

Professional Transportation Bulletin

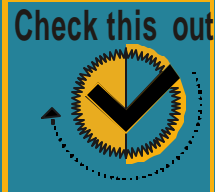
PTB 198

November 5, 2020

Statements of Interest are due before 12:00 p.m.
on December 3, 2020
Selection Date: January 27, 2021



Help &
INFORMATION



Check this out

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

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IMPORTANT NOTICE

Professional Transportation Bulletin Revisions

Selection Date: January 27, 2021

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: There are no revisions as of November 5, 2020.

CONTACT INFORMATION

State of Illinois

Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

The Transportation Bulletin is the official Illinois Procurement Bulletin for the Illinois Department of Transportation as authorized by Section 15-1 of the Illinois Procurement Code, 30 ILCS 500/15-1.

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

Professional Transportation Bulletin

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

Questions concerning this Bulletin should be directed to:

E-mail: DOT.ConsultantServices@illinois.gov

Or mailing address:

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

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

Region 1: Mr. Anthony Quigley

District 1
201 West Center Court
Schaumburg, IL 60196

Region 2: Mr. Masood Ahmad

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

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

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

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

For Professional Transportation Bulletins

ACTIVITY	PTB 199	PTB 200	PTB 201	PTB 202	PTB 203	PTB 204
PUBLISH PTB	02/04/21	05/06/21	08/05/21	11/04/21	02/03/22	05/05/22
**STATEMENTS OF INTEREST DUE	02/25/21	05/27/21	08/26/21	12/02/21	02/24/22	05/26/22
SELECTION MEETING	04/21/21	07/21/21	10/20/21	01/26/22	04/20/22	07/20/22

**** Statements of interest for the current PTB 198 must be RECEIVED between:**

Publish Date 11/05/20 & 12/03/20 (12:00 P.M. NOON)

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

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

NOTICES

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

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- Prequalification Updates9
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- Landscape Architect.....13
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- Specialty Categories15

NOTICE

Negotiation Information Site

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

Prequalification Bulletin Statement of Interest Compliance & Admin Stay Connected

Bulletin

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

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

Negotiation Information

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

▶ Tentative PTB Schedule

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

Region 1

Anthony Quigley

- **District 1**
 - Items 1 – 10

Region 2

Masood Ahmad

- **District 2**
 - Items 11 - 15
- **District 3**
 - Items 16 – 17

Region 3

Kensil Garnett

- **District 4**
 - Item 18
- **District 5**
 - Items 19 – 22

Region 4

Jeffrey Myers

- **District 6**
 - Item 23
- **District 7**
 - Items 24- 25

Region 5

Keith Roberts (acting)

- **District 8**
 - Items 26 – 33
- **District 9**
 - Items 34 – 35

Bureau of Bridges & Structures

Carl Puzey

- Item 36

Bureau of Operations

Amy Eller

- Item 37

Bureau of Statewide Program Planning

Holly Bieneman

- Item 38

Illinois Department of Natural Resources

Dale Brockamp

- Item 39

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

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:

27. Previously had a “Prevailing Rate Schedule” option, this was removed.
28. The electronic overhead chart option was removed.
29. 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.
30. 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.
31. There are two more attachments added under Question 3: (1) Compensation Analysis and (2) Bonus Data. These are **REQUIRED** to be submitted.
32. A brand new question has been added under Question 4: Does your firm have multiple rates? If this option is utilized, you must enter at least two different types of rates within the table provided.

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

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

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

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

NOTICE

SEFC Application Changes

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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

Mileage Reimbursement

Effective: January 1, 2020

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

For additional information about travel, please go to:

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

NOTICE

Specialty Categories

Published: Thursday, November 7, 2019

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

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

These categories consist of:

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

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

* 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.

INTRODUCTION

State of Illinois

Department of Transportation
2300 South Dirksen Parkway
Springfield, Illinois 62764

Professional Transportation Bulletin 198 Publish: November 5, 2020

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

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

This is **not** an invitation for bids. Firms properly prequalified for any of the projects listed herein may indicate their desire to be considered for selection by submitting a Statement of Interest (SOI) for the project through the [Engineering and Prequalification Agreement System \(EPAS\)](#).

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

Statements must be submitted electronically to the central Bureau of Design and Environment, through **EPAS, prior to 12:00 p.m. Central Standard time: December 3, 2020. Statements received after this time WILL NOT be considered.**

The selection of professional consultants by IDOT is not based on competitive bidding but on the firm's professional qualifications, experience, and expertise of key personnel to be assigned to the project with consideration also given to the criteria established in the Advertisement:

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

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

Departmental procedures ensure all members of the Consultant Selection Committee are provided with detailed information concerning all Statements of Interest submitted by all consultants. Please do not send letters and/or e-mails expressing your interest in various projects and/or correspondence concerning your firm to members of the Consultant Selection Committee per Illinois Procurement and Ethics (5 ILCS 430/5-50).

SUBMITTING A STATEMENT OF INTEREST

Prequalification

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

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

Submitting

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

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

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

Things to Consider

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

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

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

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

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

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

Requirements

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

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

Note:

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

LISTING OF ADVERTISEMENTS

PTB 198

ITEM	COUNTY	DESCRIPTION
Region 1/District 1		
1	VARIOUS	Job No. V-91-003-21, Various Phase III Pavement & Bridge Preservation Inspection, Various Routes, South Cook and Will County, Region One/District One.
2	VARIOUS	Job No. V-91-005-21, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region One/District One.
3	WILL	Job No. D-91-204-19, FAI-80 (I-80) over Des Plaines River Bridge, Chicago Street Interchange and Center Street Interchange, Phase II Engineering Services, Will County, Region One/District One.
4	VARIOUS	Job No. P-91-006-21, Various Phase I Traffic Studies Projects, Various Routes, Various Counties, Region One/District One.
5	VARIOUS	Job No. D-91-043-21, Various Phase II Projects, Various Routes, Various Counties, Region One/District One.
6	VARIOUS	Job No. P-91-005-21, Various Phase I Studies, Various Routes, Various Counties, Region One/District One.
7	VARIOUS	Job No. D-91-042-21, Various Phase II Subsurface Utility Engineering Projects, Various Routes, Various Counties, Region One/District One.
8	WILL	Job No. C-91-326-20, I-55 from River Rd to I&M Canal, Phase III Smart Overlay (Pavement Preservation) Project, Will County, Region One/District One.
9	VARIOUS	Job No. MT-91-001-21, Phase III Various Quality Assurance Testing, Various Routes, Various Counties, Region One/District One.
10	WILL	Job No. D-91-045-21, Various Moveable Bridges over the Des Plaines River in the Joliet Area, Phase II Engineering Services, Will County, Region One/District One.
Region 2/District 2		
11	VARIOUS	Job No. P-92-010-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Two.
12	ROCK ISLAND	Job No. P-92-080-12, Reconstruction of IL 92 from IL 84 (N) in Silvis to 48TH Street in Moline, Phase I, Rock Island County, Region Two/District Two.

