed from EPAS. If a firm submits a prevailing rate schedule instead of supplying an overhead rate, the SEFC will be returned to the firm.

NOTICE

February 1, 2019

Revised Consultant Utilization Plan

The following was added to the first sheet (prime sheet) of the plan for clarification.

Failed to meet Consultant Proposed Goal in Statement of Interest but meets or exceeds the advertised goal. The revised Disadvantaged Business _____ percent
Attached are the signed participation statements forms, with the noted revisions, evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract. Justification for the revisions must be provided to the department by the Consultant.

The following sheet shows the revision highlighted on the revised page.



I certify I am the _____ of the firm of SAMPLE FIRM, Inc. and I have thoroughly reviewed our proposed subconsultant utilization plan. If we are selected for this project, we will assign it as a top priority project with our firm's proposed staff and the subconsultant's staff for the full term of the contract. The office location for correspondence relating to this project is:

Address _____

City/State/Zip _____

As the Consultant I further agree to ensure disadvantaged businesses as defined in 49 CFR Part 26 and the Standard Agreement Provisions for Consultant Services (SAPCS) have the maximum opportunity to participate in the performance of subcontracts financed in whole or in part with Federal or State funds. The consultant shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure said businesses have the maximum opportunity to compete for and perform under this contract. The consultant shall not discriminate based on race, color, national origin or sex in the award and performance of contracts.

I, acting in my capacity as an officer of the undersigned submitting firm (or firms if a Teaming Agreement), hereby assure the Department on this project my firm: (check one)

Meets or exceeds the advertisement goals and have provided documented participation as follows:

Disadvantaged Business _____ percent

Attached are the signed participation statements forms evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract.

Failed to meet Consultant Proposed Goal in Statement of Interest but meets or exceeds the advertised goal. The revised Disadvantaged Business _____ percent

Attached are the signed participation statements forms, with the noted revisions, evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract. Justification for the revisions must be provided to the department by the Consultant.

Failed to meet contract award goals and has included good faith effort documentation to meet the goals and my company has provided participation as follows:

Disadvantaged Business Participation _____ percent

The contract goals should be accordingly modified or waived. Attached is all information required by the SAPCS in support of this request including good faith effort. Also attached are the signed participation statements forms, required by the SAPCS evidencing availability and use of each business participating in this plan and assuring each business will perform a commercially useful function in the work of the contract.

Print Name	
Signature	
Title	
Date	
Firm Name	
Phone	
E-mail address	

NOTICE

Subconsultant Utilization Plan

July 01, 2018

The Input for Statements of Interest for each Item has been revised. Teaming, will now require the category and % of work by the team members. Input will be the same process as subconsultant entry.

Teaming

*Will the firm be entering into a Teaming Agreement for the item (The lead firm must be the one submitting for the item)?

Yes

--Select To Add Firm--

Firm Name	Email	Edit	Delete	% work Bv Firm	Qualifications
Firm Name	Carrie.Kowalski@Illinois.gov	Edit	Delete	NEW Include Number	NEW Prequal Category

Subconsultants Work Performed

IDOT PreQualified Firms

--Select To Add Firm--						
Firm Name	DBE	Qualifications	Categories	%Work by Firm	Edit	Delete
Firm Name A	No	Structures - Highway: Simple	View	2	Edit	Delete
Firm Name B	Yes	Special Services - Surveying	View	5	Edit	Delete
Firm Name C	Yes	Special Services - Construction Inspection	View	10	Edit	Delete

Mentor Input stays the same, no changes.

Mentor-Protégé

*Firm is proposing a Mentor-Protégé on this project?

Yes

--Select New Protege Firm--

Pr	me	Areas of work (PreQualification Categories) they will be participating in	Commands
Firm Name B		Roads and Streets	Edit Delete

To submit the U-Plan, the process will be the same as submitting the Exhibit A. The U-plan will be printed and then attached. If selected the prime and subs will complete and bring to the negotiation meeting.

ABC Corp.

Project Experience

PTB Item: 1

PTB Number
187
IDHR Number

3. Summarize any experience of the staff or firm in accomplishing similar types of work. Include only the most recent projects completed by your staff or firm. This information should be concise and relevant to the expertise required for this specific project. If there are several projects with the same work completed, then one summary will be adequate with location and project manager noted for each.

4. Summarize any other information specifically requested in the project advertisement.

***5. CONSULTANT'S EXHIBIT A**

The Consultant's Exhibit A form is required for each item for successful electronic submittal. Please print the form, sign it, convert the signed form to PDF document and attach below. If this form has already been printed and attached and any information is either added or deleted on the Exhibit A and Exhibit A Staffing pages, you will be required to re-print the form, sign and re-attach.

***6. Subconsultant Utilization Form**

The utilization form is required for successful electronic submittal. Please print the form and attach below. The forms are not required to be completed at submittal time. If selected for this Item, the prime firm will be required to Select "View", then print the forms, complete the forms and have any subconsultants complete and provide the forms to the Project Manager.

