

Professional Transportation Bulletin

PTB 212

May 2, 2024

Revised: May 14, 2024

Statements of Interest are due before 12:00 p.m.
on May 23, 2024
Selection Date: July 17, 2024

The logo features the word "Help" in a stylized, blue, 3D font with a yellow outline, followed by an ampersand "&" in a similar style. Below this, the word "INFORMATION" is written in a yellow, outlined, sans-serif font. The entire logo is set against a yellow background and is enclosed in a blue square frame with a drop shadow.

**Help &
INFORMATION**

The logo consists of the text "Check this out" in a white, sans-serif font at the top. Below the text is a circular graphic with a yellow background and a blue border. Inside the circle, there is a black checkmark and a clock face with a hand pointing to the top. A curved arrow points from the bottom left towards the checkmark. The entire graphic is set against a blue background and is enclosed in a blue square frame with a drop shadow.

Check this out

ILLINOIS DEPARTMENT OF TRANSPORTATION

2300 South Dirksen Parkway, Springfield, Illinois 62764

CONTENTS

NOTICE OF REVISIONS.....	3
CONTACT INFORMATION	4
TENTATIVE SCHEDULE.....	5
NOTICES	6
INTRODUCTION.....	12
SUBMITTING A STATEMENT OF INTEREST	14
LISTING OF ADVERTISEMENTS	17
RECURRING NOTICES	175

NOTICE OF REVISIONS

Professional Transportation Bulletin Revisions

Selection Date: July 17, 2024

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: Tuesday, May 14, 2024

- **Item 37:** removed Pumping Stations prequal requirement for sub and from ad.
- **Item 41:** adjusted Phase I services.

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. Jose Rios

District 1
201 West Center Court
Schaumburg, IL 60196

Region 2: Ms. Trisha Thompson

<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. Kirk Brown

<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 212	PTB 213	PTB 214	PTB 215	PTB 216	PTB 217
PUBLISH PTB	05/02/24	08/01/24	10/31/24	01/30/25	05/01/25	07/31/25
**STATEMENTS OF INTEREST DUE	05/23/24	08/22/24	11/21/24	02/20/25	05/22/25	08/21/25
SELECTION MEETING	07/17/24	10/16/24	01/15/25	04/16/25	07/16/25	10/15/25

**** Statements of interest for the current PTB 212 must be RECEIVED between:**

Publish Date 05/02/24 & 05/23/24 (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.

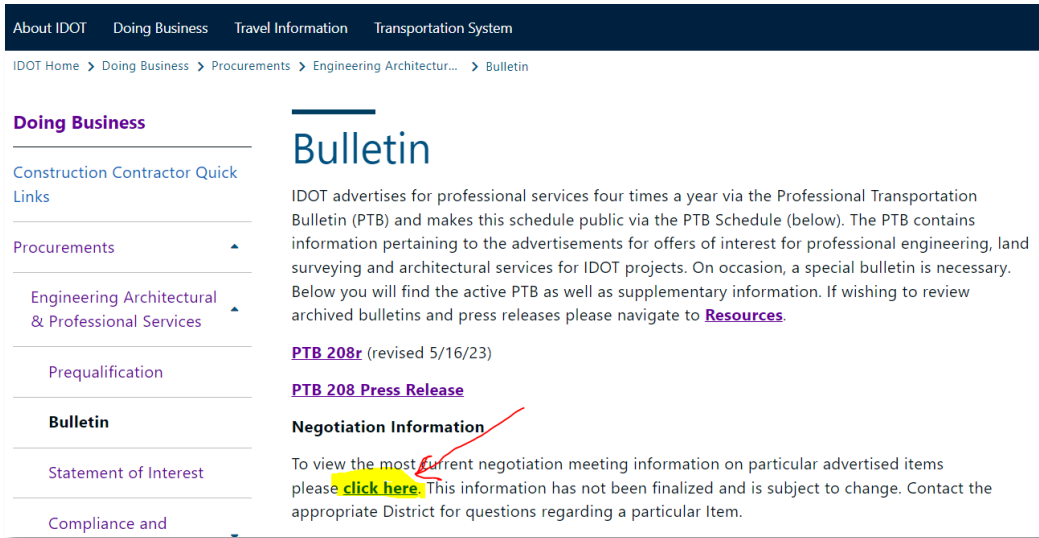
NOTICES

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

<i>Negotiation Information Site</i>	7
<i>Email and Form Updates</i>	8
<i>Per Diem and Mileage Updates</i>	9
<i>Land Acquisitional Services</i>	10
<i>EPAS Updates</i>	11

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.



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

LOCATION		CONTACT	ITEM(S)
Region 1	District 1	Jose Rios	1 - 14
Region 2	District 2	Trisha Thompson	15 – 20
Region 2	District 3	Trisha Thompson	21 – 24
Region 3	District 4	Kensil Garnett	25 -27
Region 3	District 5	Kensil Garnett	28
Region 4	District 6	Jeff Myers	29 - 33
Region 4	District 7	Jeff Myers	34 – 36
Region 5	District 8	Kirk Brown	37 – 43
Region 5	District 9	Kirk Brown	44 – 48
Bureau of Bridges & Structures		Jayne Schiff	49 – 52
Bureau of Construction		Lora Rensing	53
Bureau of Operations		Kyle Armstrong	54 – 57
Bureau of Research		John Senger	58

Email and Form Updates

Implemented: May 1, 2024

There will be updates to the BDE 3604/3608 forms soon, the changes made:

- Added a Directions tab
- Escalation tab – added a Work Order # row for individual work orders.
- RATES tab – changed the formula for the Calculated Rate column to limit it to the \$86 cap.
- Cost Est tab – Added a Phase III hours column (a dropdown – yes) for the Phase II projects.
- Cost Est tab – Added a Department only box at the bottom of the page.
- Corrected the Printing so each tab would print on one page.
- Made some minor formatting changes.

The e-mail address for Annual Payroll submittal has been changed from DOT.escalation@illinois.gov to DOT.BDE.Escalation@illinois.gov.

Please use the new e-mail address effective ***immediately***.

Per Diem and Mileage Updates

Implemented: January 1, 2024

As of January 1, 2024, the State of Illinois' mileage reimbursement rate for the use of personal vehicles will increase from 65.5 cents per mile to 67 cents per mile effective January 1, 2024.

The Department has been advised by the Governor's Travel Control Board (GTCB) that effective January 1, 2024, State travel reimbursement rates for lodging and mileage for automobile travel, as well as allowances for meals and per diem, shall be set at the maximum rates established by the federal government for travel expenses, subsistence expenses, and mileage allowances under 5 U.S.C. 5701 through 5711.

Additional information about Travel Rules and Regulations is available at [Travel Guide for State Employees](#) and at [Travel Reimbursement Schedule](#).

Land Acquisitional Services

Implemented: November 2, 2023

Public Act 103-0511 was enacted on August 4, 2023, and amends the Architectural, Engineering, and Land Surveying Qualifications Based Selection Act (QBS Act) 30 ILCS 535/1 et seq. by including in the definition of “project” any land acquisition conducted by either the Illinois Department of Transportation (IDOT) or the Illinois Toll Highway Authority and that requires architectural, engineering, or land surveying services. IDOT land acquisition services contracts previously procured through an invitation for bid (IFB) process are now subject to the QBS Act and will be advertised and selected using the Land Acquisition Bulletin

Please note: that when you login to EPAS you will see two bulletins that are active, be sure to select the appropriate bulletin you are applying for:

[+ Start SOI #: 801](#) [+ Start SOI #: 210](#)

EPAS Updates

Implemented: August 1, 2023

The following changes were implemented into EPAS:

1. Performance Evaluation Contact

The Performance Evaluation Contact used to be a separate field under “Corporate Details”, which is now moved to the main table under “Corporate Profile”.

This information is required and only one contact can be listed.

Contact Type	Full Name	Address	Phone	Phone Ext	Email	
Financial	Ms. Jenni LeSeure	123 Here and There, Springfield, IL 62764	(217) 782-6916		Jenni.LeSeure@illinois.gov	Edit Delete
Main	Ms. Jenni LeSeure	123 Here and There, Springfield, IL 62764	(217) 782-6916		Jenni.LeSeure@illinois.gov	Edit Delete

A Performance Evaluation Contact type must be entered before submitting the Application.

2. Insurance Certificate

As many firms are aware, the SEFC can be locked in review for months and unable to update the Insurance Certificate. To ensure we have the latest copy of insurance on file for invoicing purposes, we created an attachment under the “Invoices” arm in EPAS.

If you have access to this arm (it is a permission layer) you will now be able to see a tab “Current Insurance Certificate” where you can upload an updated copy when ever you need to. This is not retained, but just a fluid document. The SEFC will hold the historical copies for claim purposes. This copy is just for the District Project Managers and Central Office, instead of emailing multiple copies to various individuals throughout IDOT.

EPAS Home

Invoices

Reports

User Administration

News

ABC Corp.

Firm Invoices

Invoices **Current Insurance Certificate**

Current Insurance Certificate: [Redacted Name]

INTRODUCTION

State of Illinois

Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

Professional Transportation Bulletin 212

Publish: May 2, 2024

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 Prequalification and 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 23, 2024

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

- **Firm Interest and Photos**
 - A brief statement of the firm's interest in performing the work. This *shall not* exceed 2 pages, if it exceeds the 2 page limit, the submittal will not be accepted for that particular item.
 - Organization chart shall be required.
 - Only include a Project Understanding and Approach *if it is* requested within advertisement.

- **Exhibit A**
 - Only list the required key personnel that are requested within the advertisement. Ensure 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. Resumes *shall not* exceed 2 pages and must be relevant to the expertise required for the specific project.
 - 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**
EPAS prompts the user to complete form B when it is required for Projects involving:
- Location Design Studies (Reconstruction/Major Rehabilitation)
 - Location Design Studies (New Construction/Major Reconstruction)
 - Environmental Reports (Environmental Assessment)
 - Environmental Reports (Environmental Impact Statements)
- 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.
- PDF *shall not* exceed 20 pages.
- Project Experience #4**
- Unless additional information is required within the advertisement this field should be blank. Teaming Agreements if applicable should be included here.
- Project Experience #5: Consultant's Exhibit A**
- Ensure the printed Exhibit A has a signature (**can be electronic**)
- 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 Exhibit A 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.

□ **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.

Requirements

Exhibit A, Exhibit B (when applicable), the Current Obligations, and Delinquent Debt Certification, are required to be submitted in order to be considered for selection.

LISTING OF ADVERTISEMENTS

PTB 212

ITEM	COUNTY	DESCRIPTION
<hr/> Region 1/District 1 <hr/>		
1	VARIOUS	Job No. D-91-186-24, Various Phase II Projects, Various Routes, Various Counties, Region One/District One.
2	COOK	Job No. C-91-048-22, IL 53: Lake Cook Rd to IL 68 (Dundee Rd), Phase III Project, Cook County, Region One/District One.
3	COOK	Job No. D-91-183-24, FAI 290 (Eisenhower Expressway) at 9th Avenue, Phase II Project, Cook County, Region One/District One.
4	VARIOUS	Job No. P-91-041-24, Various Phase I Projects, Various Routes, Various Counties, Region One/District One.
5	COOK	Job No. D-91-171-24, FAI 290 (Eisenhower Expressway) at 17th Avenue, Phase II Project, Cook County, Region One/District One.
6	VARIOUS	Job No. V-91-016-24, Various Phase III Inspection (Pavement Marking and other Traffic Control Devices), Various Routes, Various Counties, Region One/District One
7	WILL	Job No. C-91-410-20, US 30 (Cass Street) at Des Plaines River, Phase III Project, Will County, Region One/District One.
8	VARIOUS	Job No. D-91-182-24, Various Phase II Hazardous Waste Assessments, Various Routes, Various Counties, Region One/District One.
9	VARIOUS	Job No. V-91-013-24, Bureau of Construction - Various Hybrid Construction Engineering, Phase III Project, Various County, Region One/District One.
10	VARIOUS	Job No. V-91-015-24, Bureau of Construction – Various Bridge Painting Inspection, Phase III Project, Various County, Region One/District One.
11	COOK	Job No. D-91-184-24, FAI 290 (Eisenhower Expressway) at Des Plaines Avenue, Phase II Project, Cook County, Region One/District One.
12	COOK	Job No. D-91-203-24, IL 43 (Harlem Avenue) at US 12/20 (95TH St.), New Pump Station #25 Phase II Project, Cook County, Region One/District One.
13	WILL	Job No. C-91-030-02, Richards St at Hickory Creek N of I-80, Phase III Project, Will County, Region One/District One.

ITEM	COUNTY	DESCRIPTION
14	VARIOUS	Job No. D-91-185-24, Various Phase II Projects, Various Routes, Various Counties, Region One/District One.
Region 2/District 2		
15	VARIOUS	Job No. P-92-100-24, Various Phase I/II Survey Projects, Various Routes, Various Counties, Region Two/District Two.
16	VARIOUS	Job No. P-92-002-25, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Two.
17	VARIOUS	Job No. P-92-003-25, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Two.
18	HENRY	Job No. C-92-072-20, I-80 from the Rock River to US-6, Phase III Project, Henry County, Region Two/District Two.
19	WINNEBAGO	Job No. C-92-093-22, I-39/US20 Reconstruction, Phase III Project, Winnebago County, Region Two/District Two.
20	VARIOUS	Job No. V-92-008-23, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Two.
Region 2/District 3		
21	VARIOUS	Job No. P-93-008-24/D-93-077-24, I-180 from I-80 to 0.6 miles east of IL 26 (East) in Hennepin, Phase I/II Project, Various County, Region Two/District Three.
22	VARIOUS	Job No. P-93-017-24, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Three.
23	KANKAKEE	Job No. D-93-076-24, IL 113 from North 3320 West Road in Limestone to Indian Trail in Kankakee & IL 114 from IL 1/17 to the Indiana State line, Phase II Project, Kankakee County, Region Two/District Three.
24	VARIOUS	Job No. P-93-016-24, Various Project Management Projects, Various Counties, Region Two/District Three.
Region 3/District 4		
25	VARIOUS	Job No. P-94-010-24, Land Acquisition Management Team, Various Routes, Various Counties, Region Three/District Four.
26	VARIOUS	Job No. V-94-001-24, Various Phase III Projects, Various Routes, Various Counties, Region Three/District Four.

ITEM	COUNTY	DESCRIPTION
27	VARIOUS	Job No. V-94-002-24, Various Phase III Projects, Various Routes, Various Counties, Region Three/District Four.
Region 3/District 5		
28	CHAMPAIGN	Job No. C-95-032-16, US 45 from Springfield Ave. in Champaign to Curtis Rd. in Savoy, Phase III Project, Champaign County, Region Three/District Five.
Region 4/District 6		
29	VARIOUS	Job No. P-96-014-24, IL 99 over ditches 2 miles & 3.3 miles SW of Versailles and IL 106 over ditch 6.2 miles SE of Barry, Phase I/II Project, Brown & Pike Counties, Region Four/District Six.
30	VARIOUS	Job No. P-96-010-24, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Six.
31	VARIOUS	Job No. V-96-001-24, Various Phase III Projects, Various Routes, Various Counties, Region Four/District Six.
32	VARIOUS	Job No. P-96-012-24, Various Phase II Projects, Various Routes, Various County, Region Four/District Six.
33	VARIOUS	Job No. P-96-011-24, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Six.
Region 4/District 7		
34	VARIOUS	Job No. P-97-086-23, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Seven.
35	VARIOUS	Job No. P-97-088-23, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Seven.
36	VARIOUS	Job No. P-97-087-23, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Seven.
Region 5/District 8		
37	VARIOUS	Job No. P-98-032-24, Various Phase I/II SUE Projects, Various Routes, Various Counties, Region Five/District Eight.
38	VARIOUS	Job No. MT-98-002-24, Various Phase III Materials Quality Assurance Testing and Inspection Projects, Various Routes, Various Counties, Region Five/District Eight.
39	VARIOUS	Job No. P-98-038-24, Various Phase I/II Management Projects, Various Routes, Various Counties, Region Five/District Eight.

ITEM	COUNTY	DESCRIPTION
40	VARIOUS	Job No. P-98-033-24, Various Phase I/II Projects, Various Routes, Various Counties, Region Five/District Eight.
41	ST. CLAIR	Job No. P-98-036-24, East St. Louis Transportation Study in East St. Louis, Phase I Project, St. Clair County, Region Five/District Eight.
42	VARIOUS	Job No. P-98-034-24, Various Phase I/II Projects, Various Routes, Various Counties, Region Five/District Eight.
43	RANDOLPH	Job No. P-98-020-24, Reconstruction of IL 3 from Pleasant Ridge Road to the Jackson County Line, Phase I/II Project, Randolph County, Region Five/District Eight.

Region 5/District 9

44	VARIOUS	Job No. P-99-025-24, Various Phase I/II Projects, Various Routes, Various Counties, Region Five/District Nine.
45	VARIOUS	Job No. C-99-105-24, I-24 Ohio River Bridge, Massac County, Phase III Project, Massac County, Region Five/District Nine.
46	VARIOUS	Job No. V-99-002-24, Various Phase III Projects, Various Routes, Various Counties, Region Five/District Nine.
47	VARIOUS	Job No. P-99-026-24, IL 3 South of Waterloo, along IL 154 to IL 13/127 North of Murphysboro, Phase I Project, in Monroe, Randolph, Perry, and Jackson Counties, Region Five/District Eight and Nine.
48	VARIOUS	Job No. P-99-028-24, Various Local Roads Project Management Projects, Various Routes, Various Counties, Region Five/District Nine.

Bureau of Bridges & Structures

49	VARIOUS	Job No. BI-37-004-25, Various Phase III Steel Fabrication Shop Inspection Projects, Various Routes, Various Counties, Bureau of Bridges & Structures.
50	STATEWIDE	Job No. BI-37-002-25, Various Phase III Paint Inspection Projects, Various Routes, Various Counties, Bureau of Bridges & Structures.
51	STATEWIDE	Job No. BI-37-003-25, Various Phase III Paint Inspection Projects, Various Routes, Various Counties, Bureau of Bridges & Structures.
52	STATEWIDE	Job No. BI-37-001-25, Various Phase II Projects, Various Routes, Various Counties, Bureau of Bridges & Structures.

ITEM	COUNTY	DESCRIPTION
Bureau of Construction		
53	VARIOUS	Job No. N-65-001-24, Various Project Management Projects, Various Routes, Various Counties, Central Bureau of Construction.
Bureau of Operations		
54	VARIOUS	Job No. S-60-007-24, Various Phase II Statewide Sign Structure Inspection Projects, Various Routes, Various Counties, Bureau of Operations.
55	VARIOUS	Job No. S-60-005-24, Various Phase II Traffic Signal Coordination and Timing (SCAT) Projects, Various Routes, Various Counties, Districts Two, Three, Four, and Five, Bureau of Operations.
56	VARIOUS	Job No. S-60-006-24, Various Phase II Sign and Tower Structure Inspection Projects, Various Routes, Various Counties, District One, Bureau of Operations.
57	VARIOUS	Job No. S-60-004-24, Various Phase II Traffic Signal Coordination and Timing (SCAT) Projects, Various Routes, Various Counties, Districts Six, Seven, Eight, and Nine, Bureau of Operations.
Bureau of Research		
58	CLINTON	Job No. HPR-25-002-25, Various Phase III Projects, Various Routes, Clinton County, Bureau of Research.

1. **Job No. D-91-186-24, Various Phase II Projects, 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 10, 2024, at 10:00 AM** at the **Region One/District One Office in Schaumburg**.

Phase II engineering services are required for a Project Management (PM) Consultant to perform work similar to an IDOT Traffic Design staff engineer and comparable staff. This position reports to the District One Traffic Operations Design Engineer and his/her delegate(s). Key staff from the PM Consultant may be required to perform work in the District offices as needed, but generally not on a regular basis. Work from the Consultant's office will be considered based on the needs of the department. The PM staff shall provide Phase II engineering services with an emphasis in plan preparation and plan review for traffic signals, other traffic control devices and signing. Effective coordination with other staff, bureaus, municipalities, as well as other Consultant designers will be required. Work will consist of, but is not limited to, design and review of accessible pedestrian equipment in compliance with current ADA and PROWAG requirements, preparation of special provisions, and cost estimates. Other work may consist of; review of multiple stages of traffic signal designs and operation, temporary traffic signals, catalog cut review, signing design, interconnect plans, various traffic control, ITS elements, and preparation of environmental survey requests including environmental impact maps. The work may also include traffic design administrative assistance, as needed including document processing, filing, copying, scanning, record retention.

PM Consultant personnel shall attend field visits and meetings as assigned and have a good working knowledge of the department's Specifications for Road and Bridge Construction Manual, Bureau of Design and Environment Manual, District One EMC Standards and Guidelines, District One Traffic Signal Design Guidelines, and District One Signing Design Guidelines; national publications such as the NEC, MUTCD, ADA Standards, PROWAG, and AASHTO guidelines and standards; and shall be familiar with current memorandums, publications, and requirements for railroad interconnected traffic signals. The selected personnel shall have good working knowledge of District One Special Provisions. Primary focus shall be emphasized on providing plans and review for ADA accessible pedestrian equipment. The selected personnel shall have excellent working knowledge of current standards, guidelines, and memorandums pertaining to ADA accessible facilities.

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 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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software (or equivalent) and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	25
Firms understanding/method of accomplishing project requirements	5

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 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 person who will perform/supervise the work in the area of traffic signal design (must be an Illinois Licensed Professional Engineer).