ITEM	COUNTY	DESCRIPTION
13	WINNEBAGO	Job No. C-92-020-20, FAP 301 (US 20) from Falconer Road to Simpson Road in Rockford, Phase III, Winnebago County, Region Two/ District Two.
14	BOONE	Job No. P-92-058-20/D-92-016-20, Reconstruction of the Belvidere Bypass (US 20 BUS) from State St. to US 20, Phase I and II Engineering in Belvidere, Boone County, Region Two/District Two.
15	VARIOUS	Job No. V-92-003-20, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Two.
Region 2/District 3		
16	KANKAKEE	Job No. C-93-069-19, I-57 over Grinnell Road and Norfolk Southern Railway, Phase III Project, Kankakee County, Region Two/District Three.
17	GRUNDY	Job No. C-93-047-20, IL 47 over I-55 in Dwight, Phase III Project, Grundy County, Region Two/District Three.
Region 3/District 4		
18	VARIOUS	Job No. P-94-004-21, Various Phase I/II Engineer Projects, Various Routes, Various Counties, Region Three/District Four.
Region 3/District 5		
19	CHAMPAIGN	Job No. C-95-049-18, I-74/I-57 Interchange Reconstruction Project, Phase III Construction Inspection, Champaign County, Region Three/District Five.
20	MCLEAN	Job No. P-95-053-20, US 150/Morrissey Dr from Oakland Ave to Veterans Pkwy in Bloomington, Phase I/II Rehabilitation 3R Designed Overlay and ADA Improvements, McLean County, Region Three/District Five.
21	DEWITT	Job No. P-95-001-19, US 51BUS from US 51 Byp (N) to US 51 Byp (S) in Clinton, Phase I/II 3P Resurfacing, Standard Overlay, and ADA Improvements, DeWitt County, Region Three/District Five.
22	CHAMPAIGN	Job No. P-95-055-20, US 45 from I-57 at Pesotum to US 36 at Tuscola, Phase I/II Rehabilitation Project, Douglas and Champaign County, Region Three/District Five.
Region 4/District 6		
23	VARIOUS	Job No. P-96-013-20, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Six.

ITEM	COUNTY	DESCRIPTION
Region 4/District 7		
24	VARIOUS	Job No. V-97-002-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Four/District Seven.
25	VARIOUS	Job No. P-97-098-20, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Seven.
Region 5/District 8		
26	VARIOUS	Job No. D-98-042-21, Various Phase II Land Surveying Projects, Various Routes, Various Counties, Region Five/District Eight.
27	VARIOUS	Job No. P-98-014-21, Various Phase I/II Land Surveying Projects , Various Routes, Various Counties, Region Five/District Eight.
28	VARIOUS	Job No. V-98-002-21, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Eight.
29	VARIOUS	Job No. P-98-015-21, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.
30	VARIOUS	Job No. P-98-016-21, Phase I and/or II work for Various Projects, Various Routes, Various Counties, Region Five/District Eight.
31	VARIOUS	Job No. P-98-018-21, Various Phase I and/or II Projects, Various Routes, Various Counties, Region Five/District Eight.
32	VARIOUS	Job No. P-98-017-21, Phase I and/or II work for Various Projects, Various Counties, Region Five/District Eight.
33	VARIOUS	Job No. P-98-022-21, Various Phase I/II Drainage Studies and Hydraulic Reports, Various Routes, Various Counties, Region Five/District Eight.
Region 5/District 9		
34	VARIOUS	Job No. P-99-001-21, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Five/District Nine.
35	VARIOUS	Job No. V-99-001-21, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Nine.
Bureau of Bridges & Structures		
36	STATEWIDE	Job No. BI-37-001-21, Various Statewide Engineering for Structure Projects, Major River Bridge Inspections, Bureau of Bridges and Structures.

ITEM	COUNTY	DESCRIPTION
Bureau of Operations		
37	SANGAMON	Job No. S-60-006-20, Development of the State Critical Infrastructure Protection Plan (SCIPP), Bureau of Operations.
Bureau of Statewide Program Planning		
38	STATEWIDE	Job No. HPR-66-071-21, Illinois State Freight Plan Including District Freight Plans and County Freight Profiles, Statewide, Bureau of Planning.
Department of Natural Resources		
39	HENRY	IDNR Project 1-20-044, Hennepin Canal - West End Levee Restoration, Phase I/II, Henry County, Illinois Department of Natural Resources.

1. **Job No. V-91-003-21, Various Phase III Pavement & Bridge Preservation Inspection, Various Routes, South Cook and Will County, Region One/District One.**

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 11, 2021 at 9:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement of various locations throughout District One. Work includes, but is not limited to, resurfacing (SMART overlay), pavement patching, drainage work, safety countermeasures, curb and gutter removal and replacement, ADA sidewalk, pavement marking, joint routing, and joint sealing, bridge deck overlay, bridge replacement. Any and all incidental and collateral work necessary to complete the improvement.

The following projects may be included in this contract:

- II 394 Bishop Ford Expy Smart Overlay (186th – Joe Orr Rd) - SMART RESURFACE
- II 1 Main St Bridge Replacement - BRIDGE REPLACEMENT
- II 1 (Burville – II 394) & II 394 (II 1 to Will County Line) – SMART RESURFACE
- II 394 @ CN & NS RR Deck Overlay – BRIDGE DECK 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 current relationships with contractors.

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

The 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 completion date for this contract will be 18 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 six (6) weeks after the completion of the project.