The following is an example U-Plan which would be attached.

I certify I am the _____ of the firm of SAMPLE FIRM, Inc. and I have thoroughly reviewed our proposed subconsultant utilization plan. If we are selected for this project, we will assign it as a top priority project with our firm's proposed staff and the subconsultant's staff for the full term of the contract. The office location for correspondence relating to this project is:

Address _____

City/State/Zip _____

As the Consultant I further agree to ensure disadvantaged businesses as defined in 49 CFR Part 26 and the Standard Agreement Provisions for Consultant Services (SAPCS) have the maximum opportunity to participate in the performance of subcontracts financed in whole or in part with Federal or State funds. The consultant shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure said businesses have the maximum opportunity to compete for and perform under this contract. The consultant shall not discriminate based on race, color, national origin or sex in the award and performance of contracts.

I, acting in my capacity as an officer of the undersigned submitting firm (or firms in Teaming Agreement), hereby assure the Department on this project my firm: (check one)

Meets or exceeds the advertisement goals and have provided documented participation as follows:

Disadvantaged Business _____ percent

Attached are the signed participation statements forms evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract.

Failed to meet Consultant Proposed Goal in Statement of Interest but meets or exceeds the advertised goal. The revised Disadvantaged Business _____ percent

Attached are the signed participation statements forms, with the noted revisions, evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract. Justification for the revisions must be provided to the department by the Consultant.

Failed to meet contract award goals and has included good faith effort documentation to meet the goals and my company has provided participation as follows:

Disadvantaged Business Participation _____ percent

The contract goals should be accordingly modified or waived. Attached is all information required by the SAPCS in support of this request including good faith effort. Also attached are the signed participation statements forms, required by the SAPCS evidencing availability and use of each business participating in this plan and assuring each business will perform a commercially useful function in the work of the contract.

Print Name	
Signature	
Title	
Date	
Firm Name	
Phone	
E-mail address	



Subconsultant/DBE Participation Statement

Subconsultant Name	DBE	Category(ies) of work	Estimated %
FIRM ABC	Yes	Surveying	10

The undersigned certify the information included herein is true and correct, and if the subconsultant firm listed has agreed to perform a commercially useful function in the work of the Prequalification Category listed above and to execute a contract with the Prime Consultant. The undersigned further understands no changes to this statement may be made without prior approval from the Managing office, (District/Bureau) and complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.

 Signature for Prime Consultant

 Signature for Subconsultant

Date _____

Date _____

Contact Person _____

Contact Person _____

Title _____

Title _____

Firm Name _____

Firm Name _____

Address _____

Address _____

City/State/Zip _____

City/State/Zip _____

Phone _____

Phone _____

Email Address _____

Email Address _____



Subconsultant/DBE Participation Statement

Subconsultant Name	DBE	Category(ies) of work	Estimated %
XYZ	No	Roads and streets	3

The undersigned certify the information included herein is true and correct, and if the subconsultant firm listed has agreed to perform a commercially useful function in the work of the Prequalification Category listed above and to execute a contract with the Prime Consultant. The undersigned further understands no changes to this statement may be made without prior approval from the Managing office, (District/Bureau) and complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.

Signature for Prime Consultant _____ Signature for Subconsultant _____

Date _____ Date _____

Contact Person _____ Contact Person _____

Title _____ Title _____

Firm Name _____ Firm Name _____

Address _____ Address _____

City/State/Zip _____ City/State/Zip _____

Phone _____ Phone _____

Email Address _____ Email Address _____

NOTICE Compensation

Effective 08-03-17

All future projects, beginning with PTB 185, will utilize the following:

Salary Cap: Use a salary cap of \$75 for all classifications for negotiations and in determining the contract upper limit. Utilize the actual salary rate of employees for invoicing.

Cost Plus Fixed Fee (CPFF) method of compensation

CPFF formula:

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

Where Fixed Fee (FF):

For Prime Agreements is:
 $(0.33 + R)\text{DL} + \% \text{DL} = \text{FF}$

$\% \text{DL} = 10\%$ of Direct Labor (DL) of Subs

For Sub-Consultants
 $(0.33 + R)\text{DL}$

Note: The Total Fixed Fee cannot exceed 15% of DL + OH unless expressly stated in the advertisement. For Prime Consultants, the Total Fixed Fee includes the Subconsultant %DL.

Where:

R= Complexity Factor: 0, 0.035, or 0.07
DL = Direct Labor
DC= Direct Cost
OH= Overhead Rate

Escalation Rate:

The percentage used to project the consultant's current hourly rate throughout the life of the project to account for future raises will be 2% per year.

Notice
Consultant Invoicing
11-17-16

The Department makes every effort to expedite the processing of engineering consultant invoices for payment. However, before the Department can process invoices for payment, the consultant must have a current Certificate of Insurance on file. The insurance requirements are provided in Sections 2.26 and 2.62 of the [Standard Agreement Provisions for Consultant Services](#).