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

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant’s relevant projects completed by the firm within the past ten (10) years by members of the Consultant’s’ key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

Statements of Interest, including resumes of only 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).

2. **Job No. C-91-048-22, IL 53: Lake Cook Rd to IL 68 (Dundee Rd), Phase III Project, Cook County, Region One/District One.**

This project requires **26% 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 25, 2024, at 10:00 AM** at the **Region One/District One Office in Schaumburg**.

Phase III engineering services are required to provide construction engineering for subject improvement. Work includes, but is not limited to, replacing the existing wooden Noise Abatement Wall along the IL-53 (from Dundee Rd to Lake Cook Rd) with a precast concrete wall (panels and posts) on both east and west sides. Other work includes tree removal, erosion and sediment control, landscaping, structure and ground mounted Noise Abatement Walls, and all incidental and collateral work necessary to complete the project as shown on the plans.

The following structures are included in this project:

- S.N. 016-N100: Along IL 53 from IL 68 (Dundee Rd) to Lake-Cook Road east side
- S.N. 016-N101: Along IL 53 from IL 68 (Dundee Rd) to Lake-Cook Road west side

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	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, 2025, plus 10 working days. The Consultant must complete and submit final measurements, calculations, and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Materials Coordinator.

- The Survey Chief.
- 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). If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training.

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 only 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).

3. **Job No. D-91-183-24, FAI 290 (Eisenhower Expressway) at 9th Avenue, Phase II Project, Cook County, 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 **0.035**.

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 2, 2024, 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, structural plans, specifications, cost estimates, supplemental surveying, geotechnical services, lighting design, and all other work necessary to complete the improvements for I-290 at 9th Avenue (Overhead). This project includes complete bridge replacement of the 9th Avenue Bridge. The proposed improvement also includes the preparation of the type, size, location (TS&L). There will be proposed retaining walls in line with both abutments to provide additional width for the expressway.

The following structure is included in this project, S.N. 016-2058: 9th Avenue over I-290.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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	25
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 completion date for this contract will be 24 months after authorization to proceed.

The estimated construction cost for this project is \$15,000,000.

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

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

- The person who will perform the duties of the Structural Engineer, and who will be in charge of the 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 with adequate plan review experience 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: Complex)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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 work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (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 categories 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 Plans (Traffic Signals)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

4. **Job No. P-91-041-24, Various Phase I 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, 2024, at 10:00 AM** at the **Region One/District One Office in Schaumburg**.

Phase I engineering services are required for the preparation of various Phase I 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 District in completing on-going Phase I studies and tasks.

The selected Consultant and/or their Subconsultants on these projects 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 department will furnish the Consultant with any relevant and available information such as accident data, existing and projected traffic data, utility coordination, and right-of-way data, as well as archaeological, historical, wetland, and special waste survey 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, 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 a minimum of two (2) days per week, three (3) days would be desirable. 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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 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 duties of the Structural Engineer, and who will be in charge of the structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified. The **Structures (Highway: Advanced Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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 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)** and **Hydraulic Reports (Waterways: Typical)** prequalification category requirements may be 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 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 **Special Services (Public Involvement)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must include:

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

5. **Job No. D-91-171-24, FAI 290 (Eisenhower Expressway) at 17th Avenue, Phase II Project, Cook County, 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 **0.035**.

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 2, 2024, at 10:00 AM** at the **Region One/District One Office in Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, structural plans, specifications, cost estimates, supplemental surveying, geotechnical services, lighting design, and all other work necessary to complete the improvements for I-290 at 17th Avenue (Overhead). This project includes complete bridge replacement of the 17th Avenue Bridge. The proposed improvement also includes the preparation of the type, size, location (TS&L). There will be proposed retaining walls in line with both abutments to provide additional width for the expressway.

The following structure is included in this project, S.N. 016-0694: 17th Avenue over I-290.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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	25
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 completion date for this contract will be 24 months after authorization to proceed.

The estimated construction cost for this project is \$15,000,000.

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

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

- The person who will perform the duties of the Structural Engineer, and who will be in charge of the 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 with adequate plan review experience 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: Complex)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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 work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (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 categories 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 Plans (Traffic Signals)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

6. **Job No. V-91-016-24, Various Phase III Inspection (Pavement Marking and other Traffic Control Devices), Various Routes, Various Counties, Region One/District One**

This project requires **26% 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 12, 2024, at 1:30 PM** at the **Region One/District One Office in Schaumburg**.

Phase III engineering services are required to assist department resident engineer 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 2024, 2025 and 2026 (if applicable) construction seasons. Typical assignments would include, but not limited to, the improvement of various locations throughout District One, pavement marking field inspection, raised reflective pavement markers, curb and median painting, roadway signing, project finalization and documentation and all other work required for the project. Working hours may be extended and not be during typical work hours. 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	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 48 months after authorization to proceed.

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

- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).
- The person(s) performing the Construction Inspection.

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 only 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).

7. **Job No. C-91-410-20, US 30 (Cass Street) at Des Plaines River, Phase III Project, Will County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **26% 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 25, 2024, at 9:30 AM** at the **Region One/District One Office in Schaumburg**.

Phase III engineering services are required to provide rehabilitation of the bascule spans of US 30 (Cass St) bridge over Des Plaines River including structural, mechanical, and electrical improvements. The open steel bridge deck on the movable span will be replaced with a partially filled lightweight concrete deck and the concrete decks of the approach spans will be replaced in-kind. Concrete substructures will be repaired. Approach roadway slabs will be replaced, and portions of the approach roadway pavement will be reconstructed. Bridge will be closed with detour. All incidental and collateral work necessary to complete the project as shown on the plans.

The following structure is included in this project, S.N. 099-0101: US 30 (Cass Street/Western Avenue) over Des Plaines 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 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, 2025, plus 15 working days. The Consultant must complete and submit final measurements, calculations, and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).

- The Assistant Engineer.
- The Materials Coordinator.
- The Survey Chief.
- 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). If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training.

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 only 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).

8. **Job No. D-91-182-24, 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 25, 2024, 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) and other due diligence type evaluations 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.

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

Phase II Engineering services are required to perform "Preliminary Site Investigations" (PSI's), and when necessary Detailed Site Investigations (DSI's) which are similar to CERCLA RI/FS's. PSI's will entail investigations of sites potentially containing regulated substances. A wide variety of sites may be investigated (e.g., old, abandoned, or improperly closed dumps and waste sites, chemical manufacturing sites, metal plating / fabricating sites, dry cleaning / service stations, storage tank sites and buildings, structures containing potential contamination, incidents in IDOT yards, spills along roadways, 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 e.g., PCB's, pesticides, heavy metals, organics, and radioactive wastes.

Additional work will include conducting studies, 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 and maintaining environmental management systems. Industrial hygiene and safety standard monitoring services, including laboratory testing, may be required to recognize, evaluate, and control workplace conditions that can cause worker's injury or illness.

The department will furnish the Consultant with the PESA or other due diligence documentation and, as available, project reports, field survey data, soil survey data, and plans of the existing and proposed transportation facility. The ability to accurately read, understand and implement engineering contract plans, 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. The Consultant will be available to provide two independent Subconsultant staff responsible for geologic and waste assessment expertise and oversight. The independent Subconsultant staff will be available to work full time in the district office. The person who will

perform the duties of geologic and waste assessment specialist must demonstrate expertise in regulated substances management, be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Geologist. The geologic and waste assessment specialist has authority to assign priorities, resolve technical problems, and monitor and approve Consultant and contractor work for hazardous waste studies.

Primary responsibilities of the geologic & waste assessment specialist anticipated:

- Provides technical expertise and guidance to the District.
- Assures special waste documents conform to departmental guidelines, are compatible with engineering requirements, and consistent with state and federal law.
- Monitors special waste conducted by the District to assure that problems are adequately investigated and that the policy and procedures are uniformly applied.
- Directs the activities of consultants for hazardous waste studies and recommends approval of their work.
- Evaluates the performance of project special waste consultants and for their qualifications in hazardous waste.
- Keeps abreast of waste issues, both state and federal, and their potential effects on the department.

The geologic & waste assessment specialist prepares special provisions for lettings based upon results of Phase II PSI results, reviews construction plans prior to letting to ensure they are correct for special waste issues, and reviews regulated substances pre-construction plans and post-construction reports to ensure they are consistent with and correct for the special provision.

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

POTENTIAL WASTE SITES INCLUDING UST-LUST and SRP 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, utility locating, traffic control, property access coordination, mobilization surface geophysical investigations, trenching, drilling, sampling, chemical analysis, and reporting. Laboratory testing, including quality assurance/quality control is considered 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. 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 when necessary to more accurately define the extent of contamination.

As work is identified, the department will request the Consultant to prepare an outline of the work phases and recommended 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 planning, mobilizing, sampling, testing, reporting, and work order administrative support activities.

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.

SCHEDULE

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 rapid response oversight), to accomplish the following items. (Duration is measured in calendar days, unless otherwise indicated):

- Respond with a draft work plan within 14 days of tasking, and a final work plan within 7 days following the department's comments.
- Mobilize for field work within 10 days after authorization to proceed (i.e., final work plan approval date);
- Prepare the draft report within 60 days after the authorization to proceed; complete the final report within 10 days following the department's comments; and
- Conduct records management and quality assurance within 90 days of final report submittal on the draft and final documents provided to the department including via the ISATS web application and provide to the department the investigation laboratory electronic data deliverables.
- Respond within four hours for rapid response oversight situations.

The department will typically assign a target completion date to each work order signifying the date by which IDOT desires to have the last technical milestone achieved. For projects with document deliverables, e.g., PSI and ECA type reports, the target completion date is the date when the last report shall be delivered to IDOT. Assuming sufficient lead time has been provided by the district to accomplish this work, the department will normally request submittal of the last technical milestone no later than eight (8) to seventeen weeks (17) prior to the anticipated letting date. In cases where there is insufficient time to accommodate these milestones, the Consultant will promptly alert the department and a resolution shall be discussed and agreed upon on a case-by-case basis.

MISCELLANEOUS SURVEYS, TESTING AND CONTRACTING

Engineering consulting services to perform environmental site assessments, studies, surveys, and/or testing on an as-needed basis will include assignments such as conducting investigations and testing of stored materials, tank contents, containers, environmental media sampling (e.g., surface water, soil, air, groundwater, building materials), coordination and oversight of underground tank removals, geophysical surveys, utility locating, traffic control, modeling, drilling and installing wells, geospatial data management, environmental risk assessment, value engineering, or other specialized environmental services. 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 to achieve “No Further Remediation” (NFR) clearance, and other ad hoc environmental-related tasks within the scope of services typically provided by a hazardous waste Consultant. Ability to respond statewide and develop a regulatorily-sufficient scope of work for corrective action sites and efficiently execute the work to achieve an NFR or other closure status is considered an important part of this work. Industrial hygiene and safety standard monitoring services, including work site analysis and laboratory testing, may be required to recognize, evaluate, and control workplace conditions that can cause worker’s injury or illness. Miscellaneous type work often requires a project specific work plan and mobilization plan that differs from PSI work.

The Consultant may be required to contract with vendors, for example, excavation, trucking, and landfill, and conduct environmental oversight for various construction activities; provided, however, the department acknowledges that Consultant is performing professional services for the department and that Consultant is not and shall not be required to become an “owner,” “arranger,” “operator,” “generator,” or “transporter” of hazardous substances (Hazardous Substances) as defined in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended, which are or may be encountered at or near a project site in connection with Consultant’s activities under the Agreement. Consultant’s services hereunder may include, at the department’s request, assisting the department in identifying appropriate alternatives for off-site treatment, storage, or disposal of the Hazardous Substances, but Consultant shall not make any independent determination relating to the selection of a treatment, storage, or disposal facility nor subcontract such activities through transporters or others. The department shall sign all necessary manifests for the disposal of Hazardous Substances. If the department requires: (1) Consultant, its agents or employees to sign such manifests; or (2) Consultant to hire, for the department, the Hazardous Substances transportation, treatment, or disposal contractor, then for these two purposes, Consultant shall be considered to act as the department’s agent so that Consultant will not be considered to be a generator, transporter, or disposer of such substances or considered to be the arranger for disposal of Hazardous Substances.

TANK PROGRAM COMPLIANCE SERVICES

Engineering Consultant services are required to provide on-going monitoring, testing, repair, and documentation of the department’s aboveground storage Tanks (ASTs) and underground storage tanks (USTs) containing fuel products. This includes required activities and deliverables to ensure full regulatory compliance of ASTs/USTs, as well as evaluation, assessment, and recommendations for future compliance or preventative maintenance activities. Specific activities include, but are not limited to, conducting annual/triennial tank testing in accordance with applicable regulations, tank repair/upgrade services, routine tank maintenance, tank removals and/or replacements, vacuum truck services (spill buckets, tank containment, and dispenser sumps), and corrective actions including remediation of tank spills/leaks. Services will also

include providing basic AST/UST program management and compliance training to department personnel on the proper inspection, operation, and maintenance of AST/UST equipment, financial responsibility, and recordkeeping. The firm shall supply expertise and personnel as needed to conduct tank program compliance services as dictated by the department's need.

RAPID RESPONSE OVERSIGHT

Engineering consulting services are required to perform rapid responses, oversight, and investigation of chemical releases and environmental damage at Operations facilities and along the state roadways resulting from spills/releases, traffic crashes, fires, fly-dumping or other unplanned releases of chemicals into the environment. 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 the responsibility of the Consultant. The Consultant should be prepared to perform any task to minimize the release and cleanup including contracting with vendors, for example, excavation, trucking, and disposal. The goal of these work assignments is to obtain closure for the release from the proper State and Federal Agencies.

ENVIRONMENTAL MANAGEMENT SYSTEM FOR DEPARTMENT FACILITIES

Engineering services may be required to review current practices of the department's portfolio of facilities statewide that impact the environment, investigate past practices, and make recommendations for mitigation and improvements, and assist with the continued development and maintenance of the department's environmental management system to achieve top tier environmental compliance. The firm shall supply expertise and personnel as needed to conduct environmental compliance assessments (ECA) as dictated by the department's need.

IDOT SITE ASSESSMENT TRACKING SYSTEM

To help the department and the firm facilitate review of work plans, reports and various environmental technical documents and project tracking, the Consultant will be required to upload all information regarding each work order and to provide any technical assistance necessary in the maintenance of the IDOT Site Assessment Tracking System (ISATS) web-based application. Work may also include development and maintenance of a supplemental extranet or similar web-based site in support of environmental-related work conducted by the department. Information uploaded shall include but not be limited to draft and final work plans, draft and final technical reports, budget information and invoices, analytical results, site location maps, site photographs, and progress reports and tracking documents. The firm shall conduct quality assurance on documents loaded to ISATS with accurate and timely information and remove draft documents upon conclusion of each work order. ISATS shall be populated promptly with necessary project documents and data and monitored closely throughout each project lifecycle and utilized for its record management and project management capabilities.

LABORATORY DATA MANAGEMENT

To help the department manage laboratory analytical data resulting from the environmental activities described herein, the Consultant will be required to acquire electronic data deliverables (EDD) from the laboratories and may be required to upload the EDDs and associated project tracking data to a central electronic repository in IDOT, for example, a geographic information system (GIS). The data may require manipulation for purposes of data quality prior to upload.

Work orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

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
Proposed DBE use	5
Available work capacity of firm	10
Firm's experience with required project work	25
Firm's understanding / method of accomplishing project work	30

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.

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

- The person who will assume the duties of Project Manager for all day-to-day activities, staff management and work efforts, and is directly involved in the development and timely delivery of the work documents.
- The person who will perform the duties of Project Engineer. This individual is responsibly in charge and is directly involved in the development of the contract documents. This person is also known as the Program Manager.
- The person who will perform the QC/QA review work of all milestone submittal documents. In addition, the staff performing this work must be identified.
- The person(s) who will review, sign and stamp work documents requiring an Illinois PE or PG license.
- The two independent Subconsultant staff responsible for geologic and waste assessment expertise and oversight

Other select technical, professional, and managerial staff critical to delivering the individual work orders and overall program, without whom the work would not succeed.

Statements of Interest must also **include**:

- The location of the office from which most of the project work 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 Subconsultant's location / organization and key staff should be provided.
- The name of the laboratory(s) 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 perform 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 discussion of the firm's project understanding and approach to successfully conduct the work. It shall include a description of your mobilization plan that will be used upon notification by the department when a work order has been tasked to your firm.
- 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 to be considered for this project.

The selected firm will have a wide range of experience and sufficient breadth and depth to adroitly handle anything in regulated substances, waste / hazardous waste, and environmental compliance. 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 are 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 desired process to accomplish program objectives.

Additionally, the firm must comply with the following:

- Use laboratory facilities that are accredited by the IEPA under 35 Illinois Administrative Code 186. The laboratory shall use analytical methods which are able to meet the lowest appropriate practical quantitation limits (PQL) or estimated quantitation limit (EQL) specified in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods", EPA Publication No. SW-846 and "Methods for the Determination of Organic Compounds in Drinking Water", EPA, EMSL, EPA-600/4-88/039.
- Use laboratory facilities that are accredited by the AIHA-LAP, LLC under the Industrial Hygiene Laboratory Assurance Program (IHLSP) for industrial hygiene analysis for department properties located in Illinois.
- Use appropriately licensed and certified equipment and appropriately licensed and registered Subconsultants.

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).

9. **Job No. V-91-013-24, Bureau of Construction - Various Hybrid Construction Engineering, Phase III Project, Various County, Region One/District One.**

This project requires **26% 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 25, 2024, 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 construction projects throughout the District One area. Typical assignments would include, but are not limited to, the improvement of various locations throughout District One, resurfacing (SMART), Standard and/or Designed overlays), pavement patching, drainage work, safety countermeasures, curb and gutter removal and replacement, ADA sidewalk, pavement marking, joint routing and sealing, curb and gutter removal and replacement, and/or channelization. In addition, Existing Toll Plaza 31 will be demolished and reconstructed as an advance contract to facilitate the future construction of the new WB I-190 Ramp to NB and SB Mannheim Road. Any and all incidental and collateral work necessary to complete the improvement.

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	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:

- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant 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). If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training, Tollway/Toll Plaza construction experience 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 only 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).

10. **Job No. V-91-015-24, Bureau of Construction – Various Bridge Painting Inspection, Phase III Project, Various County, Region One/District One.**

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **July 25, 2024, at 8:30 AM** at the **Region One/District One Office in Schaumburg**.

Phase III engineering services are required to provide 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.

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	30
Proposed staffing from Prime and any Subconsultants	25
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, 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 (two (2) to four (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, Documentation of Contract Quantities).

Statements of Interest must also include the following:

- 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.
- 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 firm's ability to do the work in-house, or if necessary, what work would need to be subcontracted.
- Name, location, and accreditation of laboratory to be used.
- A statement of your firm's ability to perform the work within the timeframe described above.
- Firm's quality assurance and quality control plan.
- Five (5) years of experience in construction management and inspection services during surface preparation and coating application.
- Three (3) 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.

Firms interested in submitting for this item that are not currently prequalified must establish an account in EPAS so the firms 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 Preliminary Engineering mailbox in the Bureau of Design and Environment at DOT.consultantservices@illinois.gov.

Statements of Interest, including resumes of only 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).

11. **Job No. D-91-184-24, FAI 290 (Eisenhower Expressway) at Des Plaines Avenue, Phase II Project, Cook County, 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 **0.035**.

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, 2024, at 10:00 AM** at the **Region One/District One Office in Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, structural plans, specifications, cost estimates, supplemental surveying, geotechnical services, lighting design, and all other work necessary to complete the improvements for I-290 at Des Plaines Avenue (Overhead). This project includes complete bridge replacement of the Des Plaines Avenue Bridge. The proposed improvement also includes the preparation of the type, size, location (TS&L). There will be proposed retaining walls in line with both abutments to provide additional width for the expressway.

The following structure is included in this project, S.N. 016-0706: Des Plaines Avenue over I-290.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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	25
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 completion date for this contract will be 24 months after authorization to proceed.

The estimated construction cost for this project is \$15,000,000.

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

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

- The person who will perform the duties of the Structural Engineer, and who will be in charge of the 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 with adequate plan review experience 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: Complex)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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 work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (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 categories 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 Plans (Traffic Signals)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

12. Job No. D-91-203-24, IL 43 (Harlem Avenue) at US 12/20 (95TH St.), New Pump Station #25 Phase II Project, Cook County, Region One/District One.

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 Prime 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, 2024, 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, cost estimates, supplemental surveying, geotechnical services, and all other work to complete the new pump station located along the southbound Harlem Ave to eastbound 95th Street loop ramp. The project’s scope includes reconstruction of new pump station at IL 43 at US 12/20 (95TH St.) interchange ramp adjacent to the existing pump station 25. This requires civil, architectural, mechanical, electrical, hydraulic, HVAC, controls, and structural work. The improvement includes, but not limited to, installation of new pumps, electrical control systems, building reconstruction, drainage work & connections to the new pump station, temporary and proposed pump station access roads, surface parking and all other related work to complete Phase II contract plans including decommissioning & demolition and removal of the existing pump station building and ancillary features & grading the site including environmental clearance.

The Consultant will prepare architectural & demolition plans, mechanical and electrical plans, structure plans, supplemental surveys, and field visits to determine scope of work, 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 all plans are within the framework of the department’s policies and procedures, local agency’s requirements, permitting and all applicable operation manuals and schedules.

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

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software (or equivalent) and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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

The estimated construction cost for this project is \$15,000,000.