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

- Liaison Engineer (Experienced with PFP/QCP is desired).
- The Assistant Engineer/Lead Inspector.
- The Document Technician/Lead Inspector. (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 Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing).
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified).

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

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

2. **Job No. V-91-005-21, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 11, 2021 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. Twelve (12) to sixteen (16) engineers and /or engineering technicians are anticipated to be required during the 2021 and 2022 and 2023 (if applicable) construction seasons. Typical assignments would include, but are not limited to, general construction inspection, project finalization and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting and providing general assistance as a member of a field crew. Survey/layout services may be required. The Consultant will furnish a Project Manager and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies. This work may be in either English or metric units.

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

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

The Consultants Statement of Interest will be rated based on:

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

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

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

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

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

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

3. **Job No. D-91-204-19, FAI-80 (I-80) over Des Plaines River Bridge, Chicago Street Interchange and Center Street Interchange, Phase II Engineering Services, Will County, Region One/District One.**

This project may contain **Federal Funds**.

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 **February 11, 2021 at 1:00 PM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates including TSL, structure and roadway plans to complete the improvement project of the FAI-80 (I-80) over Des Plaines River Bridge, Chicago Street Interchange and Center Street Interchange. The existing bridge over the Des Plaines River is expected to be replaced and tied into the Chicago Street and Center Street interchanges. The project also includes reconstruction of the I-80 at Center Street and I-80 at Chicago Street Interchanges.

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

The following structures are included in this project:

- S.N. 099-0056 Existing/099-8325 Proposed: I-80 EB over Des Plaines River, CSX
- S.N. 099-0057 Existing/099-8309 Proposed: I-80 WB over Des Plaines River, CSX
- S.N. 099-0058 Existing/099-8310 Proposed: I-80 WB over IL-53/US-52 (Chicago St)
- S.N. 099-0059 Existing/099-8311 Proposed: I-80 EB over IL-53/US-52 (Chicago St)
- S.N. TBD Proposed: I-80 EB over RAMP B (Chicago Street Interchange)
- S.N. TBD Proposed: I-80 WB over RAMP B (Chicago Street Interchange)
- S.N. TBD Proposed: I-80 at Center Street
- S.N. 099-0083 Existing/099-8306 Proposed: IL-53/US-52 (Chicago St) over Hickory Ck
- S.N. 099-0186 Existing: Center Street over McDonough Street

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

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	15
Proposed DBE use	5
Proximity of firm to project location	5
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	20

The estimated construction cost for this project is \$310,000,000. The completion date for this contract will be 24 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer). Include resume that lists freeway projects on which the individual acted as Project Manager.
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer). Include resume that lists freeway projects on which the individual acted as Project Engineer.
- The person who will be in-charge of the structural design teams (must be an Illinois Licensed Structural Engineer). The staff performing this work must have major river bridges experience and must be identified. Include resumes of all key team members which includes the person in-charge and their experience with IDOT work on freeway structures and major river bridges.
- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Complex)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in-charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The required **Geotechnical Services (Subsurface Explorations), Geotechnical Services (General Geotechnical Services), Geotechnical Services (Structure Geotechnical Reports (SGR)), Geotechnical Services (Complex Geotechnical/Major Foundation)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.

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

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

Highways (Freeways)

Structures (Major River Bridges)

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).

After all responses have been evaluated, firms may be asked to make oral presentations during the week of January 25, 2021.

4. **Job No. P-91-006-21, Various Phase I Traffic Studies Projects, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2021** at 9:00 AM at the Region One/District One Office in **Schaumburg**.

Phase I engineering services are required for the preparation of traffic engineering studies and accident studies for various locations throughout District One. Work may include collection of field data such as condition diagrams, manual turning movement (full classification), traffic count data and relevant crash data, and related study correspondence. This may be done through retrieval of Illinois Traffic Crash Reports from local enforcement agencies as well as preparation of collision diagrams. ArcGIS skills will be needed to assist with crash data retrieval efforts. Also anticipated are traffic engineering analysis such as crash analysis, traffic signal warrant studies, barrier warrant analysis and sight distance studies to determine recommended improvements. Reviews may include intersections and roadway segments. If candidate safety improvement projects are developed from traffic studies, a cost estimate and benefit-cost analysis may be required for each candidate project to determine project eligibility for the annual Highway Safety Improvement Program (HSIP).

Work will include managing and completion of assigned traffic studies as well as manage and review traffic studies prepared under contract with various other consulting firms.

The department will furnish the Consultant with locations to be reviewed and traffic crash data compiled by the Division of Traffic Safety for most recent five (5) years. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

The Consultants Statement of Interest will be rated based on:

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

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual-in-charge of the day to day program management work (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Traffic Engineer, that individual-in-charge of the day to day traffic studies work (must be an Illinois Licensed Professional Engineer).
- The person who will perform the QC/QA review work for all milestones submittals (must be an Illinois Licensed Professional Engineer).

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

The Statement of Interest must also include the Consultant's relevant traffic study projects completed by the firm for IDOT within the past ten (10) years by the key staff members listed in the Statement of Interest. Do not include more than ten (10) completed applicable projects.

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

5. **Job No. D-91-043-21, Various Phase II Projects, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2021 at 1:30 PM** at the Region One/District One Office in **Schaumburg**.

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

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

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

The Consultants Statement of Interest will be rated based on:

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

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

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

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

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

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

Structures (Highway: Typical)

Highways (Roads and Streets)

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

6. **Job No. P-91-005-21, Various Phase I Studies, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 9, 2021 at 10:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase I engineering services are required for the preparation of various preliminary engineering and environmental studies throughout District One. The work may include new Phase I studies for intersections, small highway segments, bridges, and/or assisting the department in completing on-going Phase I studies and tasks. In addition, the work may include designing ADA/PROWAG compliant design details for resurfacing improvements to assist in expediting contract schedules. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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 Subconsultant 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 crash 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 and Staff, and report to the In-House Studies Unit Head. The Consultant may be expected to perform work in the district office as needed. The Consultant's work may include data collection, preparation of base maps and mosaics, geometric studies, safety studies including crash analyses, capacity analyses including intersection design studies, route and/or 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. 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 Consultant staff must be knowledgeable in ADA/PROWAG requirements and may be expected to assist the District with field data collection as well as manage, process, and monitor data collected and incorporate it into GIS and/or Illinois Roadway Inventory System (IRIS) compatible databases.