Listed below are possible causes for payment delay:

1. Either no certificate of insurance on file or it has expired.
2. The limits of coverage are insufficient.
3. The failure to show the Department as Additional Insured and Certificate Holder.
4. The failure to provide a 30-day cancellation notice.

The Accord Certificate of Insurance (Form 25) is often used to reflect evidence of insurance coverage. Included on the form should be a statement indicating the Illinois Department of Transportation, its officers and employees are named as an Additional Insured for General Liability. In addition, the Certificate Holder should be shown as:

Illinois Department of Transportation
Bureau of Design and Environment
2300 S Dirksen Parkway
Springfield, IL 62764

Completed Certificates of Insurance should be uploaded into EPAS under the Corporate Details. The certificates should be updated annually with the SEFC renewal and if the certificate expires between renewals, then an Amend to the SEFC is required.

NOTICE

Statements of Interest Rating Criteria in Advertisement

November 10, 2016

There is an addition to the advertisements. To comply with 23 CFR Part 172, Procurement, Management, and Administration of Engineering and Design Related Services the items are required to show the criteria used in the review of the Statements of Interest.

A chart similar to the following will be included for each item on the bulletin. The Rating Description and weighted percent will vary for each item.

The Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past Performance in Project Categories	0-30
Proposed Staffing from Prime and any subconsultants	0-30
Proximity of firm to project location	0-10
Proposed DBE use	
The firms experience with required project work	0-30
Firms understanding/method of accomplishing project requirements	0-30
Specific project information, not covered by the descriptions above	0-30

NOTICE Overhead Rates

This is a reminder that consultant firms doing business with the Department should ensure they are using the correct overhead rate type consistent with their accounting practices and the project scope.

The vast majority of consulting firms doing business with the Department have a single, combined overhead (OH) rate for payroll burden, fringe expense rate, and general administrative expense. This OH rate is often referred to as a Combined or Blended rate. However, there is a small percentage of firms who have multiple OH rate types. These multiple OH rate types often include a Home Office Rate, a Field Office Rate and sometimes a Combined Rate.

Firms with multiple OH rate types should ensure they are using the correct OH rate type when completing cost estimates and when invoicing the Department. The OH rate type should be consistent with the firm's accounting practices and should be discussed with the Department's project manager during initial contract discussions and/or meetings.

NOTICE

DOT Prequalification Letter

There is an approval letter for each approved SEFC application. The letter is dated with the print date; the body of the letter contains the fiscal year approval date.

If the firm was not approved, there isn't a letter.

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category	Additional Info	Approval Letter
SEFC ID: 1	03/29/2016	12/31/2015	NewSEFC	134.2	APPROVED	View	View	Approval Letter
SEFC ID: 2	11/06/2013	06/30/2012	NewSEFC	0.00	NOT_APPROVED	View	View	NO LETTER
SEFC ID: 3	05/06/2013	12/31/2012	AmendSEFC	137.19	APPROVED	View	View	Approval Letter
SEFC ID: 4	04/11/2013	06/30/2011	AmendSEFC	137.19	APPROVED	View	View	Approval Letter
SEFC ID: ---	04/08/2013	06/30/2012	AmendSEFC	10.00	APPROVED	View	View	Approval Letter

SEFC ID **1** would have a letter stating in the first paragraph: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2015.

The last paragraph in the letter would state, Your firm is prequalified until December 31, 2016. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

SEFC ID **2** would not have a letter, firm was not approved

SEFC ID **3** would have a letter stating in part: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2012.

SEFC ID **4** would have a letter stating in part: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending June 30, 2011.

The IDOT prequalification approval letters:

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending (**date specific to the firm's fiscal year end date**). Your firm's total annual transportation fee capacity will be (**determined as noted in the BDE Manual Chapter 8**).

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling (**Overhead%**) are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Office of Quality Compliance and Review in a pre-award audit.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until (**Fiscal Year + 1 year**). You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

The last paragraph is saying your firm is prequalified for one year based on the firm's fiscal year and to remain prequalified the firm must submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) within 6 months. IDOT is giving the firm time to gather and complete information; we don't expect the firms to be able to submit data immediately. The firm remains prequalified during this six month grace period. Once the data is submitted, either before or on the due date, the firm remains prequalified in the current categories until IDOT reviews a category and makes a determination. If there is not submittal by the due date, the firm is automatically listed as not approved.

NOTICE

List of Prequalified Consultant Firms

May 05, 2016

IDOT provides a listing of prequalified consulting firms on the IDOT website, under [Engineering, Architectural Professional Services](#)

This list is typically updated weekly, and is based on the most recently approved SEFC application.

Information has been added to the website to help clarify:

Prequalification

All engineering, land surveying, and architectural consultants interested in providing services to IDOT, whether as a prime or subconsultant, must be prequalified with the department. IDOT prequalifies architectural and/or engineering consultants in multiple transportation categories of service. Prequalification is based on the firm's and the individual's professional experience and qualification. Annual updates to statements of experience and financial condition must be completed to maintain prequalification status. The process is governed by state Statute ([30 ILCS 535/1](#)).