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 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 projects on which the individual acted as Project Engineer.
- The person who will perform the duties of the Structural Engineer, and who will be in charge of the structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified. Include resumes of all key team members and their experience with IDOT work on 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: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- 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 work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (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 categories 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 person who will perform the pumping station mechanical and electrical systems for the new pump station (must be an Illinois Licensed Professional Engineer) and ten (10) years of professional experience in this area.
- The person who will perform the architectural work for the pump station (must be an Illinois Licensed Professional Architectural Engineer)

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Highways (Road and Streets)

Special Plans (Pumping Stations)

Statements of Interest, including resumes of only 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).

13. **Job No. C-91-030-02, Richards St at Hickory Creek N of I-80, Phase III Project, Will County, Region One/District One.**

This project may contain **Federal Funds**.

This project requires **26% 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 25, 2024, at 9:00 AM** at the **Region One/District One Office in Schaumburg**.

Phase III engineering services are required to provide construction engineering for the reconstruction and widening of the Richards Street bridge superstructure over Hickory Creek north of I-80, pavement reconstruction, drainage, signing, lighting, and traffic signals in the City of Joliet within Will County. All incidental and collateral work necessary to complete the project as shown on the plans.

The following structure is included in this project, S.N. 099-0123: Richards Street bridge over Hickory Creek North of I-80.

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	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 September 30, 2025. The Consultant must complete and submit final measurements, calculations, and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.

- The Materials Coordinator.
- The Survey Chief.
- 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). If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training.

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 only 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).

14. **Job No. D-91-185-24, Various Phase II Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **7% 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, 2024, at 1:00 PM** at the **Region One/District One Office in Schaumburg**.

The department seeks qualified engineering services for Phase II development of its Storm Water Pumping Stations. This includes preparing plans, specifications, and cost estimates to facilitate the protection, rehabilitation, and construction of the associated electromechanical and/or electrical systems. The scope of work may encompass various activities, such as reviewing plans, responses and other documents prepared by other, creating existing conditions reports, conducting equipment/property surveys, and providing expertise in hydraulic, architectural, plumbing, HVAC, telecommunications, SCADA systems, motor control, miscellaneous site work, and structural engineering. Additionally, the project may involve updating the department's pump station design guidelines and conducting limited Phase III reviews of shop drawings, product data the review and approval of contractor's submittals, power system studies, calculations, record documents and submittals, response to contractor's requests for information, and field equipment operation testing services during construction. Verification of work completed by others for suitability as final construction documents may also be included. Perform factory and field witness tests. Provide field assistance and attend field meeting as required.

PM Consultant personnel must have a good working knowledge of the department's Specifications for Road and Bridge Construction, Construction Manual, and EM Manual, District One. Additionally, familiarity with national design standards for storm water pumping stations is essential. This includes understanding codes like the National Electrical Code (NEC), regulations from OSHA and NFPA, and standards set by organizations like Hydraulic Institute; and IDOT documentation/inspection procedures. Key staff from the PM Consultant may be expected to perform work in the District offices but generally not on a regular basis. Work from the Consultants office will be considered based on the needs of the department. The PM staff shall provide electrical, mechanical engineering services as assigned in District One. These assignments may encompass a broad range of tasks including engineering, engineering management, public coordination, administrative services, review of various reports and other work as necessary to ensure assigned projects are brought to completion in accordance with established schedules and budgets. Projects of varying complexity may be assigned to the PM Consultant including but not limited to the management and review of studies, reports and construction documents storm water pump stations prepared by other Consultant engineering firms or in-house staff. The PM Consultant shall provide guidance and technical advice to design and construction personnel.

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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	20
Firms understanding/method of accomplishing project requirements	20

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 be responsible for reviewing structural plans (must be an Illinois Licensed Structural Engineer) submitted by external design firms for various projects. In addition.
- 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:

Special Plans (Pumping Stations)

Special Services (Electrical Engineering)

Special Services (Mechanical Engineering)

Statements of Interest, including resumes of only 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).

15. **Job No. P-92-100-24, Various Phase I/II 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 24, 2024**, at **1:30 PM** at the **Region Two/District Two Office in Dixon**.

Phase I/II engineering services are required to furnish various survey projects throughout District Two. This work is anticipated to include field and office assistance for surveys to establish or reestablish section corners, reference said corners to centerlines, preparation of a Plat of Highways, Right-of-Way Plats, Easement Plats, Premise Plats, Excess Parcel Plats, legal descriptions, Monument Records (copies of recorded Monument Records 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 all department manuals, and District Two procedures. The work may include preparation of existing ROW CAD file based on existing ROW plats and related material provided by the department, necessary research to aid in defining existing ROW (i.e., recorded surveys, subdivision plats, and records from railroads and other government agencies), survey existing ROW and prepare existing ROW plats and related material, preparation of ROW documents and related material.

In addition, the Consultant may be required to provide project management and/or project support staff in the District Two office or via a remote connection. The Consultant will be expected to perform the job duties of an IDOT Project Manager and/or Team Member. The work may include technical management, administrative services, and other work as necessary to ensure assigned projects are completed in accordance with established schedules and budgets. The Consultant may also be required to assist in reviewing, and overseeing projects being performed by IDOT personnel and other Consultants. The amount of work performed while assigned to the district office will be dependent on district needs and staffing levels.

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.

Some GIS and database work may 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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	5
The Firms experience with required project work	25
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 and/or an Illinois Licensed Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal document (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 only 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).

16. **Job No. P-92-002-25, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Two.**

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 **July 24, 2024, at 10:30 AM** at the **Region Two/District Two Office in Dixon**.

Phase I and/or II engineering services are required for various projects throughout District Two.

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, ADA, traffic management analysis, crash 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 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.

In addition, the Consultant may be required to provide project management and/or project support staff in the District Two office or via a remote connection. The Consultant will be expected to perform the job duties of an IDOT Project Manager and/or Team Member. The work may include engineering, technical management, public coordination, administrative services, and other work as necessary to ensure assigned projects are completed in accordance with established schedules and budgets. The Consultant may also be required to assist in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other Consultants. The amount of work performed while assigned to the district office will be dependent on district needs and staffing levels.

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 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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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
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 \$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 **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 hydrologic/hydraulic analysis and modeling for culverts, storm sewer and bridges (must be an Illinois Licensed Professional Engineer). That person must demonstrate the use and knowledge of Sedimentation and River Hydraulics - Two-Dimension (SRH-2D) and the Surface Water Modeling Systems (SMS) Modeling Platform. The minimum requirement to meet this qualification is the successful completion of the National Highway Institute (NHI) Course 135095 - Two-Dimensional Hydraulic Modeling of Rivers at Highway Encroachments, including passing the Course Assessment Test within 3 months of the PTB Selection. Experience with other 2D software will not be allowed as a substitution. That person must also be familiar with the DEPARTMENT'S Policies and Practices and the work shall be done in accordance with the IL DOT Drainage Manual and the Interim Guide (IG). The IG documents the Policies and Procedures for a 2D Model and provides guidance for the formatting of a 2D Hydraulic Report. The **Hydraulic Reports (Waterways: Complex)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.

- 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 hydraulic/drainage calculations and preparation of the Drainage Reports (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 perform the work in the area of geotechnical work and the Subsurface Explorations (must be an Illinois Licensed Professional Engineer as a Geotechnical Lead). The **Geotechnical Services (Subsurface Explorations)** prequalification category may be complete by the Sub and /or Prime Consultant.
- The person who will perform the work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (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 categories 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 Plans (Traffic Signals)** prequalification category requirement may be complete 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 person who will provide project management and/or support on behalf of the District, will be required to have a minimum of eight (8) years of applicable experience. 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:

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of only 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).

17. **Job No. P-92-003-25, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Two.**

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 **July 25, 2024, at 10:30 AM** at the **Region Two/District Two Office in Dixon**.

Phase I and/or II engineering services are required for various projects throughout District Two.

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, ADA, traffic management analysis, crash 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 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.

In addition, the Consultant may be required to provide project management and/or project support staff in the District Two office or via a remote connection. The Consultant will be expected to perform the job duties of an IDOT Project Manager and/or Team Member. The work may include engineering, technical management, public coordination, administrative services, and other work as necessary to ensure assigned projects are completed in accordance with established schedules and budgets. The Consultant may also be required to assist in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other Consultants. The amount of work performed while assigned to the district office will be dependent on district needs and staffing levels.

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 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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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
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 \$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 **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 hydrologic/hydraulic analysis and modeling for culverts, storm sewer and bridges (must be an Illinois Licensed Professional Engineer). That person must demonstrate the use and knowledge of Sedimentation and River Hydraulics - Two-Dimension (SRH-2D) and the Surface Water Modeling Systems (SMS) Modeling Platform. The minimum requirement to meet this qualification is the successful completion of the National Highway Institute (NHI) Course 135095 - Two-Dimensional Hydraulic Modeling of Rivers at Highway Encroachments, including passing the Course Assessment Test within 3 months of the PTB Selection. Experience with other 2D software will not be allowed as a substitution. That person must also be familiar with the DEPARTMENT'S Policies and Practices and the work shall be done in accordance with the IL DOT Drainage Manual and the Interim Guide (IG). The IG documents the Policies and Procedures for a 2D Model and provides guidance for the formatting of a 2D Hydraulic Report. The **Hydraulic Reports (Waterways: Complex)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.

- 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 hydraulic/drainage calculations and preparation of the Drainage Reports (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 perform the work in the area of geotechnical work and the Subsurface Explorations (must be an Illinois Licensed Professional Engineer as a Geotechnical Lead). The **Geotechnical Services (Subsurface Explorations)** prequalification category may be complete by the Sub and /or Prime Consultant.
- The person who will perform the work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (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 categories 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 Plans (Traffic Signals)** prequalification category requirement may be complete 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 person who will provide project management and/or support on behalf of the District, will be required to have a minimum of eight (8) years of applicable experience. 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:

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of only 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).

18. **Job No. C-92-072-20, I-80 from the Rock River to US-6, Phase III Project, Henry County, Region Two/District Two.**

This project may contain **Federal Funds**.

This project requires **26% 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, 2024, at 10:00 AM** at the **Region Two/District Two Office in Dixon**.

Phase III engineering services are required for construction contract 64N05, which includes patching, milling, and resurfacing on I-80 from the Rock River to US6 including bridge deck repairs on structures over the Rock River, Cleveland Road, and IAIS Railroad in Henry County.

The following structures are included in this project:

- S.N. 037-0021: I-80 over Rock River
- S.N. 037-0022: I-80 over Rock River
- S.N. 037-0023: I-80 over Cleveland Road
- S.N. 037-0024: I-80 over Cleveland Road
- S.N. 037-0027: I-80 over IAIS Railroad
- S.N. 037-0028: I-80 over IAIS Railroad

The Consultant must provide sufficient staff to perform all engineering services required to complete the project in accordance with departmental guidelines. This may include, but is not limited to all on-site construction inspection, documentation of pay quantities and related forms for record keeping, Construction & Materials Management System (CMMS) documentation, on-site quality assurance material testing, night-time inspection as needed, verification of construction layout including GPS work, submittal of pay estimates, change orders, and all other work required to complete the project in a timely manner. The Consultant will be responsible to ensure contractors complete the work in accordance with the plans and specifications. It is anticipated the department will do all off-site material inspection for the project.

The Consultant shall provide vehicles, cell phones, computers capable of running CMMS software and scanner, on-site testing equipment, tools of the trade, and all other equipment deemed necessary to complete the project in accordance with departmental policies.

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	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 anticipated construction completion date is December 31, 2026. The Consultant must complete and submit final measurements, calculations, electronic as-built survey data for only S.N. 037-0021 and S.N. 037-0022, as-built plans (PDF form) for only S.N. 037-0021 and S.N. 037-0022, and final contract records documents to the department no later than three (3) months after the construction completion date.

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

- The Resident Engineer/Technician (with current IDOT Construction Documentation certificate). Previous Construction & Materials Management System (CMMS) experience is preferred. If selected, this individual may be required to obtain CMMS training.
- The Construction Inspectors (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Materials QA Technician/Inspector(s). Must include details of PCC QC/QA training and materials inspection certifications. HMA training and experience is desirable but not required. It is anticipated this person(s) will perform jobsite PCC QA testing.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

19. **Job No. C-92-093-22, I-39/US20 Reconstruction, Phase III Project, Winnebago County, Region Two/District Two.**

This project requires **26% 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, 2024, at 10:00 AM** at the **Region Two/District Two Office in Dixon**.

Phase III engineering services are required for construction contract 64C24, reconstruction of I-39/US20 from 0.3 mile east of Mulford Road to 0.2 mile north of Harrison Avenue, which includes reconstructing and widening I-39/US20 mainline pavement, reconstructing six (6) bridges, constructing new Cherry Valley Path (CVP) tunnel under I-39/US20, reconstructing Madigan Creek Culvert under I-39/US20, median barrier construction, storm sewer/culverts, overhead sign structures, new and reconstructing noise walls, sidewalk, multi-use path, and median lighting. Railroad coordination will be required for four (4) structures.

The following structures are included in this project:

- Existing S.N. 101-0067, Proposed S.N. 101-0208: NB I-39 over CN Railroad
- Existing S.N. 101-0068, Proposed S.N. 101-0209: SB I-39 over CN Railroad
- Existing S.N. 101-0069, Proposed S.N. 101-0210: NB I-39 over UP Railroad
- Existing S.N. 101-0070, Proposed S.N. 101-0211: SB I-39 over UP Railroad
- Existing S.N. 101-0071, Proposed S.N. 101-0213: NB I-39 over Harrison Avenue
- Existing S.N. 101-0072, Proposed S.N. 101-0214: SB I-39 over Harrison Avenue
- Proposed S.N. 101-W7009: Ramp AD Noise wall (NAW 20)
- Proposed S.N. 101-W7010: Ramp DB Noise wall (NAW 16-18)
- Proposed S.N. 101-W7011: I-39 Noise wall (NAW 8-10)
- Proposed S.N. 101-2053: Madigan Creek Culvert
- Proposed S.N. 101-1360: Cherry Valley Path Tunnel

The Consultant must provide sufficient staff to perform all engineering services required to complete the project in accordance with departmental guidelines. This may include, but is not limited to all on-site construction inspection, documentation of pay quantities and related forms for record keeping, Construction & Materials Management System (CMMS) documentation, on-site quality assurance material testing, night-time inspection as needed, verification of construction layout including GPS work, submittal of pay estimates, change orders, and all other work required to complete the project in a timely manner. The Consultant will be responsible to ensure contractors complete the work in accordance with the plans and specifications. It is anticipated the department will do all off-site material inspection for the project.

The Consultant shall provide vehicles, cell phones, computers capable of running CMMS software and scanner, on-site testing equipment, tools of the trade, and all other equipment deemed necessary to complete the project in accordance with departmental policies.

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	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 anticipated construction completion date is November 17, 2027. The Consultant must complete and submit final measurements, calculations, electronic as-built survey data, as-built plans (PDF form), and final contract records documents to the department no later than seven (7) months after the construction completion date.

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

- The Resident Engineer (must be an Illinois Licensed Professional Engineer with current IDOT Construction Documentation certificate). Must be fully capable of administering all aspects of the complex project, coordination with other contracts within the corridor, and the Corridor Manager team. Previous Construction & Materials Management System (CMMS) experience is preferred. If selected, this individual may be required to obtain CMMS training.
- The Construction Inspectors (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (must be an Illinois Licensed Professional Engineer).
- The Document Technician (with current IDOT Construction Documentation certificate). Previous Construction & Materials Management System (CMMS) experience is preferred. If selected, this individual may be required to obtain CMMS training.
- The Materials QA Technician/Inspector(s). Must include details of PCC QC/QA training and materials inspection certifications. HMA training and experience is desirable but not required. It is anticipated this person(s) will perform jobsite PCC QA testing.
- The Materials Coordinator. Previous Construction & Materials Management System (CMMS) experience is preferred. If selected, this individual may be required to obtain CMMS training for materials documentation.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

20. **Job No. V-92-008-23, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Two.**

This project requires **26% 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 25, 2024, at 10:00 AM** at the **Region Two/District Two Office in Dixon**.

Phase III engineering services are required for various projects in District Two. The Consultant must provide sufficient staff to perform all engineering services required to complete the projects. The projects may include construction inspection, documentation of pay quantities and related forms for record keeping, Construction & Materials Management System (CMMS) documentation, on-site quality assurance material testing, night-time inspection as needed, and all other work required to complete the projects. The Consultant will be responsible to ensure contractors complete the work in accordance with the plans and specifications. It is anticipated the department will do all off-site material inspection for the projects.

The projects may consist of patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, vertical/horizontal realignment, and/or new roadway projects.

The Consultant shall provide vehicles, cell phones, computers, tools of the trade, and all other equipment deemed necessary to perform the work.

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.

It is anticipated two (2) to three (3) Resident Engineers/Technicians and three (3) to five (5) Construction Inspectors may be required in a single construction season.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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
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

It is anticipated this contract will include two (2) to six (6) projects with estimated construction costs ranging from \$250,000 to \$30,000,000. 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.

The Consultant must complete and submit final measurements, calculations, and final contract records documents to the department no later than five (5) weeks after the completion of the projects.

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

- The Resident Engineers/Technicians (with current IDOT Construction Documentation certificate). Previous Construction & Materials Management System (CMMS) experience is preferred. If selected, these individuals may be required to obtain CMMS training.
- The Construction Inspectors (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Materials QA Technician/Inspector(s). Must include details of PCC QC/QA training and materials inspection certifications. HMA training and experience is desirable but not required. It is anticipated this person(s) will perform jobsite PCC QA testing.

The Statements of Interest must also **include**:

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

21. **Job No. P-93-008-24/D-93-077-24, I-180 from I-80 to 0.6 miles east of IL 26 (East) in Hennepin, Phase I/II Project, Various County, Region Two/District Three.**

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 24, 2024, at 10:30 AM** at the **Region Two/District Three Office in Ottawa**.

Phase I and II engineering services are required for preparation of a Project Report, Categorical Exclusion determination, Plans, and Specifications for pavement rehabilitation along with geometric, drainage, safety, and other related work. The work may also include drainage upgrades or repairs, geometric improvements, safety improvements and structure repair or replacement.

Phase I engineering services will include preparation of a Project Report following Chapter 50 of the Bureau of Design and Environment Manual, conducting route surveys, proposed design, crash analysis, review of geometry, maintenance of traffic, identification of safety improvements, and drainage design. Existing lighting will be evaluated. Structures within the project limits will be reviewed for appropriate rehabilitation or replacement. Preparing exhibits for public information and coordination with other agencies may be required. Utility conflicts and relocations, queue and delay analysis, cost estimates, preparing plan and profile and cross section sheets, a preliminary transportation management plan, and preparation of a drainage review will be needed along with all other work necessary to complete the Phase I report.

Phase II engineering services will include preparation of Phase II final contract plans and special provisions. Work may include preparing roadway plans, preparing structure plans, identifying utility conflicts and relocations, preparing detailed staging and traffic control plans, participating in local agency and/or public coordination, reviewing shop drawings, providing quantities and detailed information to the district Estimator, and all other work necessary to complete the final contract Plans, Specifications, and Estimates. Phase II work will be included in a planned supplement. Phase II plans may be split into multiple construction contracts.

Environmental work is anticipated to be limited to providing exhibits and areas, depths, and quantities of excavation. The Environmental Survey Request submittal will be handled by District staff.

The following structures are included in this project:

- S.N. 006-0038 and 0039: carrying I-180 over I-80
- S.N. 006-0125: carrying TR 241 over I-180
- S.N. 006-2000: carrying a stream under I-180
- S.N. 006-0069: carrying US 6 over I-180
- S.N. 006-0040: and 0041 carrying I-180 over East Bureau Creek
- S.N. 006-0126: carrying I-180 over TR 281
- S.N. 006-0043: and 0044 carrying I-180 over E. Bureau Creek
- S.N. 006-0045: and 0046 carrying I-180 over IL 26
- S.N. 006-0047: and 0048 carrying I-180 over E. Bureau Creek
- S.N. 006-2549: carrying a creek under I-180

- S.N. 006-0049 and 0050: carrying I-180 over IAIS RR, and I & M Canal (Hennepin Canal)
- S.N. 006-0128: carrying TR 333 over I-180
- S.N. 006-2545: carrying a stream under I-180
- S.N. 006-2546: carrying a stream under I-180 and the SB exit ramp to IL 29
- S.N. 006-0055: carrying I-180 over the NB entrance ramp from IL 29
- S.N. 006-1009: carrying a stream under I-180
- S.N. 006-0056: carrying I-180 over NB exit ramp to IL 29 south
- S.N. 006-0057 and 0058: carrying I-180 over IL 29 and IAIS RR
- S.N. 006-2550: carrying a stream under I-180
- S.N. 006-0059 and 0060: carrying I-180 over IL 26 and Bureau Creek
- S.N. 078-0022: carrying CH 1 over I-180
- S.N. 078-0010: carrying IL 26 and OR 26 over I-180
- S.N. 078-2002: carrying a stream under I-180

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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

This contract must be completed by December 31, 2031. Final plan submittal dates are anticipated in calendar year 2029 and 2030 and will vary based on construction contract boundaries.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer 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 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(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(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). **Hydraulic Reports (Waterways: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).

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

Highways (Freeways)

Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of only 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).

22. **Job No. P-93-017-24, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Three.**

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 **July 24, 2024, at 9:00 AM** at the **Region Two/District Three Office in Ottawa**.