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

The Consultants Statement of Interest will be rated based on:

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

The cumulative construction cost of these projects is anticipated to be in excess of \$20,000,000. The estimated engineering fee for this project is \$2,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will perform the duties of Project Engineer and Project Manager, that individual in charge who is directly involved in the development of the work 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 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 preparing structural concepts (must be an Illinois Licensed Structural Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage and/or Hydraulic Reports (must be an Illinois Licensed Professional Engineer). The **Hydraulic Reports (Waterways: 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 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 person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified. The **Structures (Highway: Typical)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.

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

Highways (Roads and Streets)

Location Design Studies (Reconstruction/ Major Rehabilitation)

Special Studies (Location Drainage)

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

7. **Job No. D-91-042-21, Various Phase II Subsurface Utility Engineering Projects, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 8, 2021 at 10:00 AM** at the Region One/District One office in **Schaumburg**.

Subsurface Utility Engineering is required on approximately 40 to 60 projects throughout the district for use on Phase I, II, and/or III projects. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

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 costs. After the department gives the Consultant authority to proceed, the Consultant shall commence work within 10 calendar days. The subsurface utility engineering consists of 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 company's records, which have facilities in the area, and performing actual field surveys to verify and map at the appropriate quality level of all existing utilities on the assigned project. The Consultant shall also determine the existence, and appropriate surface geophysical methods (QL B data). The exact horizontal and vertical locations of underground utilities shall also be determined by actual physically locating them (exposing and surveying) at designated spots with use of compressed air vacuum equipment insured not to damage existing utilities (QL A data). Field information obtained and recorded in field books shall be drafted on plan sheets in electronic format using current MicroStation and Geopak software utilized by the department.

The department will furnish the Consultant with any available survey notes, alignment data, cross ties, design CADD files and benchmarks.

Utility Coordination & Permits Inspections

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, water and sewer work and inspection of issued utility permits, including the review of traffic control lane closures in accordance with departmental policies, procedures and specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	30
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	5

The estimated engineering fee for this project is \$4,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be experienced in managing multiple subsurface utility engineering projects in urban environments).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer).

The Consultant must provide the following in the Statement of Interest:

- Experience in researching the location of utilities, above and underground.
- Knowledge of the equipment/techniques necessary to locate the utilities.
 - Surface geophysical techniques, such as, electromagnetic, magnetic, sonic, etc.
 - Excavation by use of test holes using compressed air vacuum excavation or comparable non-destructive equipment (Hydro excavating is prohibited).
- The ability to provide staff and equipment for simultaneous projects at different locations.
- The ability to determine the extent the proposed roadway improvements impact the existing utilities.
- A project Manager and Project Engineer with adequate experience in managing subsurface utility engineering projects.

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 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. C-91-326-20, I-55 from River Rd to I&M Canal, Phase III Smart Overlay (Pavement Preservation) Project, Will County, Region One/District One.**

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 11, 2021 at 8:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering is required to provide construction inspection services for the improvement of I-55 from River Rd to I&M Canal - Smart Overlay (Pavement Preservation). Work includes, but is not limited to, SMART overlay project and the work to be performed under this contract consists of milling and resurfacing, HMA overlay, pavement patching with Class A and D, installation of shoulder rumble strips, and all incidental and collateral work necessary to complete the project described herein.

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

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

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

The Consultants Statement of Interest will be rated based on:

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

The anticipated construction completion date is November 15, 2021. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- Liaison Engineer.
- The Assistant Engineer.
- 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 Materials Coordinator.
- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing).
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified).
- The Survey Chief.

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

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

9. **Job No. MT-91-001-21, Phase III Various Quality Assurance Testing, Various Routes, Various Counties, Region One/District One.**

This project requires **32% 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 **February 3, 2021 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to perform pavement investigation in the District. Services and responsibilities include pavement coring, evaluation and laboratory testing. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Consultant's work includes all management, layout, provisions for traffic control, coring, laboratory testing, and report preparation necessary for Transportation Asset Management Program (TAMP).

At the negotiation meeting, the Prime Consultant and Subconsultants(s) will disclose all previous involvement in the district as well as 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	22
Proposed DBE use	5
Available work capacity of firm	20
The Firms experience with required project work	18
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.
- The person who will perform the QC/QA review work of all milestone submittal documents.
- The person(s) who will be in charge of QA Lab and Field Testing.

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

Special Services (Quality Assurance HMA & Aggregate)

Special Services (Quality Assurance PCC & Aggregate)

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).

10. **Job No. D-91-045-21, Various Moveable Bridges over the Des Plaines River in the Joliet Area, Phase II Engineering Services, Will County, Region One/District One.**

This project may contain **Federal Funds**.

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 **0.07**.

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 **February 4, 2021 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for aiding in the construction of the remote bridge operation facilities for six movable bridges over the Des Plaines River in and around downtown Joliet.

The Consultant's work may consist of reviewing requests for information from Construction staff and shop drawings, preparing plans, specifications, and estimates to current standards for the repair and/or installation of facilities to enable remote bridge operation. The proposed improvement also consists of other bridge rehabilitation as needed including repairs to the electrical and mechanical facilities.

The Consultant may also need to perform various investigations and analyses, supplemental surveys, create or revise detailed plans showing the installation of control equipment at each of the bridges, communications infrastructure to interconnect the bridges and Movable Bridge office, and new infrastructure and equipment at the Movable Bridge office to enable remote bridge operation, and all other incidental work required to complete or revise Phase II contract plans and aid in the construction of the project.

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

The following structures are included in this project:

- S.N. 099-0239: Jackson St.
- S.N. 099-0101: Cass St – US 30 Westbound
- S.N. 099-0166: Jefferson St. – US 30 Eastbound
- S.N. 099-9901: Ruby St. – IL 53
- S.N. 099-9903: Brandon Rd.
- S.N. 099-9904: McDonough St., US 6, US 52

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

The Consultants Statement of Interest will be rated based on:

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

The current construction cost for this project is \$21,260,735. The completion date for this contract will be 18 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of Electrical Engineering (must be an Illinois Licensed Professional Engineer). The **Special Services (Electrical Engineering)** 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 Mechanical Engineering (must be an Illinois Licensed Professional Engineer). The **Special Studies (Mechanical)** 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 **Structures (Moveable)** category to be considered for this project.