There are approximately 400 firms prequalified with IDOT that are able to submit statements of interest on engineering, land surveying and architectural project advertisements. Updated every Friday, the List of Prequalified Consultants, List of Prequalified DBE Consultants and List of Prequalification Categories without a DBE firm, provides the firm name, address, DBE status, contact person, phone number, fax number and prequalified IDOT category or list posted is from the firms last approved Statement of Experience and Financial Condition. Firms with information in for review may have additional prequalification categories or may not have all the prequalification categories listed. Firms can track the progress of their Statement of Experience and Financial Condition review by viewing Status Column and the Category Column in EPAS.

Firms are encouraged to monitor their prequalification status in EPAS.

To check the status of an application and/or view current prequalification, log on to EPAS. In this example, the review of the application has not been completed. The Financial Portion is under review. The review of the requested prequalification categories is complete, note the RANKING_COMPLETE in the Status Column. Once the status column says APPROVED, the entire review is complete.

Vendor Search Results / Details

Vendor: |

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category	Additional Info
SEFC ID:	09/10/2015	12/31/2014	NewSEFC	116.45	RANKING_COMPLETE	View	View
SEFC ID:	08/20/2014	12/31/2013	RenewSEFC	118.52	APPROVED	View	View
SEFC ID:	01/14/2014	12/31/2012	AmendSEFC	117.62	APPROVED	View	View
SEFC ID:	12/05/2013	12/31/2012	AmendSEFC	117.62	APPROVED	View	View
SEFC ID:	07/01/2013	12/31/2012	RenewSEFC	117.62	APPROVED	View	View

At Ranking Complete, SEFC ID 5555, the firm can view their status of the proposed prequalification categories; select View in the Category Column. It will note if your firm is qualified or not qualified.

Vendor: EXAMPLE FIRM

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category
SEFC ID 5555	09/10/2015	12/31/2014	NewSEFC	124	RANKING_COMPLETE	View
SEFC ID 4444	08/20/2014	12/31/2013	RenewSEFC	125	APPROVED	View

Categories

Category	Qualified	Comments
Airports - Design	X-Qualified	
Special Studies - Pump Stations	A-Denied Prequalification	Firm is requ
Special Studies - Feasibility	X-Qualified	
Location Design Studies - Rehabilitation	X-Qualified	
Special Studies - Traffic Studies	X-Qualified	
Location Design Studies - New Construction/Major Reconstruction	A-Denied Prequalification	Firm is requ
Structures - Highway: Typical	X-Qualified	
Special Services - Electrical Engineering	X-Qualified	Only list tra

SOI Applications

PTB Id	Submit Date	Due Date
SOI ID: 179	2/24/2016 5:09:58 PM	02/25/2016
SOI ID: 177	1/27/2015 1:38:00 PM	08/27/2015

Until the SEFC ID 5555 application is approved, the data from the last approved SEFC ID 4444: will show on the website. In this example, the firm was prequalified in Special Studies-Pump Station and the prequalification for the category shows on the website. The firm is not currently prequalified in pump stations and it is not showing on the website because the firm's application is under review. The firm would not be prequalified for the category and would not be considered for items requiring Special Studies – Pump Station.

Categories

Category	Qualified	Comments
Airports - Design	X-Qualified	
Special Studies - Pump Stations	X-Qualified	
Special Studies - Feasibility	X-Qualified	
Location Design Studies - Rehabilitation	X-Qualified	
Special Studies - Traffic Studies	X-Qualified	
Location Design Studies - New Construction/Major Reconstruction	X-Qualified	

Information on website:

EXAMPLE FIRM

ries: Airports - Design,Highways - Freeways,Highways - Roads and Streets,Hydraulic Reports - Waterways: Complex,Hydraulic Reports - Water Construction/Major Reconstruction,Location Design Studies - Reconstruction/Major Rehabilitation,Location Design Studies - Rehabilitation,S - Construction Inspection,Special Services - Electrical Engineering,Special Services - Mechanical,Special Services - Sanitary,Special Studie Drainage,Special Studies - Pump Stations,Special Studies - Safety,Special Studies - Traffic Studies,Structures - Highway: Advanced Typical Highway: Typical Structures - Mass Transit

If the firm's status is Ranking Process, the prequalification category reviews have not been completed.

In this example, the firm's prequalification status by category remains as is, until IDOT completes the review of the category.

At this point, the firm is prequalified in Location Drainage, and Construction Inspection.

The firm is not prequalified in Sanitary.

For the Reconstruction/Major Rehabilitation, the category has not been reviewed. If they were qualified previously they are qualified, if they were not qualified in the previous submittal then they are not qualified.