This project includes Phase I and/or II engineering for various projects throughout District Three. Phase I engineering studies, if required, may consist of conducting route surveys, land surveys, hydraulic analysis and reports, geometric studies, environmental studies, safety studies including crash analyses, preparing project reports, and reviewing geotechnical reports. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, crash analysis, bridge condition reports, TS&L drawings, and other related work and exhibits necessary to complete the Phase I preliminary engineering.

Phase II work, if required, may consist of, data collection, conducting route surveys land surveys, hydraulic analysis, geometric studies, structure plans, roadway plans, and any other related work to complete final plans and specifications, as necessary. The Consultant staff should further be knowledgeable in ADA/PROWAG requirements.

Projects may consist of pavement replacement, patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, and widening and resurfacing. The department will furnish the Consultant with any relevant available information such as as-built plans, field notes, traffic data, crash data, agency coordination, right-of-way data, aerial photos, boring logs, and other information.

The Consultant may be required to provide a staff member to serve as an IDOT Project Manager or Squad Leader. The Consultant may be required to assist the District in reviewing projects or permits and overseeing IDOT personnel and other consultants. The Consultant may be expected to perform work in the district office as needed.

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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 \$3,000,000. 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 IDOT project management duties (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work with adequate plan review experience and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- 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(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(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). **Hydraulic Reports (Waterways: Typical)** 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:

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of only 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).

23. **Job No. D-93-076-24, IL 113 from North 3320 West Road in Limestone to Indian Trail in Kankakee & IL 114 from IL 1/17 to the Indiana State line, Phase II Project, Kankakee County, Region Two/District Three.**

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 **July 24, 2024, at 1:30 PM** at the **Region Two/District Three Office in Ottawa**.

Phase II engineering services are required for preparation of Plans, and Specifications for pavement rehabilitation along with geometric, drainage, safety, and other related work. The work may also include drainage upgrades or repairs, geometric improvements, safety improvements and structure repairs.

Phase II engineering services will include preparation of Phase II final contract plans and special provisions. Work may include preparing roadway plans, preparing structure repair plans, identifying utility conflicts and relocations, preparing detailed staging and traffic control plans, participating in local agency and/or public coordination, providing quantities and detailed information to the district Estimator, and all other work necessary to complete the final contract Plans, Specifications, and Estimates. Locations, depths, and volumes of soil excavation will be provided in the District's format, to facilitate regulated substance environmental clearances. Plans will be prepared for two construction contracts, one on IL 113 and one on IL 114.

The following structures are included in this project:

- S.N. 046-2003: carrying a drainage ditch under IL 113
- S.N. 046-0131: carrying IL 114 over Pike Creek
- S.N. 046-2548: carrying Yellowhead Creek under IL 114
- S.N. 046-0042: carrying IL 114 over a drainage ditch
- S.N. 046-2532: carrying a stream under IL 114
- S.N. 046-2533: carrying a stream under IL 114

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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

This contract must be completed by December 31, 2027. Final plan submittal dates will be determined for each construction contract and are anticipated to take place early in calendar year 2026.

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 hydraulic/drainage calculations and preparation of the Drainage Reports (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 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 **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of only 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).

24. Job No. P-93-016-24, Various Project Management Projects, Various Counties, Region Two/District Three.

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 **July 24, 2024, at 10:00 AM** at the **Region Two/District Three Office in Ottawa**.

Various services are required for various projects throughout District Three. Consultant staff will support IDOT staff in managing local agency projects. This work involves working directly with the local agency and their consulting firms as well as other bureaus in the department. Key staff from the Consultant will usually be required to work in the District offices. This work may include engineering, technical support, engineering management, administrative services, and field assignments necessary in bringing completion to projects expeditiously.

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 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.

Expected staff and duties required to be performed by the Consultant include:

- Local Roads Field Engineer(s): 20-40 hours per week
 - Perform the work of an IDOT Local Roads Field Engineer. This includes:
 - Performing Phase I/II reviews
 - Reviewing Project Development Reports which may include special studies (location drainage and/or traffic studies)
 - reviewing plans, specifications, and estimates for compliance with policies
 - managing environmental work
 - holding progress meetings
 - coordinating submittals with other agencies
 - reviewing documents for compliance with IDOT or FHWA standards
 - manage and track project-level cost, schedule, and budget requirements
 - provide onsite inspection of construction projects
 - conduct final inspection of completed projects
 - other tasks

- General Maintenance Technician(s): 20-40 hours per week.

Perform the work of the IDOT Local Roads General Maintenance Technician. This includes:

 - reviewing all General Maintenance resolutions and expenses submitted by local agencies
 - reviewing structure load postings and closures and maintaining electronic databases
 - prepare and review documents for federal, state, and MFT reimbursements

- maintain various databases
- prepare, review, and record joint agreements and engineering agreements
- provide onsite inspection of maintenance and load posting/closure reviews.
- other tasks

The department will furnish each Consultant staff member with a workstation.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 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(s) who will perform the duties of Local Roads Field Engineer (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of the Local Roads General Maintenance Technician.
- The person who will review the work in the area of reconstruction/major construction (must be an Illinois Licensed Professional Engineer). The **Location Design Studies (Reconstruction/Major Rehabilitation)** prequalification category requirement may be completed by Sub and/or Prime Consultant.
- The person who will review 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 Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of the traffic studies. The **Special Studies (Traffic Studies)** prequalification category requirement may be completed by Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Highways (Roads and Streets)

Special Services (Construction Inspection)

Statements of Interest, including resumes of only 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).

25. **Job No. P-94-010-24, Land Acquisition Management & Support Team, Various Routes, Various Counties, Region Three/District Four.**

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 **July 22, 2024, at 9:00 AM** at the **Region Three/District Four Office in Peoria**.

Engineering and surveying services are required for a Land Acquisition Management & Support team. The Consultant Team will supplement current District Four Program Development staff in order to coordinate and manage projects and perform other duties necessary to deliver the district's multi-year program. This work may include performing the roles of key staff such as Land Acquisition Engineer, Chief of Plats & Plans, and land acquisition support staff. The Consultant Team may be asked to fill additional roles within the Bureau of Program Development as the need arises.

Work may involve coordination of project development tasks utilizing current IDOT staff as well as consultants. Management may include all facets of Land Acquisition as assigned including:

Project/Program Manager: (1/2 full-time equivalent position):

- Assisting the District with identifying engineering, surveying, and land acquisition services needs, preparing advertisements for professional services, and management of consultant contracts.
- Holding regular progress meetings and briefings for IDOT where details of project and progress are presented.
- Overseeing/supervising the Land Acquisition Management Team and ensuring assigned work is carried out in an efficient manner. The Project/Program Manager will report to the District Program Development Engineer.
- Identifying and implementing all necessary coordination and communication within and outside of the department to achieve project goals.
- Facilitating and expediting the resolution of technical issues, drawing upon necessary resources within IDOT and within the Land Acquisition Management & Support Team.

Survey Manager (1 full-time equivalent positions):

- Coordinating the day-to-day work involved in the establishment of proposed ROW, plats and legal descriptions, and surveys.
- Developing project scopes, managing survey consultant contracts, and monitoring scopes, schedules, and budgets assigned to both IDOT staff and consultants.
- Coordinating Title Commitment orders for parcels the district will be acquiring for upcoming projects and assigning Land Acquisition job numbers.
- Working with the Chief of Surveys to assign survey requests to consultants with Various/Variety survey contracts in District Four.
- Reviewing consultant deliverables for compliance with departmental policies and providing QC/QA services where required.
- Providing work assignments, direction, and technical expertise for district Plats & Plans staff, including signing plats produced by them or in house under their supervision.

Project Engineer: (1 full-time equivalent position):

- Assisting the District with identifying land acquisition engineering needs.
- Working with the District’s Chief Negotiator and the Staff Appraiser to achieve the goals of the land acquisition program.
- Reviewing proposed ROW limits for upcoming projects along with the Survey Manager.
- Providing engineering direction and technical expertise for all district condemnation activities, including testifying in court to establish the necessity of the proposed acquisition for the department.
- Overseeing/supervising land acquisition services contracts and ensuring that the District does not run out of contract funds available for land acquisition services.

Database Manager / Technician: (1 full-time equivalent position):

- Assisting the District with tracking land acquisition engineering and surveying needs and the status of ongoing engineering and surveying tasks.
- Working with the District’s Chief Negotiator and the Staff Appraiser to achieve the goals of the land acquisition program.
- Ordering and tracking title commitments.
- Updating ROW plans and strip maps.

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 selected Consultant and/or their Subconsultants for this project are prohibited from submitting a Statement of Interest (as a Prime or as a Subconsultant) for any project for which either party assisted in developing project scope and/or assisted in preparation of advertisements for professional services.

The Land Acquisition Management & Support Team members will be expected to perform some work in the District Four office. At a minimum each team member should anticipate working in the District office at least two to four days per month.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	20
Firms understanding/method of accomplishing project requirements	20

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.

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

- The person who will assume the duties of Project/Program Manager, that individual-in-charge of all aspects of the land acquisition management work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will assume the duties of Survey Manager (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 land acquisition project engineering functions (must be an Illinois Licensed Professional Engineer).

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Highways (Roads and Streets)

Location Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of only 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).

26. **Job No. V-94-001-24, Various Phase III Projects, Various Routes, Various Counties, Region Three/District Four.**

This project requires **26% 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, 2024, at 10:00 AM** at the **Region Three/District Four Office in Peoria**.

Phase III engineering services are required to provide inspection, supervision, material testing, certification, documentation, and field inspections for roadway rehabilitation projects on various routes in various counties throughout District Four. The various types of jobs to be staffed by consultants will be, but are not limited to, route and seal, patching, traffic signals, landscaping, milling, and resurfacing, bridge construction/repairs and pavement marking.

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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	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	20
Firms understanding/method of accomplishing project requirements	10

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 Construction Inspector(s) (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The person(s) performing the Construction Inspection.

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 only 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).

27. Job No. V-94-002-24, Various Phase III Projects, Various Routes, Various Counties, Region Three/District Four.

This project requires **26% 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 25, 2024, at 10:00 AM** at the **Region Three/District Four Office in Peoria**.

Phase III engineering services are required to provide inspection, supervision, material testing, certification, documentation, and field inspections for roadway rehabilitation projects on various routes in various counties throughout District Four. The various types of jobs to be staffed by consultants will be, but are not limited to, route and seal, patching, traffic signals, landscaping, milling, and resurfacing, bridge construction/repairs and pavement marking.

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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	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	20
Firms understanding/method of accomplishing project requirements	10

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 Construction Inspector(s) (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The person(s) performing the Construction Inspection.

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 only 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).

28. Job No. C-95-032-16, US 45 from Springfield Ave. in Champaign to Curtis Rd. in Savoy, Phase III Project, Champaign County, Region Three/District Five.

This project requires **26% 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 25, 2024, at 10:00 AM** at the **Region Three/District Five Office in Champaign**.

Phase III engineering services are required to provide construction inspection for the Standard Overlay, ADA Improvements and Traffic Signal Modernization on US 45. The Consultant's work includes, but is not limited to, providing up to four qualified individuals, vehicles, tools, and appropriate test equipment necessary to assist in performing the required inspection and other duties to allow the timely completion of this project in accordance with state specifications. These tools will include an office computer system capable of running 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 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. Inspection includes, but is not limited to, minor excavation, storm sewer and inlets, casting adjustment, curb and gutter, sidewalk, traffic signals, and other items associated with HMA standard overlay.

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	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	15
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	25

The anticipated construction completion date is December 15, 2025. The Consultant must complete and submit final measurements, calculations, and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Nuclear Density personnel and firm shall be properly licensed and trained including but not limited to S-33 "Soils Field Testing and 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). If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training.
- The person(s) performing the Construction Inspection.

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 only 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).

29. Job No. P-96-014-24, IL 99 over ditches 2 miles & 3.3 miles SW of Versailles and IL 106 over ditch 6.2 miles SE of Barry, Phase I/II Project, Brown & Pike 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 21, 2024, at 9:00 AM** at the **Region Four/District Six Office in Springfield**.

Phase I/II engineering services are required to replace the following structures:

- S.N. 005-0003: IL 99 over ditch 2 miles southwest of Versailles in Brown County
- S.N. 005-0004: IL 99 over ditch 3.3 miles southwest of Versailles in Brown County
- S.N. 075-0009: IL 106 over ditch 6.2 miles southeast of Barry in Pike County

Phase I work includes route, hydraulic and land surveys, hydraulic analyses, bridge condition report(s), hydraulic report(s), Type, Size and Location (TS&L) plans (if applicable), cost estimates, traffic management analyses, accident analyses, drainage studies, geotechnical analyses, and all other related work required to produce the necessary Phase I documents and reports.

Phase II work includes roadway and drainage plans, traffic staging plans, temporary and permanent erosion control plans, plats and legal descriptions for Right-of-Way acquisition, structure plans, and any other related work required to complete plans, specifications and estimates as necessary.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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 construction cost for this project is \$5,900,000.

The completion date for this contract will be 42 months after authorization to proceed. The Phase I portion is expected to be completed in 18 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 duties of the Structural Engineer, and who will be in charge of the 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 with adequate plan review experience 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 drainage calculations and preparation of the drainage report (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(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). **Hydraulic Reports (Waterways: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Highways (Roads and Streets)

Structures (Highway: Simple)

Statements of Interest, including resumes of only 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).

30. Job No. P-96-010-24, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Six.

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 16, 2024, at 10:00 AM** at the **Region Four/District Six Office in Springfield**.

Phase I/II engineering services are required to perform subsurface explorations and prepare geotechnical recommendations and/or reports for roadway and structure improvements as needed throughout District Six. The work shall consist of geophysical services, in-situ testing, soil sampling, lab testing, geotechnical analysis, report preparation and all other work needed to provide adequate subsurface information and geotechnical recommendations. Geophysical service will include Seismic Refraction and/or Reflection techniques. In-situ testing will include Standard Penetration Testing (SPT), Field Vane Shear, Cone Penetration Testing (CPT) with shear wave capability, and Dynamic Cone Penetration Test (DCP). Soil sampling shall include soil borings, rock cores, pavement coring and any other sampling required to be analyzed. All work shall be done in accordance with the current IDOT Geotechnical Manual, current ASTM/AASTHO standards and guidelines, and District Six standards of practice.

This project includes all management, layout, provisions for traffic control, drilling, clearing, laboratory testing, geotechnical analysis, presentation of subsurface data, and report preparation as required. The drilling equipment must be equipped with a fully automatic SPT hammer and be capable of accessing locations in a variety of terrain as required. The Consultant must use gINT software for preparation of final boring logs.

The department will furnish the Consultant with preliminary subsurface exploration plans, geophysical testing, geotechnical design criteria, preliminary structure design information, and other information as appropriate for each work order.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 \$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 perform the duties of the Senior Geotechnical Engineer responsible for all aspects of the work (must be an Illinois Licensed Professional Engineer with a minimum of five (5) years demonstrated experience with geotechnical issues related to roadway and bridge design and construction).
- The person who will perform the duties as Geotechnical Lead Engineer for Structure Geotechnical Reports (must be an Illinois Licensed Professional Engineer or Structural Engineer).
- The person who will perform the duties as Geotechnical Lead Engineer for General Geotechnical Services (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of geotechnical engineering (must be an Illinois Licensed Professional Engineer.) The **Geotechnical Services (Complex Geotechnical/Major Foundations)** prequalification category can be completed by Sub and/or Prime Consultant.
- The person(s) who will perform the duties of Staff Geotechnical Engineer who will be performing analyses and preparing reports.
- The person(s) who will perform the duties of on-site Field Drilling Supervisor who directs field operations, performs field logging, and performs field testing.
- The person(s) supervising laboratory testing.
- Geotechnical lead for subsurface exploration.

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

Geotechnical Services (General Geotechnical Services)

Geotechnical Services (Structure Geotechnical Reports (SGR))

Geotechnical Services (Subsurface Explorations)

Statements of Interest, including resumes of only 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).

31. **Job No. V-96-001-24, Various Phase III Projects, Various Routes, Various Counties, Region Four/District Six.**

This project requires **26% 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 1, 2024, at 10:00 AM** at the **Region Four/District Six Office in Springfield**.

Phase III 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.

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and authorizations. 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.

In addition to normal construction projects, the Consultant will be asked to provide an inspector to monitor various Department of Operation's work order contracts for guardrail, pavement markings, raised reflective pavement markers and signs. These contracts are based on work orders and will vary in timing and duration. District wide travel may be necessary.

The Consultant will be required to furnish a laptop computer with cellular capabilities equal to the latest type used by Region Four/District Six. The laptop computer will be used for the documentation requirements in Illinois Department of Transportation's Construction and Materials Management System (CMMS) as well accessing electronic files used for documenting construction activities. The Consultant will be required to have a Microsoft 365 account and the laptop computer should have the capability to open and manipulate files formatted in Microsoft Excel, Microsoft Word, and Adobe Acrobat.

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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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
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 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 project must include:

- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant 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 Nuclear Density personnel and firm shall be properly licensed and trained including but not limited to S-33 "Soils Field Testing and 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). If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training.
- The person(s) performing the Construction Inspection.

The Statements of Interest must also **include**:

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

32. Job No. P-96-012-24, Various Phase II Projects, Various Routes, Various County, Region Four/District Six.

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 23, 2024, at 9:00 AM** at the **Region Four/District Six Office in Springfield**.

Phase II engineering services are required for various projects throughout District Six. Phase II work may consist of roadway repair plans, structure repair plans, traffic signal maintenance plans, traffic staging plans, temporary and permanent erosion control plans, and any other related work required to complete plans, specifications and estimates as necessary.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 \$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 (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of the Structural Engineer, and who will be in charge of the structure plan preparation (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 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 **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of only 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).

33. Job No. P-96-011-24, Various Phase I/II 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 **July 31, 2024, at 1:30 PM** at the **Region Four/District Six Office in Springfield**.

Phase I/II engineering services are required for various projects throughout District Six. 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, ADA ramp details, 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 various proposed projects may include ADA ramps, patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The Consultant may also be tasked with reviewing plans and specifications for roadway and bridge rehabilitation 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, the Consultant may be required to provide project management and/or project support staff in the District Six office or via a remote connection. The Consultant will be expected to perform the job duties of an IDOT Project Manager and/or Team Member. The work may include engineering, technical management, public coordination, administrative services, and other work as necessary to ensure assigned projects are completed in accordance with established schedules and budgets. The Consultant may also be required to assist in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other consultants. The amount of work performed while assigned to the district office will be dependent on district needs and staffing levels.

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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 \$1,500,000. 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 (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of the Structural Engineer, and who will be in charge of the structure plan preparation (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 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 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(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(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). **Hydraulic Reports (Waterways: 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 person who will provide project management and/or support on behalf of the District will be required to have a minimum of five (5) years of applicable experience. 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:

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of only 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).

34. Job No. P-97-086-23, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Seven.

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, 2024, at 10:00 AM** at the **Region Four/District Seven Office in Effingham**.

Phase I/II engineering services are required for various projects on various routes throughout District Seven.

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

Phase II work, if required, may consist of conducting route surveys, hydraulic reports, traffic signal plans, preparation of TS&L plans, roadway plans, structure plans, ADA plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, widening, and resurfacing, and/or pavement replacement projects; structure repair, structure rehabilitation, and/or structure replacement projects.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 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 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(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(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). **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 geotechnical analysis and the Structural Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The **Geotechnical Services (Subsurface Explorations)**, **Geotechnical Services (General Geotechnical Services)**, and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification categories 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 **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of only 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).

35. Job No. P-97-088-23, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Seven.

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, 2024, at 10:00 AM** at the **Region Four/District Seven Office in Effingham**.

Phase I/II engineering services are required for various projects on various routes throughout District Seven.

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

Phase II work, if required, may consist of conducting route surveys, hydraulic reports, traffic signal plans, preparation of TS&L plans, roadway plans, structure plans, ADA plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, widening, and resurfacing, and/or pavement replacement projects; structure repair, structure rehabilitation, and/or structure replacement projects.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 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 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(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(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). **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 geotechnical analysis and the Structural Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The **Geotechnical Services (Subsurface Explorations), Geotechnical Services (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification categories 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 **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of only 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).

36. Job No. P-97-087-23, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Seven.

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, 2024, at 10:00 AM** at the **Region Four/District Seven Office in Effingham**.

Phase I/II engineering services are required for various projects on various routes throughout District Seven.

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

Phase II work, if required, may consist of conducting route surveys, hydraulic reports, traffic signal plans, preparation of TS&L plans, roadway plans, structure plans, ADA plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

The various proposed projects may consist of simple patching and resurfacing, widening, and resurfacing, and/or pavement replacement projects; structure repair, structure rehabilitation, and/or structure replacement projects.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 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 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(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(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). **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 geotechnical analysis and the Structural Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The **Geotechnical Services (Subsurface Explorations), Geotechnical Services (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification categories 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 **Highways (Roads and Streets)** category to be considered for this project.

Statements of Interest, including resumes of only 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. P-98-032-24, Various Phase I/II SUE Projects, Various Routes, Various Counties, Region Five/District Eight.**

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 31, 2024, at 10:00 AM** at the **Region Five/District Eight Office in Collinsville**.

Phase I/II engineering services are required to provide engineering services for subsurface utility engineering are required on various projects throughout District Eight for use primarily on Phase I and II projects. There may be projects during Phase III. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required, and direct cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within ten (10) calendar days.