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

11. **Job No. P-92-010-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Two.**

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 **February 9, 2021 at 10:30 AM** at the Region Two/District Two Office in **Dixon**.

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

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

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

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

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

The 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 \$1,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

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

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

12. **Job No. P-92-080-12, Reconstruction of IL 92 from IL 84 (N) in Silvis to 48TH Street in Moline, Phase I, Rock Island County, Region Two/District Two.**

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2021, at 10:30 AM** at the Region Two/District Two Office in **Dixon**.

Phase I engineering services are required for the preparation of a Project Report (anticipated to be a categorical exclusion) for the reconstruction of IL 92 from approximately IL 84 (N) in Silvis to 48th Street in Moline. The work may include pavement reconstruction, Environmental Survey Requests (ESR), traffic management analysis, geotechnical and structural engineering services, which may include retaining walls, preparation of SGR's and a retaining wall-type study. Evaluate several proposed intersection reconfigurations at IL 92 and 1st St./55th St. and IL 92 and Archer Dr., realignment of horizontal and vertical profiles, intersection improvements, storm sewer design, address drainage concerns, bicycle and pedestrian accommodations (multi-use path per Complete Streets Policy), identify utility conflicts and relocation along with Subsurface Utility Engineering (SUE) investigations, ADA improvements and Bus Stop - Public Transit coordination and design, culvert rehabilitation, crash analysis, minimize impacts to properties of historical significance, traffic signals, lighting and landscape plans, prepare Right-of-Way (ROW) documents and related material. This project is expected to include public involvement activities that may include Virtual and In-Person meetings, stakeholder/cooperating agencies meetings and the preparation of exhibits for these meetings. A website will be needed along with updates while the project progresses.

This project is anticipated to be completed using 3D modeling utilizing Bentley's OpenRoads Designer CONNECT Edition version 10.08.01.33 (or current IDOT CADD software) and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual. IDOT's OpenRoads Designer CADD environment was released April 10th, 2020.

The following structure may be included in this project, S.N. 081-2014: IL 92 (double 11' x 5' culvert) over an unnamed drainage ditch, 0.02 M. east of Archer Drive, anticipated to be rehabilitated.

The department will furnish the Consultant with any available as-built/existing plans, microfilm plans, approved hydraulic reports, inspection reports, traffic data, soils boring data, crash data, and any other available information.

The Consultant will ensure that all plans are within the framework of the department's policies and procedures, local agencies' requirements and other requirements of cooperating and permitting bodies.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	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	25

The estimated construction cost for this project is \$40,000,000. The completion date for this contract will be 30 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 may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Professional Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by 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 (Structural Geotechnical Report (SGR))** prequalification category 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). The **Special Studies (Location Drainage)** and **Hydraulic Reports (Waterway: Typical)** prequalification category may be completed by the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

- The person in charge of Public Involvement procedures. Include a detailed description of Public Involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; drafting press releases and property owner contact letters, exhibits and displays, etc. The Public Involvement requirement may be completed by the Sub and/or Prime Consultant.

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

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

13. **Job No. C-92-020-20, FAP 301 (US 20) from Falconer Road to Simpson Road in Rockford, Phase III, Winnebago County, Region Two/ District Two.**

This project may contain **Federal Funds**.

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

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

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 **February 4, 2021 at 10:00 AM** at the Region Two/District Two Office in **Dixon**.

Phase III engineering services are required to provide construction inspection for the cold milling and Hot-Mix Asphalt resurfacing on US20 from Falconer Road to Simpson Road in Rockford. Work includes, but is not limited to, construction inspection of milling, patching, and resurfacing.

The Consultant will provide sufficient staff to perform all engineering services required to complete this project. The project may include the inspection and documentation of pay quantities, Construction & Materials Management System (CMMS) documentation, on-site quality assurance material testing, nighttime inspection as needed, and all other work required to complete the project. The Consultant will be responsible for the completion of the work in accordance with the plans and specifications. The department is anticipating approximately four inspectors may be necessary for this project.

The Consultant will also provide their vehicles, cell phones, computers, tools of the trade, and any 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 are prohibited. At the negotiation meeting, the Prime Consultant and Subconsultant(s) will disclose all current relationships with contractors.

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

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

The estimated construction cost for this project is \$14,500,000. The Consultant will be required to complete and submit final measurements, calculations, and contract record documents to the department no later than five (5) weeks after the completion of the project. The completion date for this project will be 18 months after authorization to proceed.

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

- The Liaison Engineer who will assume duties as Project Manager for all aspects of the work.
- 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 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. P-92-058-20/D-92-016-20, Reconstruction of the Belvidere Bypass (US 20 BUS) from State St. to US 20, Phase I and II Engineering in Belvidere, Boone County, Region Two/District Two.**

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 10, 2021, at 10:00 AM** at the Region Two/District Two Office in **Dixon**.

Phase I and II engineering services may be required for the preparation of a Combined Design Report with a Re-evaluation of the Environmental Assessment (EA) document and preparation of Phase II contract plans for the reconstruction, widening and resurfacing of approximately 4.5 miles of two-lane roadway of US 20 BR from State Street to US 20 in Belvidere. This work may include pavement reconstruction, widening, adding traffic lanes, resurfacing, intersection improvements, re-ditching through the entire project, culvert and bridge replacement/rehabilitation/extending, TSLs, storm sewer design, hydraulic reports, geometric improvements, ADA design, evaluating pedestrian/bike paths, realignment of curves and profiles, public involvement meeting(s) that may be Virtual or In-Person, SUE investigations, crash analysis, bicycle and pedestrian accommodations (multi-use path per Complete Streets Policy), utility conflicts and relocations, survey, coordination with resource agencies and special interest groups, railroad bridge design, environmental impacts, minimizing impacts to properties of historical significance, 4(f) Reports, Section 106 Reports, noise analysis, cost estimates, Incidental Take Authorization (ITA), providing website updates, and geotechnical investigations.