SEFC Applications		Categories		
App Id	Application Date	Category	Qualified	Comments
SEFC ID :	07/16/2015	Special Studies - Location Drainage	X-Qualified	
SEFC ID :	08/05/2014	Special Services - Sanitary	A-Denied Prequalification	No experience. Mapping an existing sewer is not designing. We're looking for Sanitary/Storm sewer design within transportation ROW.
SEFC ID :	07/01/2013	Location Design Studies - Reconstruction/Major Rehabilitation		
SEFC ID :	10/30/2012	Special Services - Construction Inspection	X-Qualified	

A reminder to firms, only one active application at a time is allowed. If there are necessary revisions needed while IDOT is reviewing, such as key personnel have left firm, expired insurance, or anything effecting the firms prequalification status send an e-mail explaining the situation. Once IDOT has completed the review, go to EPAS select amend and make the necessary revisions.

Navigating the web-site for Engineering Consultant Firms

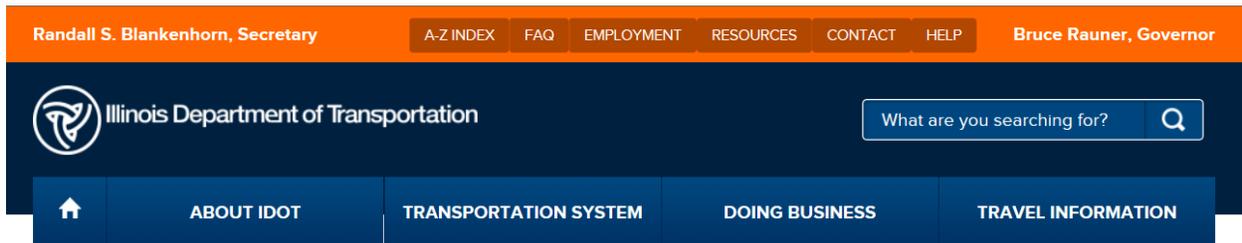
This gives a quick overview of the website and locations of data typically used by Consultant Engineering firms. Most information is located under the Doing Business, Procurements, Engineering, Architectural & Professional Services: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

The screenshot shows the Illinois Department of Transportation website. At the top, there is an orange header with the names of the Secretary (Randall S. Blankenhorn) and Governor (Bruce Rauner). Below this is a dark blue navigation bar with the IDOT logo and a search box. The main content area is white and features a breadcrumb trail: Home > Doing Business > Procurements > Engineering, Architectural & Professional Services. The page title is 'Engineering, Architectural & Professional Services'. The main text describes the department's need for specialized work and the process for firms to work with them. On the left, there is a sidebar with links to 'About IDOT', 'Transportation System', 'Doing Business', 'Construction Contractors Quick Links', 'Procurements', 'Engineering, Architectural & Professional Services', 'Land Acquisition Services', and 'Construction Services'. On the right, there is a 'Quick Links' section with links to 'Consultant Resources', 'EPAS', 'Highways Procurement Policy Review (HPPR)', 'Industry Marketplace', and 'Vendor Documents System'. At the bottom of the main content area, there is a horizontal menu with tabs for 'Prequalification', 'Bulletin', 'Statement of Interest', 'Compliance & Admin', and 'Stay Connected'.

The tabs for Prequalification, Bulletin, etc. contains additional information for Consultant Engineering firms doing business with IDOT. There is a substantial amount of useful information; the following descriptions are only a portion of the data located here.

- Prequalification has a description of all prequalification categories, a current listing of all prequalified firms & the EPAS instruction manual for completing the SEFC & SOI.
- Bulletin has the most current PTB displayed and schedule for upcoming PTB's.
- Statement of Interest tab has the required forms for submitting a SOI
- Compliance & Admin contains information for selected firms such as, process to execute an agreement, the necessary forms, administrating a project (invoicing, closing out) and general IDOT policies.
- We encourage firms to select the Stay Connected and subscribe to the Engineering Consultant Subscription Service. The department uses this service to keep firms informed.

The resources page is also very useful. [Resources](#)



Resources

This page is designed to help our visitors and users find a comprehensive list of manuals/guides, forms, reports etc. without having to access individual pages within the four main areas on the primary navigation of the site.



The Archives have past Professional Transportation Bulletins and the listing of selected firms

The Forms contain all IDOT forms. The Consultant Forms are located under “D” and then Design and Environment.

A | B | C | **D** | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T

Forms

The following is a complete list of forms in accordance to the alphabet letter chosen above. The following number. **IDOT forms are best viewed using Internet Explorer.**

▶ Data Collection

▼ Design and Environment

- BDE 100 Template: Agreement for Subconsultant Services (12/20/16) 
- BDE 101 Template: Supplemental Agreement for Subconsultant Services (12/20/16) 

Notice Of IDOT ELECTRONIC ENGINEERING CONSULTANT SUBSCRIPTION SERVICE November 10, 2010

To receive updates related to the Prequalification of Consultant Engineering Firms, the Publishing of the Professional Transportation Bulletin, or other information related to Consultant Engineering through the free subscription service; please follow the instructions for subscribing. The information for both these items will be automatically e-mailed to the subscriber upon release.