These services include providing the District with existing utility location information in written documents and electronic CADD files for the various projects assigned. This information shall be obtained by researching all utility companies' records which have facilities in the area and by performing actual field surveys to verify and map, at the appropriate quality level, all existing utilities on the assigned project. Field surveys are to be performed to horizontally locate above ground utility features, including but not limited to poles, manholes, valve boxes, meters, utility designation markings, etc. The Consultant shall also determine the existence and approximate horizontal position of underground utilities through the application of appropriate surface geophysical methods (QL-B data). The exact horizontal and vertical locations of underground utilities shall also be determined by physically locating them (exposing and surveying) at designated spots with the use of special boring/excavating equipment insured not to damage existing utilities (QL-A data).

The department will furnish the Consultant with any available as-built plans and/or microfilm plans, survey field notes, alignment data, cross ties, design CADD files or benchmarks.

UTILITY COORDINATION, PERMIT INSPECTIONS, AND ENGINEERING SERVICES AS NEEDED

Under the direction of the District's Utility Coordinator, this assignment requires coordinating the location, relocation and adjustment of public and private utility facilities, implementing the 90-day law, investigating and approving utility permit applications and preparing/negotiating utility reimbursable work agreements so as to facilitate timely completion of the District's highway improvement program and utility accommodation on the departments right-of-way, all in an assigned geographical area. District wide travel for field investigations of utility permits, including the review of traffic control lane closures in accordance with departmental policies, procedures, and specifications. The assigned individual(s) will work from District Eight office, on an as needed basis.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	10

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 and must be experienced in managing multiple subsurface utility engineering projects in urban environments (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Subsurface Utility Engineering (SUE) Field Operation Manager, that individual in charge who is directly involved in locating all public utilities within the contract limits, must be experienced in managing multiple subsurface utility engineering projects.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).
- The person(s) who will oversee 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 Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.
- A statement of your firm's ability to do the work in-house, or if necessary, what work you would need to subcontract.

The Prime firm must be prequalified in the **Special Services (Subsurface Utility Engineering)** category to be considered for this project.

Statements of Interest, including resumes of only 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. MT-98-002-24, Various Phase III Materials Quality Assurance Testing and Inspection Projects, Various Routes, Various Counties, Region Five/District Eight.**

This project requires **26% 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 a negotiation meeting on **July 24, 2024 at 11:00** at the **Region Five/District Eight Office in Collinsville**.

Consultant services are required to provide Materials Engineering in District Eight as well as Materials Technicians (field/lab or technical office work).

The Consultant will provide support for various IDOT materials functionality, office work, inspection, and field/lab processes throughout District Eight. The position will report directly to District Eight headquarters in Collinsville, IL each day to perform tasks and or receive assignments, unless assignments are given in advance which require reporting to an alternate location. This work may involve working directly with contractors, producers, suppliers, local agencies, and/or other consultants. Consultant must maintain consistent staff, and any deviation of staff must be approved by District Eight.

The Materials Engineering Consultant (one Licensed Illinois Professional Engineer) will work and assist the District Eight Physical Test Unit primarily and other units, Geotechnical and Mixtures as needed. The Materials Engineering Consultant will work in the capacity of an IDOT Civil Engineer V.

The Materials Engineering Consultant will assist District Eight management with engineering issues, plan review, updating District Eight master band sheet of coarse and fine aggregates as they come in from producers, review of precast QC plans, review of precast and prestress shop drawings from the Bridge Office, MISTIC/CMMS, training of staff as needed, learning aggregate produced in District Eight, and other duties as assigned.

Additional engineering and technician services include materials acceptance responsibilities like sampling, testing and documentation of test results of various materials including Quality Control and/or Quality Assurance (QA) and material inspection responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC), soils, aggregates, pipe and precast culverts, and other miscellaneous materials at various construction projects and producer locations. Services and responsibilities include independent assurance inspection, sampling, and testing for the department of these various construction materials according to State and Federal guidelines at both plants and jobsites. These responsibilities include documenting and reporting of all inspections and testing. Sampling, testing, and acceptance of construction materials shall be in accordance with the department's "Standard Specifications for Road and Bridge Construction" and policies in, "Manual of Materials Inspection", "Manual of Test Procedures for Materials", "Project Procedures Guide", highway standards, and individual construction contract plans and special provisions.

The Consultant's work includes inspection, sampling, and testing of various materials from producer/contractor source and jobsite locations. Potential work assignments may include construction sites, producer locations, quarries, and the District Materials Laboratory. The

Consultant will maintain records and submit documentation of either QC or QA activities and manage material acceptance required by the construction contract, department policies and as directed by the department's supervising materials personnel in District Eight.

The Consultant may be asked to provide trained technicians to perform nuclear density testing for earth embankment, aggregate, and HMA pay items. Consultants will provide their own gauge, bunker, and transport box. Consultants will have their own nuclear license and will not be covered by the department's license. Consultants will provide a dynamic cone penetrometer (DCP) for Nuclear Density Inspectors. The Consultant may be asked to witness and secure mixture and density samples for Pay for Performance and Quality Control for Performance HMA pay items and perform density tests in field laboratories furnished by the department.

In addition, the Consultant may be asked to provide trained technician(s) to perform various testing in the District Eight Laboratory. The technician(s) will be responsible for performing various aggregate, soils, or HMA testing at the direction of the IDOT Laboratory Supervisor. The Consultant may be asked to provide trained technician(s) to perform sampling, testing, and inspection at various quarries in Region Five/District 8. Laboratory testing will be performed on IDOT equipment. The Consultant may be asked to provide trained technician(s) to provide inspection and sampling of miscellaneous materials. The Consultant may be asked to provide trained technician(s) to perform QA testing on PCC. The Consultant will provide calibrated equipment to test concrete slump and air content for PCC Technicians.

The department will furnish the Consultant with all necessary plans, specifications, and related forms for record keeping. The Consultant will provide tools of the trade. The Consultant will be required to furnish a laptop computer and/or tablet device equal to the latest type used by Region Five/District Eight for the project. The computer and tablet shall be capable of running the department's Construction and Materials Management System (CMMS) web-based contract administration system and QMP Package.

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 current relationships with contractors.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 firm's experience in the specific district with required project work	25
Firms understanding/method of accomplishing project 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** for this project must include:

- The Liaison Engineer (must be an Illinois Licensed Professional Engineer). This person will assume Project Manager duties for all aspects of work.
- The Materials Engineering Consultant, who will perform the work in the areas of Physical Test, Geotechnical or Mixtures Control (must be an Illinois Licensed Professional Engineer).
- The Project Manager will be responsible for providing qualified inspectors at construction or materials sites, 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 promptly on each contract item to determine acceptance of the work in compliance with the contract plans and specifications and the standards practices of the department. Include relevant education, training, and experience.
- The HMA Level 1 testing Technician(s) who will be responsible for testing HMA work. Include relevant training and experience.
- PCC Technician(s) who will be responsible for testing PCC work. Include relevant training and experience. PCC Level 1 required; PCC Level 2 preferred.
- Nuclear Density Inspector(s) who will be responsible for density testing of earth embankments and aggregates. The Nuclear Density personnel and firm shall be properly licensed and trained including but not limited to S-33 "Soils Field Testing and Inspection".
- Aggregate Technician(s) (Three (3) or five (5) days preferred) who will be responsible for testing aggregates at quarries. Include relevant training and experience.
- Miscellaneous Materials Inspector(s) who will be responsible for inspection and sampling of miscellaneous materials. Include relevant training and experience.
- The laboratory personnel performing any soil or rock analysis in the lab (must have a minimum of three (3) years' experience).

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-98-038-24, Various Phase I/II Management Projects, Various Routes, Various Counties, Region Five/District Eight.**

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 23, 2024, at 9:00 AM** at the **Region Five/District Eight Office in Collinsville**.

Phase I/II engineering services are required to provide for engineering management as well as other functions as necessary to accomplish Phase I and/or II services. The Consultant may also be required to provide project managers to manage various Phase I and/or II projects, which are under contract with other Consultant engineering firms and any other personnel to assist in various plan preparation work tasks as required. The Consultant will be expected to perform work similar to an IDOT Project Manager/Squad Leader and Staff and may be expected to perform the work at the District's office one day a week and will report to one of the Project Engineers.

The work may include producing Phase I Reports, producing Phase II contract plans, engineering, project management, public coordination, administrative services, and other work as necessary to ensure assigned projects are brought to completion in accordance with established schedules.

The Consultant's Phase I work may include data collection, preparation of base maps, geometric studies, safety studies including crash analysis, capacity analysis including intersection design studies, traffic management analysis, route surveys as well as stream surveys, project reports anticipated to be processed as Categorical Exclusions, 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 may also be required to assist the district in reviewing, overseeing, tracking, and prioritizing projects being performed by IDOT personnel and other consultants.

The Phase II work, if required, may consist of ADA design according to PROWAG, geometric studies, structure plans, roadway plans, electrical work, and any other related work to complete final plans, specifications, and estimates, as necessary. The various proposed projects may consist of roadway patching and resurfacing, interstate resurfacing, bridge repair, bridge rehabilitation, bridge replacement, roadway widening and resurfacing, roadway reconstruction, and design on new roadway alignments. Projects may also include design of partial access controlled and access controlled highways on existing and/or new alignments. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project.

The department will furnish the Consultant with any relevant and available information such as crash data, existing and projected traffic data, utility coordination and right-of-way data, as well as environmental survey results.

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. Teaming agreements will not be accepted.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	25
Proximity of firm to project location	8
Proposed DBE use	2
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	10

The estimated construction cost of these projects may range from \$200,000 to \$75,000,000. The estimated engineering fee for this project is \$5,000,000. 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 **Structures (Highway: Typical)** prequalification category requirement may be 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 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 **Special Services (Public Involvement)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Highways (Roads and Streets)

Location Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of only 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).

40. Job No. P-98-033-24, Various Phase I/II Projects, Various Routes, Various Counties, Region Five/District Eight.

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 1, 2024, at 9:00 AM** at the **Region Five/District Eight Office in Collinsville**.

Phase I/II engineering services are required for various projects throughout the District.

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).

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 five (5) to seven (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.

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.

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.

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, location design reports and other information deemed applicable to the

Consultant's work. 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 need for the assigned project.

Additional work could include surveying storm sewer and locating IDOT-owned facilities including electrical wiring and components for traffic signals, highway lighting, and ITS architecture. Electrical components may include, but are not limited to junction boxes, handholes, cabinets, mast arms, light posts, light towers, DMS boards, and cameras.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 \$1,500,000. 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 who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer 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 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 the responsibilities of being the Value Engineering Team Leader. This person must have attended the National Highway Institute (NHI) course on Value Engineering or have equivalent experience in the preparation of VE Studies. A Value Methodology Associate (VMA) or Certified Value Specialist (CVS) is preferred but not required. The Value Engineering Team Leader may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Highways (Roads and Streets)

Location Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of only 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).

41. **Job No. P-98-036-24, East St. Louis Transportation Study in East St. Louis, Phase I Project, St. Clair 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 **0.035**.

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, 2024, at 9:00 AM** at the **Region Five/District Eight Office in Collinsville**.

Phase I services are required to provide a strategic plan for future transportation improvements to IL Route 15 between I-255 and I-55 and/or Bond Avenue between IL Route 163 and 8th Street to improve mobility and reduce travel time delays. This study will involve preparation of a Planning and Environmental Linkage (PEL) Study. Phase I services include but are not limited to: topographic surveys and/or LiDAR; traffic and crash studies, geometric studies, bike and pedestrian analyses, public involvement/Context Sensitive Solutions, and environmental analyses.

The department will furnish available microfilm, traffic counts, previous studies, aerial photography and/or aerial mapping.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated engineering fee for this project is \$1,600,000. 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 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 **Special Services (Public Involvement)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).

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

Location Design Studies (New Construction/Major Reconstruction)

Environmental Reports (Environmental Assessment)

Statements of Interest, including resumes of only 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).

42. Job No. P-98-034-24, Various Phase I/II Projects, Various Routes, Various Counties, 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 **July 25, 2024, at 1:30 PM** at the **Region Five/District Eight Office in Collinsville**.

Phase I/II engineering services are required to provide for various projects throughout District Eight.

Phase I work, if required, may consist of conducting route or land surveys, utility coordination, hydraulic survey/analysis, conducting geometric studies and reviews, preparing Type, Size and Location (TS&L) plans, preparing Bridge Condition Reports, geotechnical studies which include preparing Structure or Roadway Geotechnical Reports, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analyses, crash analyses, development of alternative alignments, environmental studies and coordination, infrared testing of bridge decks and other related work and exhibits necessary to produce the Project Report, as necessary. This work could include amending or updating existing Project Reports. Public involvement may also be required, which may include stakeholder meetings, public meetings and/or hearings (in person or virtual), and tools as needed to engage the public as part of Context Sensitive Solutions (CSS).

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 bridge repair, bridge rehabilitation, bridge replacement, roadway widening and/or resurfacing, and ADA improvement plans.

Phase I/II services may be required to aid the District in preparing Project Reports and/or contract plans and specifications for the following projects identified below:

- US Route 50 Bypass from IL Route 4 to US Route 50 East of Lebanon. Phase I is 90% complete, with the work being performed under a previous contract. This contract would involve completing the Project Report and preparing Phase II contract plans. A public meeting may also be needed.
- S.N. 060-2049: IL Route 140 over Paddock Creek Branch
- S.N. 082-0085: IL Route 157 at Goose Lake Canal
- S.N. 060-2450, S.N. 060-2451, and S.N. 060-2453: IL Route 157 over 3 Drainage Structures

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department may furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, crash data, agency coordination, existing right-of-way plans, aerial photos,

boring logs, location design reports, structure inspection reports, utility coordination, and other information deemed applicable to the Consultants work.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

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 duties of the Structural Engineer, and who will be in charge of the structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified. The **Structures (Highway: Typical)** 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 drainage calculations and preparation of the drainage report (must be an Illinois Licensed Professional Engineer).
- The person will perform the duties of the Public Involvement Lead along with their work experience in this area. The **Special Services (Public Involvement)** 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 and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience)

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Highways (Roads and Streets)

Location Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of only 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).

43. **Job No. P-98-020-24, Reconstruction of IL 3 from Pleasant Ridge Road to the Jackson County Line, Phase I/II Project, Randolph County, Region Five/District Eight.**

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 30, 2024, 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 on IL 3 from Pleasant Ridge Road to the Jackson County Line in Randolph County in District Eight. The various proposed projects will consist of pavement replacement plans, some which may include ADA improvements.

The Phase I engineering services may consist of conducting route surveys, geometric studies and reviews, geotechnical reports, Intersection Design Studies (IDSs), right of way information, and project reports (Categorical Exclusion projects only).

This work includes data collection, cost estimates, traffic management analysis, crash analysis, preparing environmental and hazardous waste documents, TSL's, SGR's, slope stability analysis, 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 from Pleasant Ridge Road to the Jackson County Line in Randolph County, and the structure replacement of S.N. 079-0012. This includes, but is not limited to, pavement design, supplemental surveys, roadway plans, structure plans, retaining wall 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 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 following structure is included in this project, S.N. 079-0012: IL 3 over Rock Creek.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley's Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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	15
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

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 duties of the Structural Engineer, and who will be in charge of the structure plan preparation (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 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 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 work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (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 categories may be 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 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 **Special Services (Public Involvement)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Highways (Roads and Streets)

Location Design Studies (Reconstruction/Major Rehabilitation)

Statements of Interest, including resumes of only 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).

44. Job No. P-99-025-24, Various Phase I/II Projects, Various Routes, Various Counties, Region Five/District Nine.

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 **July 31, 2024, at 10:00 AM** at the **Region Five/District Nine** Office in **Carbondale**.

Phase I/II engineering services are required on various projects throughout District Nine.

Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, drainage studies, hydraulic analysis, geometric studies, preparing Bridge Condition Reports, Hydraulic Reports, Structure Reports, Structure Geotechnical Reports, and preparing Project Reports (Categorical Exclusion projects only). This work will include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, TS&L drawings, right of way information, preparation of environmental documentation for submittal by District, environmental consequences, and other related work necessary to produce Project Reports for bridge or roadway projects.

Phase II work, if required, may consist of route surveys, hydraulic analysis, geometric studies, roadway plans, structure plans, highway lighting, ADA plan development, preparation of pre-final plans for bridge or roadway projects, and any other work to complete final plans, specifications, and estimates for bridge or roadway projects, as necessary.

Surveying services may include but are not limited to topographical mapping, digital terrain modeling, cross-sectional data, hydraulic surveys, plats, legal description, monument records, right-of-way plans, and various land surveying activities associated with property boundaries and right-of-way.

The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, culvert replacement, widening and resurfacing, and/or new roadway projects. The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project.

The Consultant may be expected to preform work as an IDOT Project Manager or Squad Leader and expected to perform the work in the District's office. The Consultant may be required to assist the District in reviewing projects and overseeing 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.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	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	25
Firms understanding/method of accomplishing project requirements	10

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 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 person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer). The **Special Services (Location Drainage)** and/or **Hydraulic Reports (Waterways: 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 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(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 work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (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 categories may be completed by the Sub and /or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Statements of Interest, including resumes of only 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).

45. **Job No. C-99-105-24, I-24 Ohio River Bridge, Massac County, Phase III Project, Massac County, Region Five/District Nine.**

This project may contain **Federal Funds**.

This project requires **26% 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, 2024, at 1:00 PM** at the **Region Five/District Nine Office in Carbondale**.

Phase III engineering services are required to provide construction supervision, inspection, engineering layout, record maintenance and Quality Assurance (QA) testing for Portland cement concrete (PCC), soils, aggregate, and other miscellaneous materials. This work is anticipated to consist of constructing a PCC bridge deck wearing surface, joint replacements, structural steel repair, formed concrete repair and painting of structural steel at various locations including all fascia beams, areas near expansion joints, floor beams, and a portion of the arch.

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 will be required to furnish a liaison Resident Engineer to work directly with the IDOT Resident Engineer and Materials Engineer to provide a staff to perform the engineering services required for this project. The Consultant's work force shall be adequate to allow completion of these projects in a timely manner and in accordance with the department's Standard Specifications for Road and Bridge Construction. The Consultant should expect 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 project will require day and night operations.

The Consultants will maintain records and submit documentation of QA and material acceptance activities required by the construction contract, department policies, and as directed by the department's supervising materials personnel in Region Five/District Nine.

Sampling, testing and acceptance of construction materials shall be in accordance with department policies, Manual of Materials inspection, Manual of Test Procedures for Materials, Project Procedures Guide, highway standards, individual construction contract plans and special provisions.

The Consultant will be asked to provide trained technicians to perform nuclear density testing for aggregates and possibly HMA pay items. Consultants will provide their own nuclear gauge, bunker, and transport box. Consultants will have their own nuclear license and will not be covered by the department's license. Consultants will provide a dynamic cone penetrometer (DCP) to Nuclear Density Inspectors to perform subgrade testing. The Consultant may be directed to witness and secure mixture and density samples for HMA pay items. The Consultant will perform Quality Assurance testing on PCC in the field. The Consultant will provide calibrated equipment to PCC technicians to test concrete temperature, slump, and air content.

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 will be required to furnish a laptop computer and/or a tablet device equal to the latest type used by Region Five/District Nine for the project. The computer and tablet shall be capable of running the department's Construction & Materials Management System (CMMS) web-based contract administration system.

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	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	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	10

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 Inspector(s) (with current IDOT Construction Documentation certificate). Experience and workable knowledge of IDOT inspection duties and requirements capable of performing geometric and physical layout as needed for construction purposes.
- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred). (Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities. Minimum ten (10) years' experience as a Resident Engineer desired in the areas of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC), Concrete Structures and soils).
- The Materials QA Technician/Inspector(s). Include specific details of-HMA and/or PCC QC/QA training, and details of experience with materials inspection. HMA testing and inspection will require HMA Level 1 certification. PCC testing and inspection will require PCC Level 2 certification.
- Nuclear Density Technician/Inspector(s) will be responsible for density testing of earth embankments, subgrades, and aggregate subbases. The Nuclear Density personnel and firm shall be properly licensed and trained including but not limited to S-33 "Soils Field Testing and 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). If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training.
- The person(s) performing the Construction Inspection.
- Bridge Paint Inspector(s). The person(s) performing paint inspection must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3 or Association for Materials Protection and Performance (AMPP) Senior Certified Coatings Inspector.

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 only 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).

46. Job No. V-99-002-24, Various Phase III Projects, Various Routes, Various Counties, Region Five/District Nine.

This project requires **26% 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, 2024, at 10:00 AM** at the **Region Five/District Nine Office in Carbondale**.

Phase III engineering services are required to provide construction supervision, inspection, engineering layout, and record maintenance for various projects in District Nine. Quality Assurance (QA) testing for hot mix asphalt (HMA), Portland cement concrete (PCC), soils, and aggregate.

The Consultant will be required to furnish a Liaison Resident Engineer complete with staff capable to run individual projects and work directly with the department's Resident Engineers to ensure adequate engineering services required for these projects are in place. 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. Staffing levels could range from six (6) to eight (8) inspectors during peak construction season.

The Consultant must be capable to both assist the Resident Engineer with construction inspectors and act as Liaison Resident Engineer to prepare all documentation of the project. The Consultant's Liaison Resident Engineer may be required to coordinate and schedule materials inspection with Consultant inspectors and the District's Materials staff to insure adequate inspection. The various proposed projects may consist of pavement and surface removal, patching and resurfacing, PCC pavement construction, bridge repair, bridge rehabilitation, electrical work, bridge replacement, widening and resurfacing, vertical/horizontal realignment and/or new roadway projects.

The Consultants will maintain records and submit documentation of QA and material acceptance activities required by the construction contract, department policies, and as directed by the department's supervising materials personnel in Region Five/District Nine.