In addition, a Value Engineering (VE) study will need to be completed by a VE team that is led by an Illinois Professional Engineer with experience in roadway and bridge design and carries the designation of a certified value engineer specialist. The VE team shall only include staff that is not working directly on this project. This project is anticipated to be completed using 3D modeling utilizing Bentley's OpenRoads Designer CONNECT Edition version 10.08.01.33 (or current IDOT CADD software) and in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual. IDOT's OpenRoads Designer CADD environment was released April 10th, 2020.

Phase I may include the preparation of a Combined Design Report, EA Re-Evaluation, Noise Analysis and Technical Memo, Incidental Take Authorization (ITA), Traffic Management Analysis (TMA), review and or preparation of Bridge Condition Reports (BCRs), hydraulic reports, crash analysis, Type, Size and Location (TSL) drawings, cost estimates, pavement design, cross sections, queue and delay analysis, and typical sections, surveys, geotechnical engineering services, SGRs, preparation of ROW documents and related material. Coordination with other agencies is anticipated with this project.

Phase II may include the preparation of detailed contract plans and all associated material, TSL drawings, structure plans, roadway plans, typical sections, drainage plans, cross sections, special details, special provisions; quantities, cost estimates, estimate of time, Traffic Management Plan (TMP), traffic signal design, prepare PESA Response submittal, geotechnical engineering

services, the preparation of SGRs and all other incidental work required to complete the project. Coordination with other agencies is anticipated with this project.

The following structures may be included:

- S.N. 004-0013 (Ex.): US BUS 20/Kishwaukee River at E. edge of Belvidere
- S.N. 004-0014 (Ex.): Chicago and North Western Railroad (RR overpass, E. edge of Belvidere)
- S.N. 004-0015 (Ex.): Poplar Grove Road over US BUS 20, NE of Belvidere
- S.N. 004-1015 (Ex.): US BUS 20/cattle crossing, 0.14 Mi. N. of Lawrenceville Rd
- S.N. 004-1231 (Ex.): US BUS 20/drainage ditch, 0.33 Mi. N. of Logan Ave
- S.N. 004-1232 (Ex.): US BUS 20/drainage ditch, 0.32 Mi. N. of Logan Ave
- S.N. 004-1235 (Ex.): US BUS 20/drainage ditch, 0.01 Mi. E. of McKinley Rd
- S.N. 004-1236 (Ex.): US BUS 20/drainage ditch, 0.11 Mi. E. of IL 76

The department will furnish the Consultant with any available as-built/existing plans, microfilm plans, approved hydraulic reports, inspection reports, traffic data, soils boring data, approved BRC's, and any other available information. The department will also furnish the Consultant with alignment data, title reports, and right-of-way information when available.

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

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 this project is \$35,750,000. The completion date for this contract will be 60 months after authorization to proceed. A planned supplement for Phase II will be done near the completion of Phase I.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the support staff performing this work must be engineers with degrees in civil engineering and bridge design experience.

- The person who will be in charge of surveys (must be an Illinois Licensed Professional Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person 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 (Structure Geotechnical Reports (SGR))** prequalification category 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, pump station, storm sewer and bridges (must be an Illinois Licensed Professional Engineer). The **Hydraulic Reports (Waterways: Typical)** prequalification category may be completed by the Sub and/or Prime Consultant.
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified. The **Structures (Highway: Typical)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

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 Prequalification and Agreement System (EPAS).

15. **Job No. V-92-003-20, Various Phase III Projects, Various Routes, Various Counties, Region Two/District Two.**

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

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

The Consultant who is selected for this project and all subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2021 at 10:30 AM** at the Region Two/District Two Office in **Dixon**.

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

The Consultant will provide sufficient staff to perform all the engineering services required to complete these projects. The project may include the inspection and documentation of pay quantities, 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 project. The Consultant will be responsible to ensure that contractors complete the work in accordance with the plans and specifications.

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

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

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

The 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 estimated construction costs for these projects may range from \$200,000 to \$30,000,000. The estimated engineering fee for this project is \$500,000. The Consultant will be required to

complete and submit final measurements, calculations, and contract record documents to the department no later than five (5) weeks after completion of the project. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

16. **Job No. C-93-069-19, I-57 over Grinnell Road and Norfolk Southern Railway, Phase III Project, Kankakee County, Region Two/District Three.**

This project may contain **Federal Funds**.

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

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

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 **February 4, 2021 at 1:00 PM** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for the removal and replacement of existing structures of I-57 over Grinnell Road and Norfolk Southern Railway in Kankakee County. The approaching roadway will also be reconstructed and reprofiled to accommodate added vertical clearances for both railroad and Grinnell Road and to meet the IL 17 interchange project to the south. Stage I of the project involves crossing traffic over to have head-to-head traffic utilizing the southbound lanes while both northbound structures and pavement are reconstructed. Stage II will involve crossing traffic over utilizing the newly reconstructed northbound lanes while similar reconstruction is done on the southbound structures and pavement. The anticipated schedule is to complete Stage I in 2021 and Stage II in 2022. The project does include a completion date of late May 2023 for all work.

The Consultant will perform on-site inspection, provide construction staking/layout when not provided for in the contract plans, verify construction staking/layout, provide on-site geotechnical and on-site material inspection, prepare records, maintain documentation, and any other duties that would require the services of an engineer to complete this project in a timely basis and in accordance with State Specifications. All on-site material testing will be with IDOT equipment. Laboratory testing of materials will not be required.

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

The Consultant will be asked to furnish a registered IL PE or an approved non-licensed engineering technician to act as Assistant Resident Engineer (ARE) or inspector on these projects. The Consultant is expected to perform on site inspection, engineering layout, and verification of contractor staking, maintain documentation, submit pay estimates, change orders, and any other duties required to complete these projects on a timely basis and in accordance with the State Specifications and guidelines. The ARE should be knowledgeable in the use of the department's documentation tracking system Construction & Materials Management System (CMMS). The Consultant shall provide vehicles and equipment necessary to perform inspections.

The following structures are included in this project:

- S.N. 046-0008 NB & 046-009 SB: I-57 over Norfolk Southern Railway and the Grinnell Ditch
- S.N. 046-0010 NB & 046-0011 SB: I-57 over Grinnell Road

The department will furnish the Consultant with Plans and Specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weight %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	7
Proposed DBE Use	3
The Firms experience with required project	25
Firms understanding/method of accomplishing project requirements	10

The anticipated construction completion date is May 25, 2023. The Consultant must complete and submit final measurements, calculations and final contract record documents to the department no later than six (6) weeks after completion of this project.