Located at: [Stay Connected](#)

Instructions to Subscribe

Please Note:

By subscribing to the IDOT-PTB list, you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: subscribe-dot-ptb@lists.illinois.gov
2. Send message
3. A confirmation e-mail will be sent to the subscriber asking them to reply or click a link.

Instructions to Unsubscribe

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: unsubscribe-dot-ptb@lists.illinois.gov
2. Send the message.
3. A confirmation e-mail will be sent to you removing you from the subscription list.

NOTICE

UsDOT 1050.2A, Appendix E will be included in all new agreement contracts, including new supplements.

USDOT 1050.2A APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities;

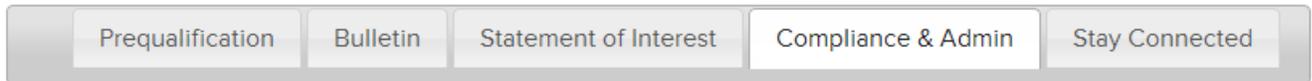
- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42U.S.C. §460 I), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.P.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

Notice

Reminder for Payroll Rate Submittal

To avoid delays and expedite the agreement process it is critical to use the latest forms. Go to the IDOT website and use the latest form for updating the firms Payroll Rates. **Do Not use existing forms.** Use the latest forms on the website under [Resources: Design and Environment](#)

Additional Information for the Cost Estimates and Consultant Services is available on the website, under [Compliance & Administration](#)



Compliance & Administration

Selected firms will receive the name of the IDOT Project Manager who will be the sole point of contact for the contract. This section of the website organizes all relevant information needed for the following processes.

[Agreement Execution](#) | [Administration of the Project](#) | [Policy & Procedures](#)

Agreement Execution

The [Standard Agreement Provisions for Consultant Services \(SAPCS\)](#)  are incorporated into the agreement and along with the scope of services, schedule, and cost. The agreement process is initiated after the selection is made in accordance with the Architectural, Engineering and Land Surveying Qualifications Based Selection Act.

For the requirements of a complete agreement proposal package please select the appropriate type of agreement below.

- [▶ Prime Agreement](#)
- [▶ Supplemental Agreement](#)

Notice
for
Teaming for Professional Transportation Bulletin Items
10-1-15

IDOT allows the practice of multiple firms joining efforts (prequalification categories and staff) to submit as a prime on a Professional Transportation Bulletin. The action of joining forces with another consultant to submit on a Professional Transportation Bulletin is called Teaming. If the firm wishes to use the option of Teaming, it is chosen on Exhibit A in EPAS.

Teaming

*Will the firm be entering into a Teaming Agreement for the item (The lead firm must be the one submitting for the item)?

--Please Select--
--Please Select--
Yes
No

When submitting as a team, the collective prequalifications of the team are used to determine eligibility. When a Team is selected, negotiations proceed with the Team. Contracts are executed with the Team at the end of successful negotiations.

Statements submitted by Teams may be considered unless specifically prohibited in the advertisement. The Team Agreement is signed by all parties and must be included with the statement of interest.

The Team entity will have the sum of the individual firms' prequalification, capacity and evaluation history. IDOT **DOES NOT** have a form for Team agreements. The firms submitting as a Team are required to obtain and submit the Team agreement.

If a firm is submitting as part of a Team, then the firm may not submit as a prime alone or as part of another Team on the same item. The required insurance coverage applies to the Team entity. Each individual firm's current obligations (work left), delinquent debt, Iran disclosure, and disclosure forms A&B must be completed by each of the team members. The Team entity will submit one statement of interest with the following specified:

- The firm managing the Team/Project, i.e. the lead firm;
- The Firm invoicing (typically the lead firm);
- The firm responsible for each prequalification category (must be prequalified in the category of work the firm is performing);
- Key personnel names with firm name on Exhibit A.

Teams Statements of Interest are submitted through EPAS. The firm's interested in performing as a Team(s) must coordinate with each other and submit through EPAS. The lead firm submits the Team Agreement and the Team entities must submit the required forms. See the EPAS Instruction manual.

Review the [EPAS Instruction Manual](#) for details on submitting Statements of Interest through Teaming

Notice for Mentor-Protége:

Available on the internet:

- Templates for Quarterly and Final Mentor-Protégé Reports.
- Mentor-Protégé Implementation has been revised.
- Assessment Templates for the Mentor and Protégé are also available.

See The [Mentor Protege for Engineering Consultants](#)

The screenshot shows a web interface with a navigation bar at the top containing two tabs: "Construction" and "Engineering". The "Engineering" tab is selected. Below the navigation bar, the heading "Engineering" is displayed. A paragraph of text states: "The Engineering Mentor-Protégé Program was created in 2009 at the Illinois Department of Transportation. Please select from the following topic below to view more information." Below this text are three expandable menu items: "Learn More", "How to Get Started", and "Forms". The "Forms" menu is expanded, revealing a list of links under several categories: "Submitting a Plan" (Plan approval letter template, Phase I Mentor Protégé Example Template, Phase II Mentor Protégé Example Template, Phase III Mentor Protégé Example Template), "Compliance" (Mentor-Protégé Compliance Check Sheet), "Reporting" (Quarterly Report, Final Report), and "Required Assessments" (Mentor Assessment). Each link is accompanied by a small icon representing a document or form.