Sampling, testing and acceptance of construction materials shall be in accordance with department policies, Manual of Materials inspection, Manual of Test Procedures for Materials, Project Procedures Guide, highway standards, individual construction contract plans and special provisions.

The Consultant may be asked to provide trained technicians to perform nuclear density testing for embankments, aggregates, and HMA pay items. Consultants will provide their own nuclear gauge, bunker, and transport box. Consultants will have their own nuclear license and will not be covered by the department's license. The Consultants will provide a dynamic cone penetrometer (DCP) for Nuclear Density Inspectors. The Consultant may be asked to witness and secure

mixture and density samples for Pay for Performance and Quality Control for Performance HMA pay items and perform density tests in a field laboratory furnished by the department.

The Consultant will provide tools of the trade. The department will furnish all necessary plans, specifications, standards, and related forms for record keeping. The Consultant will be required to furnish a laptop computer and/or a tablet device equal to the latest type used by Region Five/District Nine for the project. The computer and tablet shall be capable of running the department's Construction & Materials Management System (CMMS) web-based contract administration system.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their Subconsultant(s) on the same project or on material coming 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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$1,947,000. The completion date for this contract will be 48 months after authorization to proceed. 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. Consultant staff should expect nightwork on some projects.

The estimated construction cost for these assigned projects ranges from \$100,000 to \$65,000,000. The various projects are scheduled for construction during calendar year 2024, 2025, 2026, and 2027 construction seasons.

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

- The Construction Inspector(s) (with current IDOT Construction Documentation certificate, experience, and workable knowledge of IDOT inspection duties and requirements capable of performing geometric and physical layout as needed for construction purposes.

- The Liaison Engineer (Illinois Licensed Professional Engineer is preferred, include the Documentation Certificate Number for IDOT class S-14, Documentation of Contract Quantities. Minimum ten (10) years' experience as a Resident Engineer desired in the areas of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC), Concrete Structures and soils.
- The Materials QA Technician/Inspector(s). Include specific details of aggregate source certification, HMA, and/or PCC QC/QA training, and details of experience with materials inspection. HMA testing and inspection will require HMA Level 1 certification. PCC Level 2 certification required for PCC testing and inspection.
- The Nuclear Density Technician/Inspector(s) will be responsible for density testing of earth embankments and aggregate subbases. The Nuclear Density personnel and firm shall be properly licensed and trained including but not limited to S-33 "Soils Field Testing and Inspection".
- The Documentation Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT). If selected, this individual will be required to obtain Construction & Materials Management System (CMMS) training.
- The person(s) performing the Construction Inspection.

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 only 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).

47. **Job No. P-99-026-24, IL 3 South of Waterloo, along IL 154 to IL 13/127 North of Murphysboro, Phase I Project, in Monroe, Randolph, Perry, and Jackson Counties, Region Five/District Eight and Nine.**

This project may contain **Federal Funds**.

This project requires **13% 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, 2024, at 10:00 AM** at the **Region Five/District Nine Office in Carbondale**.

Phase I Planning and Environmental Linkages or a NEPA Scoping engineering and environmental services are required for preparing Purpose and Need, Preliminary Alternatives, Alternatives to be Carried Forward, determining the NEPA class of action (CE, EA, or EIS), obtaining at least two concurrence points at the NEPA/404 Merger meeting, and identifying the preferred alternative.

The Consultant’s work includes data collection, field investigations, roadway surveys, drainage investigations, establishment of horizontal and vertical alignments, cooperating agency section 106 consulting party letters, environmental survey requests, intersection designs, traffic capacity analysis, the evaluation of alternatives, proposed right-of-way determinations, safety analysis, public involvement, presentations, cost estimates, drainage analysis, sizing structures, environmental reviews, and report writing.

Projects or tasks requiring CADD are anticipated to be completed using 3D modeling utilizing Bentley’s Open Roads Designer software and our current CADD environment in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

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	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 & 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 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 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 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 **Special Services (Public Involvement)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

The Prime firm must be prequalified in the **Location Design Studies (New Construction/Major Reconstruction)** category to be considered for this project.

The **Environmental Reports (Environmental Assessment)** prequalification category requirement may be completed by the Sub and/or Prime Consultant. The environmental work must be performed using staff that has been presented in your most recently approved Statement of Experience and Financial Condition.

Statements of Interest, including resumes of only 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).

48. Job No. P-99-028-24, Various Local Roads Project Management Projects, Various Routes, Various Counties, Region Five/District Nine.

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, 2024, at 10:30 AM** at the **Region Five/District Nine** Office in **Carbondale**.

Engineering Services are required for a Consultant Project Manager (PM) for various IDOT local agency sponsored and department led processes and/or projects throughout District Nine. This work may involve working directly with local agencies and/or their Consultant firms.

The PM will be expected to perform work similar to the IDOT Local Roads staff. Key staff from the PM Consultant may be expected to perform work in the district offices, project job sites, and local public agency (LPA) offices in the district as required. This work may also require working in the district offices, project job sites, and LPA offices in the District up to five (5) days a week as necessary. The work may include engineering, technical, management, administrative services, and other work as necessary to assist bringing numerous projects to completion in accordance with established schedules. This work may involve all facets of Phase I, II and III engineering, LPA maintenance programs, and project closeout for Local Public Agency sponsored projects.

In addition, the Consultant may also be required to act as a Project Manager (PM) for various department-led processes and/or projects throughout District Nine. The PM Consultant, if required, may be assigned to support all facets of Phase I, II and III engineering for department led projects, maintenance programs, and project closeouts.

The selected Consultant and/or their Subconsultants are prohibited from managing projects 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.

Teaming Agreements will be allowed on this project.

The anticipated work may include, but not be limited to:

- Providing technical support for all facets of Local Agency and department led Phase I, II, and III engineering projects, maintenance programs, and project closeout as assigned including but not limited to:
 - Reviewing deliverables for compliance with departmental policies
 - Monitoring project scope, schedule, and budget
 - Project Closeout
- Identifying and implementing necessary coordination and communications within and outside the department; to IDOT and stakeholders as required.
- Attending regular progress meetings and briefings for IDOT including FHWA where details of project and progress are presented.
- Facilitating and expediting the resolution of technical issues, drawing upon necessary resources and experts in applicable disciplines.

- Facilitating the resolution of contractual issues, drawing upon necessary resources within IDOT.
- Providing engineering judgment and analysis in the review of county, township, and municipal projects funded with federal, Motor Fuel Tax (MFT), Township Bridge Program (TBP), and other state/federal funded programs to ensure departmental and statutory obligations are being fulfilled as it relates to the proper expenditure of funds. This may include a complete review of the local agencies' accounting practices and documenting discrepancies.
- All other work as required to implement Local Agency and department-led Projects.

Work orders under the blanket agreement will be negotiated and authorized on an as needed basis.

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	20
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 & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of the work documents associated with the contract (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer - that individual providing support for all facets of Phase I, II and III engineering for Local Agency sponsored projects (must be an Illinois Licensed Professional Engineer).
- The person who will perform the technical review work for milestone submittal documents and review (must have adequate Local Roads policy and Motor Fuel Tax experience).
- The person who will perform review and/or tracking of local agency bridge inspections. The **Structures (Highway: Typical)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.

The Statements of Interest must also **include**:

- Provide the approach the firm will take on this project along with a summary of management experience and Local Roads project experience.
- A disclosure of any previous or open contracts between the firm and any local agencies.

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)

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. BI-37-004-25, Various Phase III Steel Fabrication Shop Inspection Projects, Various Routes, Various Counties, Bureau of Bridges & Structures.

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, 2024**, at **1:30 PM** at the **Bureau of Bridges & Structures** Office in **Springfield**.

Phase III engineering services are required to provide structural steel shop fabrication Quality Assurance (QA) Inspections. Attachment A, showing Inspection Requirements, is enclosed for your consideration.

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

<u>Inspector Qualifications</u>	<u>Straight Time</u> (Hours)	<u>Overtime</u> (Hours)
CWI and UT Level II (Shop)	75	15
CWI (Shop)	3,000	150
Non CWI (Shop)	525	75
UT Level II (Field)	30	
Inspection Manager (Site Meeting)	15	

Services will also entail an estimated: 360 days of per diem per year and significant travel.

Each inspector is expected to be a member of the Consultant’s inspection staff. The use of temporary personnel hired from the local area for inspection shall be prohibited unless approved by the department on a case-by-case basis. The contract will be monitored and administered by the IDOT Bureau of Bridges and Structures.

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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	30
Proximity of firm to project location	10
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$750,000. 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.
- The person who will perform the duties of Project Engineer (Inspection Manager), that individual in charge who is directly involved in the work.

The Statements of Interest must also include:

- Firm's previous experience with this type of work and IDOT specifications.
- Names of key personnel along with resumes indicating technical and managerial qualifications.
- Availability of inspection personnel and your firm's anticipated workload during the next two (2) years.
- Branch office locations.

Firms interested in submitting for this item that are not currently prequalified must establish an account in EPAS so the firms 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 Preliminary Engineering mailbox in the Bureau of Design and Environment at DOT.consultantservices@illinois.gov.

Statements of Interest, including resumes of only 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).

ATTACHMENT A

INSPECTION REQUIREMENTS SECTION I - QA INSPECTORS

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

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

SECTION II - CONDUCT OF INSPECTORS

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

SECTION III - SHOP INSPECTION

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

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

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

1. General surface inspection as material is processed and exposed to view, noting imperfections. View cut edge of plates for indications of internal defects.
2. Observe thermal cutting and computer numerically controlled (CNC) equipment to determine if it appears to be performing properly.
3. Check the mill identification, sizes of sections and thickness of plates, verifying that approved materials are used, with special attention to the use and location of Fracture Critical Material.
4. Determine that dies and punches are in acceptable condition, of correct size, and used within the limits set by the contract, the manufacturer or industry practice as appropriate.
5. Check that reamed holes are cylindrical, that burrs are removed, and no drilling debris remains between shop contact surfaces.
6. Periodically monitor the installation and tightening of high strength bolts to ensure that the selected tightening procedure is properly used. Each day that bolts are to be installed in slip critical connections, rotational capacity tests shall be performed, and inspection wrenches shall be calibrated in a device indicating bolt tension prior to testing.
7. Bolted splice plates shall be properly fitted and secured prior to reaming or drilling. Parts assembled for drilling or reaming holes to full size shall be aligned and secured after verifying proper hole spacing and edge distances.
8. Techniques used in assembling beams, girders, trusses, rigid frames or arches shall not damage members, and the desired geometry (camber, horizontal curvature, etc.) shall be verified before reaming, unless otherwise approved by the Engineer.
9. Field bolted splices and other reamed assembled (RA) or drilled assembled (DA) elements shall be plainly match-marked, and the match-marking diagrams shall be checked. Erection (piece and match) marks shall be made with low or mini-stress dies in areas of members and splice plates specified on the shop drawings.
10. Check pins, bushings and pin holes for size, location and surface finish. Obtain certification of pin and bushing material and any required heat treatment process.
11. All finished members shall be free of general or localized twists, bends, kinks or other distortions exceeding contract tolerances.
12. All loose pieces are to be bolted or otherwise secured for shipment, and small parts properly cushioned and boxed or otherwise secured against loss and damage in transit.
13. Check for "lefts" or "rights" and number of parts.
14. Surfaces to be shop coated shall be properly cleaned and surface profile verified prior to application. Priming must be done within 24 hours of cleaning and prior to any surface rusting.
15. ILDOT-approved batches of paint are to be applied in accord with the contract and

manufacturer's product data sheet. Verify paint batch approval by the department. A letter from IDOT's Bureau of Materials or the manufacturer listing the batch number and test ID is acceptable. Monitor mixing of components, humidity, metal and air temperature and application patterns.

16. All thermal cutting shall be mechanically guided. No hand-held thermal cutting of final edges shall be allowed without the approval of the department, and re-entrant cuts must be finished in accord with contract requirements.
17. Verify QC measurements for center to center of bearings, camber and sweep. Make random checks of stiffener and lateral bracing locations as well as their hole layouts. If errors are found, require more complete dimension checks by QC to define extent of the problem.
18. Check workmanship (dimensionality, straightness, finish, etc.) in accordance with requirements of applicable specifications.
19. Check that splice plates and fills are properly positioned before drilling or reaming. No metal fragments or foreign material other than paint shall remain between shop bolted components.
20. Mill test reports should be obtained from the fabricator's QC or the department and correlated with the primary member material used in the structure. A material assignment sheet may be obtained from QC or developed by the QA Inspector. Mill reports or independent lab tests must verify satisfactory toughness testing for "CVN", "NTR" or Fracture Critical material. The material grade (e.g.: Gr. 36, 50, 50W) must comply with the shop drawings. All steel material shall be certified on the mill report to be domestically produced ("Melted and Manufactured in the USA" or similar).
21. Report significant fabrication deficiencies (e.g.: requiring substantial removal and replacement of welds or paint, miss-located holes, misaligned members) on the daily log, including their cause and correction. Proposals to correct errors potentially affecting the adequacy of the member shall be submitted by the fabricator to the department prior to repairs. Attachment and removal of temporary fabrication or handling must employ department approved methods.
22. Any erection devices shown on the approved shop drawings warrant the same inspection required for permanent material but mill test reports and evidence of domestic origin are not required for temporary items not purchased by the department.

SECTION IV – WELDING

Prior to Welding:

1. The QA Inspector shall verify the current qualifications of each welder for process(es) and position(s) used on the project. Welder qualification shall be performed in accord with the applicable AWS code (D1.1, D1.2 or D1.5), and the QA Inspector may witness alignment of the test plates, the welding preparation of the coupons, and/or tests performed in the fabricator's shop. (In the absence of test facilities in the shop, the fabricator shall forward the properly identified coupons to a testing laboratory acceptable to the department). Also, discuss with quality control the traceability of each welder's work, noting that no permanent indications (die stamps, welded figures) shall be allowed on finished work.
2. Ensure weld procedures are ILDOT approved and understood by the welders, welding foremen and quality control.
3. Prior to fitting welded joints, examine the condition of the material, especially for defects or contamination in the joint area.
4. Check fit-up of joints that are to be welded, including root face, angle of bevel, the alignment of the parts, and the uniformity of root opening.
5. When applicable, ensure run-on/run-off tabs are of adequate length, shape, material type

- and size to allow full weld throat the entire length of the joint.
6. Check surfaces to be welded for cleanliness, with mill scale and rust removed to the extent required, and absence of moisture, lubricants, or other foreign material detrimental to welding.
 7. Visually inspect tack welds for integrity and defects. Observe preheat prior to tacking where required. They are to be as small as practical. No temporary welds are allowed on any flange or web solely for positioning or restraint. Tack welds on flanges and webs must be incorporated in the final weld.
 8. Review weld joints shown on the shop drawings for potential conditions which may require weld sequencing or heating parameters not specified on the approved weld procedure and notify QC and the department of such situations.
 9. Review shop report forms utilized for nondestructive testing and discuss any concerns with QC.
 10. Discuss the condition and calibration of welding equipment with QC. Verify gauges (amperage, temperature, wire feed speed, voltage, etc.) are periodically checked for accuracy and adjusted or replaced if necessary, and that calibration equipment is periodically certified and properly utilized.

During Welding:

1. Ensure the correct weld consumables are utilized, are in satisfactory condition and are stored properly to prevent damage. Bridge welding requires low-hydrogen processes, so consumables must be reconditioned or replaced after exposure, as provided by the specifications.
2. Periodically observe the technique and performance of welders to ensure procedures and techniques conform to the contract. For fracture critical joints, plan for sequential inspection of multiple-pass welds. Arrange with the QC for the foreman to notify the QA Inspector when such work will be performed.
3. Ensure welding is done in accordance with the approved procedures, periodically verifying that the current, amperage, voltage, travel speed, preheat and interpass temperatures are within tolerances.
4. Ensure welds start in the area where weld is to be deposited. Tack welds shall be located and sized (after grinding) to be completely incorporated in the production weld. Cracked tack welds shall be removed before welding over their location.
5. On subsequent passes for flange and web butt joints, observe if the split layer technique is properly used where required.
6. Verify that the root and intermediate passes are cleaned and deficiencies corrected before succeeding weld passes. Wire brushing, grinding or chipping may be used to remove slag between weld passes, but no unspecified peening or distorting ("caulking") of weld metal shall be permitted without the specific approval of the department.
7. After butt welds have cooled, if the parts joined are not in alignment corrections shall be made prior to assembly of member. Minor misalignment may be corrected by the controlled application of heat and/or pressure. If misalignment is significant, corrective work shall be done using QC-proposed methods approved by the Engineer.
8. If welds are to be ground smooth and flush, final finishing should be parallel to the direction of the main stress in a member. All welds shall terminate in a satisfactory manner.

After Welding:

1. Welds shall be cleaned of slag and examined by QC. When blast cleaning is required, a general examination of welds and material shall also be done after blasting and before painting.
2. Any weld geometry exceeding welding code limits shall be corrected to meet tolerances.

- Ends of repair welds shall transition smoothly into existing welds.
3. Excess metal at butt welds shall be removed by grinding. Plate thickness or width transitions shall be sloped as shown on the shop drawings with smooth transitions at the thinner/narrower plate. Over-grinding at this location must be corrected using Engineer-approved methods before NDT.
 4. All runoff tabs shall be removed without damaging permanent material. Thermal-cutting may be used, provided the final preparation is done by grinding.

SECTION V - RADIOGRAPHY AND RADIOGRAPHIC INSPECTION

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

SECTION VI - MAGNETIC PARTICLE INSPECTION

1. The QA Inspector shall ensure magnetic particle inspection (MT) is done in accordance with ASTM E 709 and the Contract.
2. The fabricator performs the MT required by the contract for the department and submits a report to the QA Inspector of all findings. The QA Inspector shall periodically witness the testing and, if satisfied as to the technique and results, retaining original reports and giving one copy to the fabricator. The QA Inspector shall forward a complete set of the original reports to the department at the end of the project.

SECTION VII - ULTRASONIC INSPECTION

1. Ultrasonic testing (UT) required by the Contract shall be performed by the fabricator. The fabricator is to submit a report to the QA Inspector of all findings. The QA Inspector shall be familiar with proper UT application, and periodically witness testing, including set-up and recalibration. If the Engineer requires QA verification testing of the fabricator's findings or to examine areas not requiring UT in the Contract, the QA Inspector must be qualified as a Level II in UT by testing, training and experience in accord with the current edition of the American Society for Nondestructive Testing Recommended Practice No. SNT-TC-1A.
2. UT may also be required at field locations utilizing the Consultant's equipment when requested by the department. (The department shall provide access, traffic control and assistance as required).
3. For UT performed by the fabricator, the QA Inspector shall include the reports in the project file and return one copy to the fabricator. For UT performed by the QA Inspector, a copy shall not be provided to the fabricator unless directed by the Engineer. The QA Inspector shall forward the original UT reports to the department at the end of the project.

SECTION VIII - SHOP CLEANING AND PAINTING

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

2. Structural steel shall not be shop cleaned or painted until its fabrication has been accepted by QC: this is not mandatory but represents good practice, and the QA Inspector shall mandate recleaning and/or repainting if deficient areas are coated. Blast cleaned surfaces shall have proper profile and cleanliness. Thermal cut edges shall be ground before blasting to achieve the required profile. Primer must be applied within 24 hours and before any rust is visible.
3. The shop coat(s) shall be inspected for proper mixing, application, dry film thickness of individual or multiple coats, proper curing of preceding coats, and uniform coverage. Unless otherwise provided for small batches, the inspector shall have an approved test report identification issued by the department for the batch of paint used. If not, the fabricator Contractor must submit samples taken from the batch (with the QA Inspector witnessing) to the DEPARTMENT'S Bureau of Materials and Physical Research for testing prior to painting. Paint must be applied when the temperature and humidity are within acceptable limits and during the manufacturer's prescribed pot life. Paint may only be thinned in accord with the manufacturer's guidelines.
4. Special attention shall be given to shop installed bolts. Cleaning, profile, subsequent primer coverage and adhesion shall be carefully monitored. For mechanically galvanized bolts installed before blasting, some galvanizing may remain after cleaning, as long as primer adhesion is not impaired. For black ASTM A490 bolts in painted areas, if blasting does not produce adequate profile due to the hard surface, exposed bolt surfaces must be cleaned and spot primed with a suitably adherent coating before priming the adjacent steel.
5. After shop painting, care shall be taken in the handling, storage and shipping of material to avoid damage or contamination (oil, etc.) of the surface. All damage noted shall be repaired in accord with Contract requirements and the paint manufacturers' guidelines prior to shipment.
6. Verify gauges (dry film thickness, profile, temperature, humidity, etc.) are routinely calibrated and that calibration equipment is recertified as necessary.

50. **Job No. BI-37-002-25, Various Phase III Paint Inspection Projects, Various Routes, Various Counties, Bureau of Bridges & Structures.**

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 13, 2024**, at **10:30 AM** at the **Bureau of Bridges & Structures** Office in **Springfield**.

Phase III engineering services are required to provide supervision, inspection, and documentation of various painting contracts and other coatings related expertise statewide.

The services include providing contract supervision/inspection for various painting contracts as requested by the Districts and authorized by the Bureau of Bridges and Structures. Services also include providing paint coating failure analysis for ongoing or recently completed painting projects along with recommended solutions, providing technical assistance on specifications, special provisions, and various other departmental policies, providing evaluations and recommendations of new painting, cleaning, or containment systems as necessary. The project also involves providing environmental monitoring assistance and training when necessary, and suitable traffic control according to departmental standards, when required.