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

- The Assistant Resident Engineer (minimum ten (10) years' experience as a Resident Engineer is desired). A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of bridge construction, Hot Mix Asphalt, and Portland Cement Concrete (PCC) are required.
- The Inspectors (two (2) to three (3) individuals to perform on-site inspection, survey and QA inspection.) A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of bridge construction, Hot Mix Asphalt (HMA), and Portland Cement Concrete (PCC) are required.

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

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

17. **Job No. C-93-047-20, IL 47 over I-55 in Dwight, Phase III Project, Grundy County, Region Two/District Three.**

This project may contain **Federal Funds**.

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

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

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 **February 4, 2021 at 10:00 AM** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for the structure replacement of S.N. 032-0079: IL 47 over I-55 at the Dwight interchange. The project also includes IL 47 pavement reconstruction from Northbrook Avenue to the south abutment of the replaced structure. The project is expected to last one construction season.

The Consultant will perform on-site inspection, provide construction staking/layout when not provided for in the contract plans, verify construction staking/layout, provide on-site geotechnical and on-site material inspection, prepare records, maintain documentation, and any other duties that would require the services of an engineer to complete this project in a timely basis and in accordance with State Specifications. All on-site material testing will be with IDOT equipment. Laboratory testing of materials will not be required.

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

The Consultant will be asked to furnish a registered IL PE or an approved non-licensed engineering technician to act as Assistant Resident Engineer (ARE) or inspector on this project. The Consultant is expected to perform onsite inspection, engineering layout, and verification of contractor staking, maintain documentation, submit pay estimates, change orders, and any other duties required to complete these projects on a timely basis and in accordance with the State Specifications and guidelines. The ARE should be knowledgeable in the use of the department's documentation tracking system Construction & Materials Management System (CMMS). The Consultant shall provide vehicles and equipment necessary to perform inspections.

The department will furnish the Consultant with Plans and Specifications.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weight %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	7
Proposed DBE Use	3
The Firms experience with required project	25
Firms understanding/method of accomplishing project requirements	10

The anticipated construction completion date is June 30, 2022. The Consultant must complete and submit final measurements, calculations and final contract record documents to the department no later than six (6) weeks after completion of this project.

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

- The Assistant Resident Engineer (minimum ten (10) years' experience as a Resident Engineer is desired). A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of bridge construction, Hot Mix Asphalt, and Portland Cement Concrete (PCC) are required.
- The Inspectors (two (2) to three (3) individuals to perform on-site inspection, survey and QA inspection.) A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of bridge construction, Hot Mix Asphalt (HMA), and Portland Cement Concrete (PCC) are required.

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

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

18. **Job No. P-94-004-21, Various Phase I/II Engineer Projects, Various Routes, Various Counties, Region Three/District Four.**

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

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

The Consultant who is selected for this project and all subconsultants the Prime consultant will be using is scheduled to attend an initial meeting on **February 4, 2021 at 10:30 AM** at the Region Three/District Four Office in **Peoria**.

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

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

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

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

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

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

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

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Structures (Highways: Typical)

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

19. **Job No. C-95-049-18, I-74/I-57 Interchange Reconstruction Project, Phase III Construction Inspection, Champaign County, Region Three/District Five.**

This project may contain **Federal Funds**.

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

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

The Consultant selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **March 2, 2021 at 10:00 AM** at the Region Three/District Five Office in **Paris**.

Phase III engineering services are required for construction inspection, supervision, construction layout, material testing, and record maintenance. Work includes, but not limited to, earthwork, pavement reconstruction, precast concrete pipe and drainage structures, precast prestressed beams, various types of ramp construction, removal of existing 4-span bridges and replacement with 2-span structures, noise abatement wall, lighting, landscaping and safety improvements. Any and all incidental and collateral work necessary to complete the reconstruction and reconfiguration of the I-74 over I-57 interchange west of Champaign, IL.

The following structures are included in this project:

- S.N. 010-1001: Ramp E over I-74/I-57
- S.N. 010-1002: Ramp G over Ramp F
- S.N. 010-1003: Ramp G over Ramp F
- S.N. 010-1004: Ramp D over I-74/I-57
- S.N. 010-1005: Ramp B over Ramp C
- S.N. 010-1006: Ramp B over Ramp C
- S.N. 010-1018 (WB): I-74 bridge over I-57
- S.N. 010-1019 (EB): I-74 bridge over I-57
- S.N. 010-2043: I-74 over Copper Slough
- S.N. 010-2044: I-57 over Copper Slough
- S.N. 010-8174: I-57 over Ditch
- S.N. 010-8172: I-74 over Ditch
- S.N. 010-8173: I-74 over Ditch

The department will furnish the Consultant with the construction plans and specifications. Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their Subconsultants on the same project or on material coming in from the same plant 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 to avoid any conflict of interest.

The department will provide a Resident Engineer to direct the Contractor and to complete pay estimates and change orders. The Resident Engineer will direct/coordinate the activities of the consultant staff. The Consultant may be required to furnish a liaison Resident Engineer to work directly with the IDOT Resident Engineer and provide a staff to perform the engineering services required for this project or provide staff to supplement the department's staff. The Consultant's work force shall be adequate to allow completion of these projects in a timely manner and in accordance with the department's Standard Specifications for Road and Bridge Construction. The

Consultant may be required to furnish all the construction supervision, engineering layout, on-site inspection, maintenance of records and documentation, and perform other duties as directed by the engineer.

The Consultant's work includes, but is not limited to, providing vehicles and the appropriate test equipment necessary to assist in perform on-site inspection, and provide construction layout 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 provide tools of the trade. These tools will include an office computer system capable of running the department's Construction & Materials Management System (CMMS) software and a rover for GPS surveying. The Consultant will perform on-site inspection, construction 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 the department's Standard Specifications for Road and Bridge Construction.