NOTICE

2-26-13

This requirement is NOT a criteria for Selection.

For PTB 166 and all subsequent PTB's and related supplements:

TRAINING/APPRENTICESHIP PROGRAMS. The CONSULTANT and all CONSULTANT's subcontractors must participate in applicable apprenticeship and training programs approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all on-site construction related activities, including material testing and drilling, performed by laborers, workers and mechanics. For purposes of this Agreement, engineers, architects and land surveyors are considered "professional services" as defined in Section 30-15 of the Procurement Code and are not considered laborers, workers or mechanics. With respect to material testing and drilling, these requirements do not apply where the work is performed in a county without a prevailing wage classification for material testing as provided by the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.

For the listing of prevailing wage classifications within a county, go to The [Illinois Department of Labor](#).

SB 51 Rules

Impacts

- Reporting is required on all communications with outside entities that do or want to do business with a state employee if the conversation is procurement specific.
- IDOT immediately recognizes the issues with reporting publically procurement conversations.
- IDOT stopped scheduling meetings with outside entities about future procurements.

SB 51 Communications Reporting Aftermath

- Two long years pass
- Firm/vendors hire and lose talent
- Firm/vendors purchase new technology
- Firm/vendors develop other relationships

SB 51 Communications Report Relief

- Senator Harmon has a task force that is looking at the procurement reform legislation to see if additional changes to the procurement laws are appropriate.
- Task force will continue their work through the summer.
- No action to date.

New Rules

- IDOT staff determines their schedule.
- Firm/vendor must provide an agenda two days before the meeting.
- Consulting firm/firm/vendor must take notes.
- All IDOT employees should also take notes.
- Outside entities must sign an OCC 2500 Form that they are aware of the communications reporting laws and will adhere to all of IDOT's policies.
- Lobbyists of firm/vendors are not prohibited from attending these scheduled meetings since no reportable discussions are to take place. Meetings with lobbyists are permissible as long as these rules are followed.
- No meetings less than two weeks before a Selection Committee Meeting or construction letting.
- All notes, the form signed by the firm/vendor and the agenda provided should be retained by the IDOT employee that scheduled the meeting.

▪ **Discussions are limited to:**

- Firm/vendor personnel
- Firm/vendor past experience
- Work done for local agencies, other state agencies or other states
- Technology
- Goods or Services performed by firm/vendor

▪ **NO PROCUREMENT DISCUSSION – PERIOD**

- If procurement discussions occur, we take firm/vendors notes, add ours as necessary and post them on the internet.
- If procurement discussions occur, firm/vendor may be barred from meeting with anyone from IDOT for a year.

Notice For

Department Manuals, Memorandums, & Rules

The following is available on our website under the [Resources](#) Link

[Aeronautics Part 14 Aviation Safety Rules](#)

[Aeronautics Part 16 Airport Hazard Zoning Rules](#)

[All Bridge Designer Memoranda](#)

[Bureau of Bridges and Structures Documents, Manuals and Procedures](#)

[Bureau of Construction Current Construction Memorandums](#) [Bureau of Design and Environment Manuals & Memorandums](#) [Bureau of Land Acquisition Policies and Procedures Manual Updates](#)

[Coded Pay Items](#)

[CREATE Manuals](#)

[Land Acquisition Manual](#)

[Bureau of Local Roads Circular Letters](#)

[Bureau of Local Roads Manual](#)

[Bureau of Safety Engineering Programs, Policies & Manuals](#)

[Construction Manual](#)

[Geotechnical Documents Manuals and Procedures](#)

[Government Electronic Records Act](#)

[IDOT Drainage Manual](#)

[Illinois Highway Info System Roadway Info & Procedure Manual](#)

[Illinois Highway Info System Structure Info & Procedure Manual](#)

[Illinois Highway Info System Railroad Info & Procedure Manual](#)

[Illinois Traffic Monitoring Program](#)

[Manual on Uniform Traffic Control Devices Oversize/Overweight Permit Policy Manual](#) [Project Procedures Guide](#)

[Quality Standard for Work Zone Traffic Control Devices](#)

To order go to [Manual Sales](#)

NOTICE DBE FIRMS AND PROJECT GOALS

The firms noted as DBE on the List of Pre-qualified Consultants on IDOT's website are firms certified as a DBE in specified areas. List of [Prequalified Firms](#).

It is the responsibility of all prime consultant firm to go to the [Illinois Unified Certification Program](#) web site to verify the subconsultant is certified as a DBE in the area of work the sub will be performing on a specific project. Only the established pre-qualified areas of work the DBE firm is prequalified and certified in as a DBE will be considered toward the project's DBE goal.

Each list of tasks specified on a DBE's Cost Estimate Consultant Services (CECS) is verified for DBE certification.