For contract inspection, the Consultant will furnish approved engineer/technician(s) to act as Resident Engineer(s) on assigned projects. The Consultant will perform on-site inspection, maintain documentation, and submit pay estimates, change orders, and any other duties requiring the services of an engineer/technician to complete these projects on a timely basis and in accordance with the State Specifications and Guidelines.

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

For other coatings related expertise, the Consultant will furnish approved personnel, documentation, and services as necessary to perform the work as assigned.

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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	30
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	20

The estimated engineering fee for this project is \$1,500,000. 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.
- The person who will perform the duties of Project Engineer, (must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3 or Association for Materials Protection and Performance (AMPP) Senior Certified Coatings Inspector).
- The person(s) performing the duties of the Resident Liaison Engineer/Technician(s) (must be a NACE Certified Coatings Inspector – Level 3 or AMPP Senior Certified Coatings Inspector).
- The Document Engineer/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 Statements of Interest must also include:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.
- Name, location, and accreditation of laboratory to be used.
- Demonstrate five (5) years of experience in construction management and inspection services during surface preparation and coating application.
- Demonstrate three (3) years of experience in environmental and worker monitoring on industrial lead paint removal projects.
- Consultant should have the use of a laboratory accredited by the American Industrial Hygiene Association (AIHA) for the analysis of metals for all worker exposure filter analyses including PM-10 and TSP-lead filters.

- Fully equipped analytical and physical testing laboratory to support technical and field personnel, as well as associated coatings and monitoring instrumentation necessary to support multiple field projects.
- Documented and acceptable quality control procedures.
- All the necessary equipment to provide or accomplish the above-mentioned tasks.

Firms interested in submitting for this item that are not currently prequalified must establish an account in EPAS so the firms 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 Preliminary Engineering mailbox in the Bureau of Design and Environment at DOT.consultantservices@illinois.gov.

Statements of Interest, including resumes of only 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).

51. **Job No. BI-37-003-25, Various Phase III Paint Inspection Projects, Various Routes, Various Counties, Bureau of Bridges & Structures.**

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 13, 2024, at 1:30 PM** at the **Bureau of Bridges & Structures** Office in **Springfield**.

Phase III engineering services are required to provide supervision, inspection, and documentation of various painting contracts and other coatings related expertise statewide.

The services include providing contract supervision/inspection for various painting contracts as requested by the Districts and authorized by the Bureau of Bridges and Structures. Services also include providing paint coating failure analysis for ongoing or recently completed painting projects along with recommended solutions, providing technical assistance on specifications, special provisions and various other departmental policies, providing evaluations and recommendations of new painting, cleaning, or containment systems as necessary. The project also involves providing environmental monitoring assistance and training when necessary, and suitable traffic control according to departmental standards, when required.

For contract inspection, the Consultant will furnish approved engineer/technician(s) to act as Resident Engineer(s) on assigned projects. The Consultant will perform on-site inspection, maintain documentation, and submit pay estimates, change orders, and any other duties requiring the services of an engineer/technician to complete these projects on a timely basis and in accordance with the State Specifications and Guidelines.

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

For other coatings related expertise, the Consultant will furnish approved personnel, documentation, and services as necessary to perform the work as assigned.

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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	30
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	20

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 documents.
- The person who will perform the duties of Project Engineer, (must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3 or Association for Materials Protection and Performance (AMPP) Senior Certified Coatings Inspector).
- The person(s) performing the duties of the Resident Liaison Engineer/Technician(s) (must be a NACE Certified Coatings Inspector – Level 3 or AMPP Senior Certified Coatings Inspector).
- The Document Engineer/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 Statements of Interest must also include:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant’s relevant projects completed by the firm within the past ten (10) years by members of the Consultant’s’ key personnel listed in the SOI. Do not include more than ten (10) relevant projects.
- Name, location, and accreditation of laboratory to be used.
- Demonstrate five (5) years of experience in construction management and inspection services during surface preparation and coating application.
- Demonstrate three (3) years of experience in environmental and worker monitoring on industrial lead paint removal projects.
- Consultant should have the use of a laboratory accredited by the American Industrial Hygiene Association (AIHA) for the analysis of metals for all worker exposure filter analyses including PM-10 and TSP-lead filters.

- Fully equipped analytical and physical testing laboratory to support technical and field personnel, as well as associated coatings and monitoring instrumentation necessary to support multiple field projects.
- Documented and acceptable quality control procedures.
- All the necessary equipment to provide or accomplish the above-mentioned tasks.

Firms interested in submitting for this item that are not currently prequalified must establish an account in EPAS so the firms 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 Preliminary Engineering mailbox in the Bureau of Design and Environment at DOT.consultantservices@illinois.gov.

Statements of Interest, including resumes of only 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).

52. Job No. BI-37-001-25, Various Phase II Projects, Various Routes, Various Counties, Bureau of Bridges & Structures.

This project requires **14% 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 30, 2024, at 10:30 AM** at the **Bureau of Bridges & Structures** Office in **Springfield**.

Phase II engineering services are required to provide various structural engineering services, required by the Bureau of Bridges and Structures. All work for this project may be in English or Metric Units.

Projects may include plan preparation and plan review for the repair, rehabilitation, or replacement of structures, drafting services, policy investigation, and development, NBIS and Element Level Inspections and Load Rating Inspections, load capacity ratings of new and/or existing structures, field investigations, structural studies, and possible training. The Consultant may be required to provide the appropriate bridge inspection equipment to complete inspections and field investigations. The Consultant may also be required to provide the appropriate traffic control.

The Consultant may be required to act as a Project Manager (PM) for various engineering services. The Consultant may be assigned to manage the review and preparation of various IDOT phase II projects. The Consultant will be expected to perform work similar to an IDOT Project Manager & staff, and report to a Bureau of Bridges and Structures Group Leader, Unit Chief, or Section Chief. The work may include engineering, management, public coordination, administrative services, and other work as necessary to ensure assigned projects are brought to completion in accordance with established schedules.

The department will furnish the available documents and resources to the Consultant. Projects to be handled by the selected Consultant vary greatly in size and complexity as well as timing. The selected Consultant must have the capacity to absorb this work without adversely affecting other commitments while still completing these projects in the prescribed time period.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	30
Proposed DBE use	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	20

The estimated engineering fee for this project is \$1,750,000. 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 and Illinois Licensed Structural Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer and Illinois Licensed Structural Engineer).
- The person who will perform the duties of the Structural Engineer, and who will be in charge of the 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 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 **Structures (Highway: Complex)** category to be considered for this project.

Statements of Interest, including resumes of only 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).

53. **Job No. N-65-001-24, Various Project Management Projects, Various Routes, Various Counties, Central Bureau of Construction.**

This project requires **26% 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 27, 2024**, at **10:00 AM** at the **Bureau of Construction Office in Springfield**.

Engineering services are required for a Project Management Engineering team. The Consultant team will supplement current Central Bureau of Construction staff to conduct specific task training, coordinate policy revisions, review contract documentation, evaluate new technologies and/or perform other duties as necessary to implement construction contracts statewide.

Work may involve coordination of project implementation tasks utilizing current IDOT staff as well as consultants. Management may include all facets of engineering oversight as assigned including:

- Policy Coordination
Review current construction policies and specifications and identify outdated information; develop new verbiage as necessary to ensure up-to-date guidance for statewide application; coordinate formal revisions and distribute new guidance as appropriate.
- Specific Task Training
Review current construction training manuals and identify outdated information; develop online and/or in-person training materials; conduct in-person and/or virtual training as necessary to district staff across the state.
- Contract Documentation
Verify supporting documentation for construction contract changes, pay estimates, and contract claims; confirm project compliance with specifications and standard documentation procedures; evaluate data and provide recommendations to Bureau of Construction staff and/or district personnel.
- Technology Management
Evaluate new technologies to determine applicability to the IDOT construction program; develop materials to support the implementation of new technologies; coordinate and/or conduct training as needed.

Contractors sometimes employ engineering firms to perform field and laboratory inspection of materials for IDOT construction contracts. The Consultant and any Subconsultant on this project will be prohibited from evaluating contracts in which the Consultant or Subconsultant is involved by other means. It will be the Prime Consultant and Subconsultant's responsibility to inform the Central Bureau of Construction of any current relationships with contractors so that conflicts of interest can be avoided.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	30
Proximity of firm to project location	5
Proposed DBE use	5
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. 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 Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Document Technician. (The person actively performing documentation reviews on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT). If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training.

The Statements of Interest must also **include**:

- A Project Understanding and Approach, describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Subconsultant(s).
- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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 only 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).

54. **Job No. S-60-007-24, Various Phase II Statewide Sign Structure Inspection Projects, Various Routes, Various Counties, Bureau of Operations.**

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 **July 30, 2024, at 1:00 PM** at the **Bureau of Operations** Office in **Springfield**.

Phase II 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. 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.

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 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, and operate an Ultrasonic Thickness Gauge 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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultants 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	20
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

- 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 relevant projects done in the last ten (10) years by members of the Consultant's current key personnel listed above.

The Prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statements of Interest, including resumes of only 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).

55. **Job No. S-60-005-24, Various Phase II 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 29, 2024**, at **1:00 PM** at the **Bureau of Operations** Office in **Springfield**.

Phase II engineering services are required to coordinate traffic signals in a corridor, to minimize delays and stops, by developing and implementing optimum signal timings in the field at locations within Districts Two, Three, Four, and Five.

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 phasing, 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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultants 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 \$300,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

The Statement of Interest must also include:

- 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 and a SCAT report done in the last ten (10) years by members of the Consultant's current key personnel listed above.

The Prime firm must be prequalified in the **Special Studies (Signal Coordination and Timing (SCAT))** category to be considered for this project.

Statements of Interest, including resumes of only 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).

56. **Job No. S-60-006-24, Various Phase II Sign and Tower Structure Inspection Projects, Various Routes, Various Counties, District One, Bureau of Operations.**

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 **July 30, 2024, at 10:00 AM** at the **Bureau of Operations** Office in **Springfield**.

Phase II engineering services are required for the inspection of sign and tower structures and for the collection of data and the development of reports.

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 One 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 I

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 Consultant's 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 a 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 II

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 I

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 Consultant's 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 or a Flash Drive.
- 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; timeframe 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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultants 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	20
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is \$300,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

- 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 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 Statements of Interest must also include:

- 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 relevant projects done in the last ten (10) years by members of the Consultant's current key personnel listed above.

The Prime firm must be prequalified in the **Structures (Highway: Typical)** category to be considered for this project.

Statements of Interest, including resumes of only 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).

57. **Job No. S-60-004-24, Various Phase II 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 29, 2024**, at **10:00 AM** at the **Bureau of Operations** Office in **Springfield**.

Phase II engineering services are required to coordinate traffic signals in a corridor, to minimize delays and stops, by developing and implementing optimum signal timings in the field at locations within Districts Six, Seven, Eight, and Nine.

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 phasing, 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.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultants 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 \$200,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

The Statement of Interest must also include:

- 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 and a SCAT report done in the last ten (10) years by members of the Consultant's current key personnel listed above.

The Prime firm must be prequalified in the **Special Studies (Signal Coordination and Timing (SCAT))** category to be considered for this project.

Statements of Interest, including resumes of only 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).

58. **Job No. HPR-25-002-25, Various Phase III Projects, Various Routes, Clinton County, Bureau of Research.**

This project requires **15% 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 31, 2024, at 9:00 AM** at the **Bureau of Research Office in Springfield**.

This project requires specialized technical services in providing engineering services for performing certification and research activities at the Illinois Certification and Research Track. These efforts are anticipated to include administering non-destructive test equipment certifications and facilitating research projects as described below.

The Illinois Department of Transportation constructed the Illinois Certification and Research Track (ICART) in 2022. This closed facility was designed and constructed to certify non-destructive test equipment for pavement surface properties. ICART will also be host to several research activities related to pavement surface characteristics. The Bureau of Research manages and operates the ICART facility. Due to low levels of staffing the Bureau of Research is looking for assistance in administering certifications and facilitating research projects. Consultant personnel will be required to conduct work at ICART located at 13255 Crackerneck Road in Trenton, unless otherwise directed by the department.

Certification testing will be conducted for inertial profile testing systems according to AASHTO R 56, with the potential of adding certification activities of friction testing systems (locked-wheel and continuous), falling weight deflectometers, and transverse pavement profile systems. Inertial profile testing system certification services are expected to include all efforts necessary to establish the certification test section, collect the reference profile, witness participant testing, and analyzing certification data.

The consultant shall supply enough engineers to cover up to 75% of the certifications for each year of the contract. ICART is currently scheduled to certify approximately 100 pieces of equipment in 2024. It is projected that number will only increase in future years as more state agencies look to utilize the pavement types and surface textures that ICART has available.

Any equipment necessary for conducting the certification testing services will be provided by the department; however, the consultant must be able to provide equipment if directed by the department. The equipment will be maintained by the department or the consultant according to department policies at a minimum, based on which entity provided it for use in the work.

The consultant staff at times will be responsible for collecting the reference profiles for profiler certification with IDOT's SurPRO 5000, FHWA's Benchmark Profiler, or FHWA's Urban and Low-Speed Profiler.

The department will furnish suitable office/desk space, files, and computer and telecommunication equipment at the ICART located at 13255 Crackerneck Road in Trenton for consultant staff required to work from that facility. The following testing equipment will be provided by the

department, or by the consultant when required by the department, for the Consultant personnel to operate:

- Reference Profiler: International Cybernetics Corporation SurPro 5000 or equivalent operated according to ASTM E2133.
- Walking Texture Meter: WDM TM2 or equivalent operated according to manufacturer's recommendations.
- Transverse Profiler: Ames Transverse Profile and Rut System – 4k or equivalent operated according to AASHTO R88-18.
- Federal Highway Administration Benchmark Profiler (Provide by DOT Only)
- Federal Highway Administration Urban and Low-speed Profiler (Provided by DOT Only)
- Autonomous pavement marking device: Tiny Surveyor Plotter (Provided by DOT Only)

Work orders for certification testing services may consist of, but not be limited to, the following tasks:

- Coordinating and scheduling certification appointments for department personnel, contractors, vendors, and other state agencies.
- Collecting reference profiles to establish baselines for analyzing certification test data.
- Analyzing certification data sets to determine pass/fail.

Facilitation of research projects is expected to include assistance with development of research plans and coordination of test track availability in conjunction with ongoing certification testing efforts. The consultant shall serve as a liaison between the department and principal investigators conducting research projects for the department, Transportation Pooled Fund studies, and other agencies or national research programs.

Work orders for research facilitation services may consist of, but not be limited to, the following tasks:

- Assisting with development of research plan and testing schedules.
- Coordination of scheduling and executing research testing.

Information obtained through any of the efforts listed above is the property of the Illinois Department of Transportation (IDOT) and cannot be sold/given to any other entity without written permission from IDOT.

Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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	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
Project Specific Criteria: Knowledge of and experience with AASHTO testing and certification standards	10

The estimated engineering fee for this project is \$1,900,000. This contract must be completed by December 31, 2027.

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 Technical Director, that individual in charge who is directly involved in administering certification testing and facilitating research projects. Must demonstrate 5 years of experience with completing certifications of inertial profilers according to AASHTO R 56. He/she shall have experience conducting experiments testing a variety of devices that can produce a longitudinal profile. The technical director will be responsible for assisting in the planning and execution of research experiments for IDOT, Transportation Pooled Fund studies, and other agencies as directed by the Bureau of Research.
- The person(s) who will assume the duties of Staff Engineers, those individuals assisting with the certification of inertial profilers, research experiments, and vendor/manufacturer equipment testing. These staff engineers shall have experience in conducting certification procedures according to AASHTO R 56. The staff engineers shall also have experience with other non-destructive test equipment such as locked-wheel skid testers, continuous friction measurement equipment, falling weight deflectometers, and transverse pavement profilers.

The Statements of Interest must also **include**:

- The Consultant's relevant projects completed by the firm within the past ten (10) years by members of the Consultant's key personnel listed in the SOI. Do not include more than ten (10) relevant projects.
- The Consultant must provide evidence of the licensing requirements listed above, and documentation for each individual showing experience with the specific aspects of the above work efforts as required for their involvement in the work.

Firms interested in submitting for this item that are not currently prequalified must establish an account in EPAS so the firms 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 Preliminary Engineering mailbox in the Bureau of Design and Environment at DOT.consultantservices@illinois.gov.

Statements of Interest, including resumes of only 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).

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.

Salary Cap

Published: February 2, 2023

Effective February 2, 2023, the salary cap for projects on PTB 185 and after has been increased to \$86/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 \$78/hr cap and cannot be resubmitted.

NOTICE

EEO 1981 FORM

Published: November 3, 2022

The EEO 1981 form is no longer required within the proposal packet.

The Bureau of Civil Rights eliminated this form in September.

NOTICE

EPAS SOI CHANGES

Implementation Date: November 3, 2022

The following changes have been implemented:

CONTENTS

FIRM INTEREST & PHOTOS	1
EXHIBIT A.....	2
EXHIBIT B.....	4
PROJECT EXPERIENCE.....	5

FIRM INTEREST & PHOTOS

1. We are enforcing the 2 page limit for attachment one. If your firm exceeds the 2 page limit, we will **not** accept your SOI for that particular item. You will receive an email from Central Bureau of Design and Environment indicating if your SOI was rejected. The text will read:

*Briefly describe your firm's interest in performing the work selected in the PTB-Item Number. (This description is a PDF file and **shall not** exceed two pages. Submittals exceeding two pages will not be accepted.)*

Should look like this:

*Briefly describe your firm's interest in performing the work selected in the PTB-Item Number. (This description is a PDF file and **shall** not exceed two pages. Submittals exceeding two pages will not be accepted.)

2. Organizational chart will now be mandatory.

IF the advertisement indicates a Project Understanding and Approach is required, then it will be attached here behind the org chart.

Should look like this:

*2. Attach a **one** page Organizational Chart (no resumes).

If the advertisement requests a Project Understanding and **Approach** to be provided, include here behind the required organizational chart, **the approach shall not exceed 5 pages.**

EXHIBIT A

- Under Staffing Totals we are adding instructions to clarify what we are requesting:

Should look like this:

Staffing Totals

This section is the number of staff you are proposing to put towards the advertised services within the item (not firm's total staffing of the company). This will also feed into the Exhibit A form that is required to be signed by your firm. Full time equivalent staff should be added.

Management	Professionals	Sub-professionals
	Engineers <input type="text"/>	Technicians <input type="text"/>
	Land Surveyors <input type="text"/>	Draftsmen <input type="text"/>
	Architects <input type="text"/>	Survey Crew <input type="text"/>
	Others <input type="text"/>	Clerical <input type="text"/>
		Other <input type="text"/>
Total <input type="text"/>	Total <input type="text" value="0"/>	Total <input type="text" value="0"/>
		Total Project Staff <input type="text" value="0"/>

- We are removing the "Project Completion Date" question, which will in return remove it from the Exhibit A PDF as well:

*Firm will complete project within estimated time listed in the project advertisement --Please Select--

Project Experience

Select...

project. If there are several projects with the same work completed, then a project manager noted for each.

Select...

4. Summarize any other information specifically requested in the project as

Select...

***5. CONSULTANT'S EXHIBIT A**

The Consultant's Exhibit A form is required for each item for successful elec convert the signed form to PDF document and attach below. If this form ha information is either added or deleted on the Exhibit A and Exhibit A Staffin sign and re-attach.

[Print](#)

Other Required Key Staff:

*If work is being done by a subconsultant, list firm name also. Attach resumes of above-listed personnel.

Management	Professionals	Sub-professionals
Total 0	Engineers 0	Technicians 0
	Land Surveyors 0	Draftsmen 0
	Architects 0	Survey Crew 0
	Others 0	Clerical 0
		Other 0
	Total 0	Total 0
		Total Project Staff 0

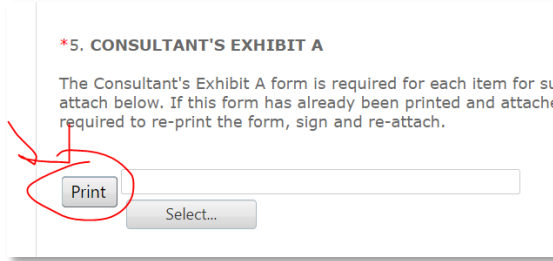
Firm will complete project within estimated time listed in the project advertisement: **NO** ❌

If No, explain:

List all Subconsultant(s) and denote if sub is a DBE, and the Item(s) (category(ies)) of work with the estimated % they will perform.

Firm Name	DBE	Category(ies)	Est. %
Firm is Proposing a Mentor-Protégé on this project: NO			
Firm Name		Category(ies)	
Firm is Proposing Teaming on this project: NO			

3. We are removing the Subconsultant Table from within the Exhibit A **PDF** since we have this information listed in the Subconsultant Utilization Plan (attachment 6):



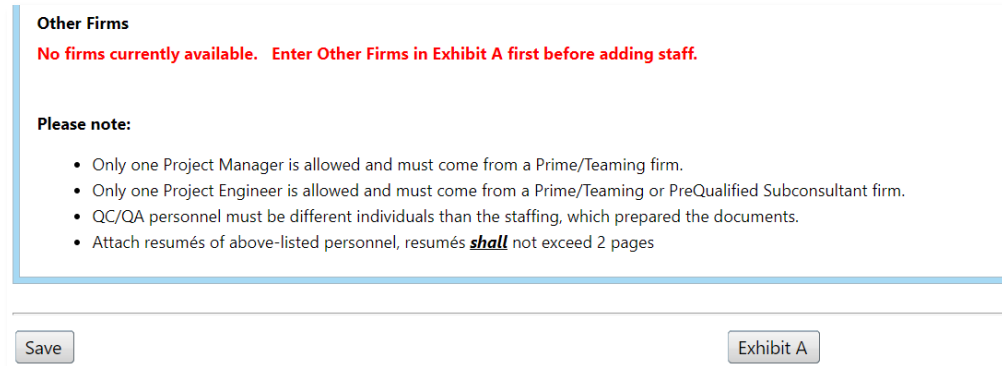
List all Subconsultant(s) and denote if sub is a DBE, and the item(s) [category(ies)] of work with the estimated % they will perform.