If you have any questions on DBE certification, please contact the Office of Business and Workforce Diversity. (217) 782-5490

“Special Notice Regarding Disadvantaged Business Enterprises”

The Illinois Department of Transportation (IDOT) has designated various projects advertised in the Professional Transportation Bulletin as requiring participation by Disadvantaged Business Enterprises (DBEs). As a condition for any firm to be considered for a project requiring DBE participation, it must subcontract a minimum of the designated percent to a DBE. Each firm’s letter must include a statement that it intends to subcontract the designated percent to a DBE. The Exhibit A in the Statement of Interest must include the DBE Consultant and the category of work they are going to perform.

To be considered as a prime consultant or subconsultant, a DBE must be prequalified with IDOT’s Division of Highways’ Bureau of Design and Environment (BDE). IDOT’s Bureau of Small Business Enterprises (SBE) maintains a Disadvantaged Business Enterprises Directory of certified DBEs for the purpose of providing a reference source to assist firms. You can view/print and download the most current listing of DBE firms at IDOT’s web site <http://www.idot.illinois.gov> under “Doing Business” “Small Business Enterprises” “Disadvantaged Business Enterprises (DBE) Program/IL UCP DBE Directory.” DBE firms who are prequalified by BDE and are interested in performing consultant work are listed under the UCP Directory by Category, Architecture/Engineering Sorted by firm. Any firm desiring to subcontract work to firms that are not certified DBEs should encourage them to become certified by contacting SBE’s Certification Section at (217) 782-5490.

Failure to assign at least the designated percent to one or more DBEs or to demonstrate that a good faith effort was made to assign the designated percent shall result in one of the following:

1. Notification to the prime consultant that the Agreement will not be signed until the percentage of DBE participation is met.
2. The Agreement will be signed with the understanding that payments to the prime consultant will be reduced by an amount determined by multiplying the total Agreement fee by the designated percent and subtracting the dollar value of DBE subcontracts.
3. Contract negotiations will be terminated.

Upon completion of the contract, should it be determined the prime consultant failed to assign the designated percent to an eligible DBE or demonstrated that a good faith effort was made to assign the designated percent as agreed upon, payment to the prime consultant will be reduced by the amount set forth in number 2 above.

A complaint regarding any decision rendered by or action by any Division or Office of IDOT pursuant to these requirements may be filed with the Secretary of IDOT.

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

Following selection, 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 IDHR web site link: [IDHR](#). Information 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.

Please be aware that, as of January 1, 2010, per Public Act 096-1786, all those filing for, *or renewing*, an IDHR number, will be charged a \$75.00 registration fee. Such registration will be valid for 5 years from the date of issuance.

Overtime Billing **for** **Engineering Consultant Contracts**

The engineering consultant firm may bill overtime in accordance with Section 2.86 of the Standard Agreement Provisions and the following. When the employee in the same pay period, has worked on more than one project, the amount premium wages charged to a project must be in direct proportion to the total number of hours the employee worked in that pay period. (i.e. total hours worked in pay period = 50 hours (10 of which are premium hours), 25 total hours for the pay period on the project, 5 hours of overtime may be charged to the project.)

Notice

Documentation of Contract Quantities Class

Since July 2008, the "Documentation of Contract Quantities" class and re-tests have been administered by the University Of Illinois - Illinois Center for Transportation, and is currently coordinated by Greg Renshaw, PE. The Illinois Center for Transportation (ICT) <http://ict.illinois.edu/> is an innovative partnership between IDOT and the University of Illinois at Urbana-Champaign (UIUC). All transactions and correspondence will now be through ICT and no longer with the Illinois Department of Transportation (IDOT) Central Bureau of Construction. Fees are now being charged for all classes and retests and will be required at the time of registration.

Greg Renshaw, PE can be contacted at grenshaw@illinois.edu, phone (217)300-6375. Course and retest dates typically take place from November through April.

For consultant and local agency enrollment, as well as answers to frequently asked questions (FAQ), the "Documentation of Contract Quantities" is located at the U of I training website <http://ict.illinois.edu/outreach/documentation-training/>

Typically, in late September/early October the class schedule for the next fall/winter/spring's Documentation of Contract Quantities classes is posted. Also, firms can sign up for an automatic email reminder via ICT's website (see "Join Notification List") whenever new information is posted on their website.

NOTICE OF TRAINING OPPORTUNITY Updated 9-23-14

LAKELAND COLLEGE TRAINING COURSES

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

Kathy Willenborg

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/as/idt/index.cfm>

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

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

<https://www.nhi.fhwa.dot.gov/default.aspx>

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

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

<http://www.ntionline.com>

ILLINOIS CENTER FOR TRANSPORTATION

University of Illinois at Urbana-Champaign Erosion Control Research and Training Center (ECRTC).

Please visit the web-site for further information on course schedule and registration information:

<http://ict.illinois.edu/outreach/erosion-control-workshop/>

For questions about registration and cancellations contact:

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