Firm Name	DBE	Category(ies)	Est. %
B Test Firm			

4. We are adding a note under Staffing tabs that:

Attach resumes* of above-listed personnel, resumes ***shall*** not exceed 2 pages.

Should look like this:



* Resumes should ***only*** be attached for personnel requested under this section of the advertisement, and do not include any additional resumes unless requested within the advertisement: Key personnel listed on Exhibit A for this project must include.

5. Under Main Staff we are adding to the drop down "Structural Engineer":

Should look like this:

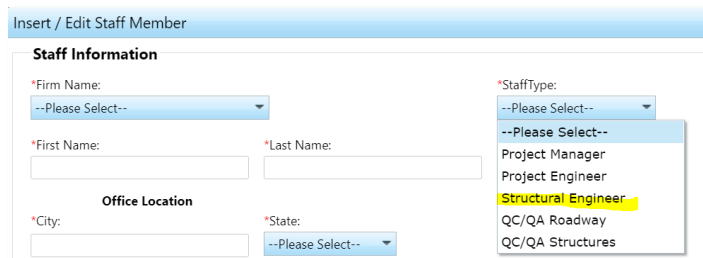


EXHIBIT B

1. When Location Design Studies is required, we are removing the “Attachment 2” which requested:

“List and describe in short paragraph up to a maximum of three less complex Location Design Studies your firm has completed in the last ten years, include completion dates for project. If IDOT project(s) use PTB# and Item#.”

There will now only be two attachments required.

The screenshot shows a web form with tabs for 'Location/Design Study', 'Environmental Work', 'Environmental Staff', and 'Other Environmental Staff'. The 'Location/Design Study' tab is active. Below the tabs, there is a heading 'Location/Design Study Work' and a sub-heading 'This portion to be completed when projects require Location Design Studies (Reconstruction/Major rehabilitation or New Construction/Major Reconstruction)'. There are two numbered questions. Question 1 is visible and has a 'View' button. Question 2 is crossed out with a large red 'X' and has a 'View' button. Red arrows point to the text of question 2.

2. When Environment is required, we are removing the “Attachment 4” which requested:

“Briefly describe how the environmental staff will be incorporated into the study process. Particular attention should be given to those not based in the primary office who are responsible for conducting the work. (This description should not exceed one page).”

The screenshot shows a web form with tabs for 'Location/Design Study', 'Environmental Work', 'Environmental Staff', and 'Other Environmental Staff'. The 'Environmental Staff' tab is active. Below the tabs, there is a heading 'Environmental Staff' and a sub-heading 'This portion to be completed when projects require Environmental Reports (Environmental Assessment or Environmental Impact Statements)'. There are four numbered questions. Questions 1, 2, and 3 are visible and have 'Remove' and 'View' buttons. Question 4 is crossed out with a large red 'X' and has a 'Remove' and 'View' button. Red arrows point to the text of question 4.

PROJECT EXPERIENCE

1. Changing the requirements for Attachment #3 to be as follows:

Should look like this:

3. Summarize any experience of the staff or firm(s) (prime and sub work combined) in accomplishing similar types of work within the last **10** years. This information should be concise and relevant to the expertise required for this specific project.

Attachment **shall not** exceed **20** pages.

Select...

2. Changing the requirements for Attachment #4 to be as follows:

Should look like this:

4. Unless additional information is required within the advertisement this field should be **blank**.

Teaming Agreements if applicable should be included here.

Select...

The following are the questions that was asked during the WebEx on Friday, October 28, 2022 @ 9:30 AM for IDOT SOI Changes.

Contents

FIRM INTEREST 2 PAGER	1
ORG CHART	1
PROJECT UNDERSTANDING AND APPROACH	2
EXHIBIT A & RESUMES.....	3
STAFF INFORMATION.....	6
STAFFING TOTALS	7
EXHIBIT B	7
PROJECT EXPERIENCE	7
ADDITIONAL INFORMATION.....	7

FIRM INTEREST 2 PAGER

Q: Does the SOI 2 page limit includes the cover page?

A: Yes, but it should be strictly two pages, if you include a cover page that counts as one page, and you have one page left to put information in.

ORG CHART

Q: To confirm, all staff on Org Chart should be included on Exhibit A and staffing totals?

A: It depends how you display your org chart. Some org charts are very high level with just firm names, and others have individual staff members. IF that staff member is doing a key role or part being requested or is someone you want to highlight then they should be in the Exhibit A with an attach resumes under the Exhibit A Staffing arm.

Q: Is the Org Chart only to show the staffing breakdown that will work on that specific project, or should it show all of the employees in the firm (i.e. same Org Chart for all projects)? Are Subconsultants to be shown?

A: It should be specific to the project. Yes and subconsultants should be displayed.

Q: On the org chart should we only include exhibit A people or everyone we are proposing for the project?

A: See question above.

Q: Will IDOT allow 11x17 org charts?

A: Yes, as long as it does not exceed one page, and probably nothing larger than 11x17.

PROJECT UNDERSTANDING AND APPROACH

Q: A Project Understanding and Approach are not necessary unless requested in the PTB item?

A: Correct, unless we specify it in the ad it is not required. Limit the approach to 5 pages unless specified in the advertisement.

Q: That's a big "if requested" on that submission box. Our firm includes an understanding and approach whether or not it's requested. Will that count against us if we continue doing that?

A: It shall not be included unless requested.

Q: The Project Understanding and Approach is not to be put with the org chart unless required/asked for. Is that correct?

A: If it is asked for, include behind the org chart as another page in the combined PDF file, see question above.

Q: Just to clarify, you should only include a project understanding with org chart if specifically asked?

A: See question above.

Q: What happens if a consultant provides a Project Understanding and Approach, when not asked for? Will they be rejected? Should the Districts just disregard?

A: May either not be accepted or graded down due to not following instructions.

Q: Is there a page limit to the project approach?

A: Limit the approach 5 pages unless specified within the advertisement. See question above.

Q: So at the bottom of the org chart you can enter the project understanding, or is that a separate page

A: No it's a separate page from the org chart. You just combine it into a single PDF file for uploading purposes.

Q: How does the project understanding & approach differ from the SOI?

A: SOI is more of a big picture/executive summary, and a project understanding & approach then you would get into the specifics.

Q: Will the evaluation criteria be changing especially if an approach may not be required? Currently the following criteria is listed on every item: Firms understanding/method of accomplishing project requirements

A: You are still providing a high level summary in the 2 page requirement; we will ensure the evaluation criteria is appropriate though based on what the District proposes.

EXHIBIT A & RESUMES

Q: Should resumes be included for ALL staff shown on Exhibit A?

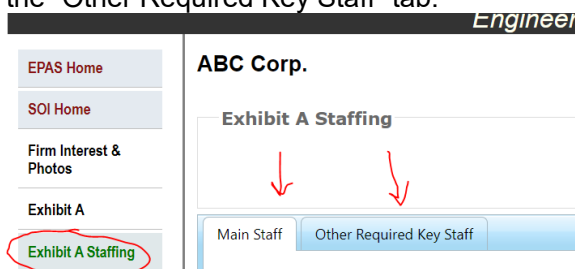
A: Only staff requested within the PTB Advertisement should be included, with resumes.

Q: Is that two pages per resume or in total for all main staff?

A: 2 pages **PER** resume. So you could in theory have 5 resumes each having 2 pages.

Q: Will the resumes still need to be attached behind the Exhibit A PDF? Or will we just need them in the Main Staff?

A: No please do not attach/combine them with the Exhibit A PDF, they should all reside under "Exhibit A Staffing", so they are in a centralized location. They should be in either the "Main Staff" tab or the "Other Required Key Staff" tab.



Q: If 5 key personnel are listed in the ad, is it correct that only 5 resumes should be submitted and only 5 listed on staffing table? Often the team will show capacity through additional support roles exemplified by additional resumes and/or additional names on the org chart, with all included on the staffing table. For example, a project with 5 key personnel listed might be executed with 10+ personnel. Which is compliant?

A:

- (1) If the ad requests only 5 key personnel/roles to be identified, you should identify them in the Exhibit A Staffing tabs, including a resume for each individual you identify.
- (2) Your Staffing Totals, if you are proposing only 5 individuals towards the project, then yes you will list only those 5 in the table. BUT that table matrix does not mean to sum/display ONLY the key people, but all staff you are proposing on the project. So if you have say a “clerical” person you want to count, you can include them in the Staffing Totals table matrix, thus having maybe 6 people towards that project. Hope this clears it up.

Your comment “For example, a project with 5 key personnel listed might be executed with 10+ personnel.” Is correct, you would show 10 people in the table then.

Q: Exhibit A Staffing totals: include the count of the whole team (including subs) or just the submitting firm count?

A: Should be the whole team, prime and sub in total.

Q: Should we only submit resumes for roles listed in the advertisement or should we submit resumes for all roles on the org chart?

A: The resumes that are required are those that we list under this section of the ad:

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

Q: For Key Staff, I just want to verify it is OK to add Staff/Resumes beyond those listed in the advertisement?

A: No – only include those that are asked for – see question above.

Q: The subconsultant table is no longer part of Exhibit A and only part of the Consultant Utilization Plan. However, currently, the sub information is entered in the Exhibit A tabs. Does that change now since it isn't part of Exhibit A any longer?

A: I apologize, I did not make that part clear. The electronic table where you add subconsultants will still be required, it just will not appear in the Exhibit A PDF version anymore, just the Subconsultant Utilization Plan PDF.

Still required, and needs filled out if you have subs being proposed:

Subconsultants Work Performed

IDOT PreQualified Firms

--Select To Add Firm--						
Firm Name	DBE	Qualifications	Categories	%Work by Firm	Edit	Delete
B Test Firm	No		<input type="button" value="View"/>		<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

Q: Do all subconsultants need to be represented on Exhibit A?

A: IF you have sub performing a key role or want to identify the person and include their resume then you will add them to the Exhibit A. Per the question above, you will still list out the subconsultant, their prequal categories they will work in and estimated % of work.

Q: If the subconsultant table has been removed, does that no longer populate the Delinquent Debt?

A: See questions above, you will still disclose the subs, their prequal categories, % of work. This will then populate the Delinquent Debt and the Consultant Utilization Plan PDF. What was removed was the sub table on the Exhibit A PDF version.

Q: Does the Exhibit A include the staff of sub-consultants as well as Prime?

A: Yes, if you are identifying them, they can be included, especially if they are performing one of the specified roles we request within the advertisement.

Q: On Exhibit A: Key Staff, on the example you shared on the screen, the bullet point for Lead Structural Engineer, says: The staff performing this work must be identified. Hence, are resumes required for all the structural engineers on the item?

A: Resumes would be required for all staff performing that work, yes, and identified in Exhibit A with an attached resume in the Exhibit A Staffing arm of EPAS.

Q: Anyway that subconsultant employees can be populated in the drop down boxes so we don't have to enter their info over and over and over and over for each item. It is so time consuming.

A: We will look into this.

Q: Is the district going to be adding a prequalification category for things like "Value Engineering - CVS + PE requirement" which have been showing up frequently on PTB requests? It always causes confusion in EPAS how we depict these individuals/firms.

A: At this time we do not foresee adding Value Engineering as an official category. IF you have a firm you are proposing to do the Value Engineering work, it depends on the firm. We do a handful of firms who specialize strictly in VE and are not prequalified in any other work, thus you would add them to the "Other Firm" table. IF you are using a firm who is prequalified in other categories of work, you can't add that "category" per say because they are not a specialty. Ensure that firm is highlight either in the Firm Interest and/or Org Chart.

STAFF INFORMATION

Q: Can QA/QC Survey be added to the QA/QC group?

A: Yes, we can add that as an option in the drop down.

Q: For construction items, a Resident Engineer is typically requested but an RE is not listed under Main Staff within EPAS. Does selecting the Project Manager option suffice?

A: Yes the RE would be listed as a Project Manager.

Q: There are some items that do not have an RE requirement, however EPAS asks for a project engineer on the main staff table. What should be inserted for these situations?

A: If I understand the question correctly, EPAS will always require you to put a Project Manager, and you should identify the individual and we will try and make sure that is in the advertisements in the future.

Q: Is it looked at as a positive or negative to add additional staff resumes that are not key or requested? The way it's worded now makes it seem like we are ONLY allowed to include resumes for key people.

A: It is recommended to include resumes of the individuals requested.

STAFFING TOTALS

Q: Do all staff in staffing totals need to be represented in the org chart and/or exhibit a?

A: No they do not.

Q: For Staffing Totals, if Management is an Engineer, should they be listed as Engineer or Mgmt?

A: I would put them in what will be their main role.

Q: Under Staffing Totals, for the Line item "Survey crew" are you expecting I provide how many crews will be used OR a head count of the crew? i.e. 2 crews vs 6 headcount?

A: Head count.

Q: Can a staff be counted twice in the staff table?

A: No, just once please.

EXHIBIT B

Q: What's the difference between the Location/Design Study Experience and Project Experience sections? Aren't these a listing of the same projects?

A: If you list experience in the Exhibit B – you are limited to only a certain number of experience/projects for Location Design Studies. If you provided that experience and do not wish to showcase any other projects then you technically can just leave the Project Experience section blank because you already showcased the projects in the Exhibit B tab.

PROJECT EXPERIENCE

Q: You said "work completed within the last 10 years" but the description doesn't include the word "completed." Can the projects we include be in-progress?

A: I was hoping no one would catch my error (good catch!). Yes, it can be in-progress projects. We were at one point going to make it "completed" projects, but I misspoke, and it can be in-progress projects.

ADDITIONAL INFORMATION

Q: How often will "additional information" be requested for projects

A: It's very hard to tell, it depends on the project and scope of services we are advertising. It can vary.

Q: Do you require mentor protege agreements submitted with the PTB or after award?

A: No it is not required at the time of SOI, it would be after the award.

Q: For teaming agreements is this only for formal JVs or does IDOT want hand shake agreements with our subs? often we have a loose agreement with our subs and finalize agreements when the PTB is awarded.

A: At the time of SOI, you should be submitting a signed formal Teaming agreement. As for subs, once you selected, you will enter into your own subconsultant agreements which will be required at a later time.

Q: Where do you like to see TOCs located?

A: No preference.

Q: Can the district be more specific about some issues that are anticipated on a project, flooding, special off days, etc...

A: Encourage the Districts to use the Negotiation Information Page which can be found on our IDOT Website: [http://apps.dot.illinois.gov/eplan/ptb/](http://apps.dot.illinois.gov/eplan/desenv/ptb/)

NOTICE

MENTOR PROTÉGÉ GUIDELINES

Published: August 4, 2022

The Department is pleased to announce that effective with PTB 205, the Mentor-Protégé program is now approved to be used on both State or Federally funded consultant contracts. The [Program Guidelines](#) have been revised to reflect this change. Please visit the [IDOT Website](#) to learn more about the Mentor-Protégé program.

NOTICE

Construction & Materials Management System (CMMS)

Published: Thursday, November 5, 2020

The Illinois Construction Records System (ICORS) has been replaced by the Construction & Materials Management System (CMMS) beginning with the January 2020 Letting.

CMMS is used to administer all State let construction contracts. CMMS training will be required prior to an individual being granted access to CMMS. This includes individuals identified as responsible for resident engineering, construction inspection, and documentation.

NOTICE

Prequalification Updates

Effective: July 31, 2020

The department has updated our "[Description and Minimum Requirements for Prequalification for Engineering, Architectural & Professional Services](#)".

The following is an overall summary of what changes were made, and what the steps will be in order to comply with the requirements.

Changes

1. Reformatted the document, added a table of contents
2. Added definition to what is considered a specialty

Following categories had edits to them:

Airports

3. Planning & Special Services: Adjustments - renamed to "Master Planning/Airport Layout Plans (ALP)", ADDED to the requirements
4. Design: Adjustments were made to the requirements
5. Construction Inspection: ADDED to the requirements
6. Design: Complex Electrical: BRAND NEW category!
7. Construction Inspection: Complex Electrical: BRAND NEW category!

Special Plans

8. Traffic Signals: ADDED to the requirements
9. Lighting: Typical: Rewritten
10. Lighting: Complex: Rewritten
11. Pumping Stations: ADDED to the requirements (support staff required)
12. Within EPAS, you will notice that instead of "Special Studies", Traffic Signals, Lighting (typical and Complex) and Pumping Stations will be under "Special Plans". This was a fluke within EPAS and will now coincide with the requirements and how it is categorized. No action is needed, this is strictly a FYI noting the change when you see it in EPAS and the approval letters.

Location Design Studies

13. New Construction/Major Reconstruction: Removed requirement of an Illinois Licensed Structural Engineer

Environmental Reports

14. Removed page references of the EPAS Manual

Transportation Studies

15. Railway Planning: BRAND NEW category!

Special Services

16. Surveying: ELABORATED on requirements
17. Aerial Mapping/LiDAR: Split up Aerial Mapping and LiDAR, Adjustments were made to the requirements, Rewritten, see decision tree for action to take
18. Mobile LiDAR: BRAND NEW category! See decision tree for action to take
19. Electrical Engineering: ADDED to the requirements (support staff required)
20. Mechanical Engineering: ADDED to the requirements (support staff required)
21. Sanitary Engineering: ADDED to the requirements (support staff required)
22. Architecture: ELABORATED on requirements (“...Schools, offices, courthouse, etc. are not considered for this category...”)
23. Hazardous Waste: Simple: Adjustments were made to the requirements
24. Hazardous Waste: Advance: Adjustments were made to the requirements
25. Public Involvement: ADDED new category! See decision tree for action to take
26. Project Controls: ADDED new category!

Key Dates

- **November 2020**: the changes will be hopefully implemented in EPAS so firms can reapply/apply as needed, as of right now the new questionnaires are not in EPAS. We will send out an email through our subscription service notifying firms.
- **February 4, 2021**: new categories can be advertised on PTB 199.
- **June 30, 2021**: SEFC’s that are due for those firms who have a fiscal year ending date of 12/31/2020, IF a NEW SEFC is required be sure to comply with the new requirements when updating/applying for prequalification categories. Please review our [EPAS Manual Section 7: When and What to Submit: Start New; Renew; or Amend](#).

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

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>

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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

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

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.

* As of July 31, 2020 this category will be established within EPAS. The category should be open for application in November 2020. Until then it will be allowed to be a specialty till EPAS can be updated.

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.

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	NEW % work Bv Firm	NEW Qualifications
Firm Name	Carrie.Kowalski@Illinois.gov	Edit	Delete	Include Number	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	<input type="button" value="View"/>	2	Edit	Delete
Firm Name B	Yes	Special Services - Surveying	<input type="button" value="View"/>	5	Edit	Delete
Firm Name C	Yes	Special Services - Construction Inspection	<input type="button" value="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 Firm Name B	me	Areas of work (PreQualification Categories) they will be participating in	Commands
		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.

Illinois Department of Transportation
Randall S. Blankenhorn, Secretary

Engineering Prequalification and Agreement System

State of Illinois
Bruce Rauner, Governor

Help Log

ABC Corp.

EPAS Home
SOI Home
Firm Interest & Photos
Exhibit A
Exhibit A Staffing
Exhibit B
Project Experience
Summary and Submit
News

Project Experience

PTB Number 187
IDHR Number

PTBItem: 1

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.

Select...

4. Summarize any other information specifically requested in the project advertisement.

Select...

*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.

Print Select...

***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.

Print Select...

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

IDOT 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: |

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

SEFC ID:	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category
SEFC ID:	01/14/2014	12/31/2012	Am			
SEFC ID:	12/05/2013	12/31/2012	Am			
SEFC ID:	07/01/2013	12/31/2012	Ren			
SEFC ID:	02/20/2013	12/31/2011	Am			
SEFC ID:	07/31/2012	12/31/2011	Ne			

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 - Safety,Special Studies - Highway: Advanced Typical Highway: Typical Structures - Highway: Typical Structures - Highway: Advanced Typical Structures - Highway: 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.

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;

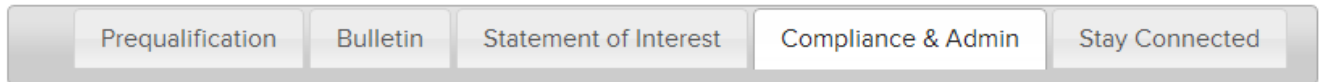
- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42U.S.C. §460 I), (prohibits unfair 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 two tabs: "Construction" and "Engineering". The "Engineering" tab is selected. Below the tabs, the heading "Engineering" is displayed. A paragraph 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." There are three expandable sections: "Learn More", "How to Get Started", and "Forms". The "Forms" section is expanded, showing a list of links under three sub-headings: "Submitting a Plan", "Compliance", and "Reporting".

Engineering

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.

- Learn More
- How to Get Started
- ▾ Forms

This section provides necessary forms/templates your firm will need to access/complete throughout the duration of the agreement.

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](#)

Required Assessments

- [Mentor Assessment](#)

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.