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 anticipated construction completion date is December 31, 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:

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred) who has experience and workable knowledge in the area of bridge construction. In addition will be responsible for supervising the Consultant's staff inspection, testing and documentation of the project, including but not limited to, compiling and maintaining construction survey books, transferring data from survey controller to various devices, performing computations, completing field reports, generating progress and final estimates, engineering layout, maintaining records and other duties as directed by the Resident Engineer. All records, including one set of prints showing recorded changes form the contract plans, will be submitted to the Resident Engineer and become the property of the department.
- The Document Technician - The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT. If selected this individual will be required to obtain Construction & Materials Management System (CMMS) training.

- The Construction/Materials Inspector/Tester – one (1) to ten (10) individuals to perform onsite inspection, survey, and QA inspection.) Must be capable of performing geometric and physical layout. Must have experience and a working knowledge in the area of Hot Mixed Asphalt (HMA), Portland Cement Concrete (PCC), and Soils testing are highly desirable. All personnel performing materials field testing for PCC, HMA, and Soils testing must possess the most up-to-date certifications. 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 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. P-95-053-20, US 150/Morrissey Dr from Oakland Ave to Veterans Pkwy in Bloomington, Phase I/II Rehabilitation 3R Designed Overlay and ADA Improvements, McLean County, Region Three/District Five.**

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2021 at 10:00 AM** at the Region Three/District Five Office in **Paris**.

Phase I and II engineering services are required for the preparation of a project report (anticipated to be a categorical exclusion) and final contract plans, specifications, and cost estimates for the 3R Designed Overlay Resurfacing, Intersection Improvements, ADA improvements, new curb and gutter, and drainage improvements on US 150 (Morrissey Dr) from Oakland Ave to Veterans Pkwy in Bloomington.

Phase I work may consist of a drainage study that looks at the effects of proposed improvements and design of a multi-use path to determine if the existing drainage is adequate; subsurface utility engineering; geometric studies; access management study; traffic signals report; traffic engineering study; preparing exhibits for public involvement; and preparing a project report. This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, traffic management plans, accident analysis, quantity computations, and other related work items required to produce a project report.

Phase II work may consist of conducting route surveys; right of way plat and plan preparation; writing legal descriptions; staking right of way; hydraulic analysis; roadway plans; ADA improvement plans; drainage plans; and any other related work required to complete final plans, 3D Model, special provisions, and estimates.

The department will furnish the Consultant with traffic data, existing plans, agency coordination, utility coordination, environmental coordination, program costs and estimates, pavement cores, survey data, Microstation files, Geopak files, and accident data.

The Consultants Statement of Interest will be rated based on:

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

The estimated construction cost for this project is \$2,245,000. The project is tentatively set for a January 2024 Letting. The completion date for this contract will be 60 months after authorization to proceed. A planned Supplement for Phase II will be done near the completion of Phase I.

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

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

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)

Special Studies (Location Drainage)

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

21. **Job No. P-95-001-19, US 51BUS from US 51 Byp (N) to US 51 Byp (S) in Clinton, Phase I/II 3P Resurfacing, Standard Overlay, and ADA Improvements, DeWitt County, Region Three/District Five.**

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2021 at 8:30 AM** at the Region Three/District Five Office in **Paris**.

Phase I and II engineering services are required for the preparation of a project report (anticipated to be a categorical exclusion) and final contract plans, specifications, and cost estimates for the 3P Policy Resurfacing, ADA improvements, new curb and gutter, drainage improvements, and traffic signal modernization on, FAP 708 (US 51BUS) from US 51 Byp (N) to US 51 Byp (S) in Clinton.

Phase I work may consist of a drainage study that looks at the effects of the roadway improvements to determine if the existing drainage is adequate; subsurface utility engineering; geometric studies; access management study; traffic signals report; traffic engineering study; preparing exhibits for public involvement; and preparing a project report. This work may include data collection; cost estimates; traffic management analysis; traffic management plans; accident analysis; quantity computations; and other related work items required to produce a project report.

Phase II work may consist of conducting route surveys; right of way plat and plan preparation; writing legal descriptions; staking right of way; hydraulic analysis; roadway plans; ADA improvement plans; drainage plans; and any other related work required to complete final plans, 3D Model, special provisions, and estimates.

The department will furnish the Consultant with traffic data, existing plans, agency coordination, utility coordination, environmental coordination, program costs and estimates, pavement cores, survey data, Microstation files, Geopak files, and accident data.

The Consultants Statement of Interest will be rated based on:

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

The estimated construction cost for this project is \$2,860,000. The project is tentatively set for a January 2024 Letting. The completion date for this contract will be 60 months after authorization to proceed. A planned Supplement for Phase II will be done near the completion of Phase I.

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

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

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

Highways (Roads and Streets)

Location Studies (Rehabilitation)

Special Studies (Location Drainage)

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

22. **Job No. P-95-055-20, US 45 from I-57 at Pesotum to US 36 at Tuscola, Phase I/II Rehabilitation Project, Douglas and Champaign County, Region Three/District Five.**

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 4, 2021 at 10:30 AM** at the Region Three/District Five Office in **Paris**.

Phase I and II engineering services are required for the preparation of a project report and final contract plans, specifications, and cost estimates for 3R Designed Overlay and Culvert Replacement project on FAP 804/FAS 1671 (US 45) from I-57 at Pesotum to US 36 at Tuscola. Anticipated improvements may include raising the roadway profile, roadway widening, resurfacing, culvert replacements, drainage improvements, bridge repairs at S.N. 021-0012, and safety improvements.

The Consultant's Phase I work, if required, may consist of preparing a Drainage Study and a Project Report. This work may include data collection, cost estimates, traffic management analysis, crash analysis, quantity computations, preliminary plan sheets, preliminary cross-sections, and other related work items required to produce a project report.

The Consultant's Phase II work, if required, may consist of ROW plats and plans, roadway plans and any other related work required to complete final plans, special provisions, 3D Model, and estimates as necessary.

The department will furnish the Consultant with traffic data, crash data, existing plans, environmental coordination, utility coordination, survey data, Microstation files, Geopak files, inspection reports, and crash data when available.

The Consultants Statement of Interest will be rated based on:

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

The estimated construction cost for this project is \$11,000,000. The project is tentatively set for a January 2025 Letting. The completion date for this contract will be 60 months after authorization to proceed. A planned Supplement for Phase II will be done near the completion of Phase I.

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

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

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

Location Design Studies (Rehabilitation)

Highways (Roads and Streets)

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

23. Job No. P-96-013-20, 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 **February 4, 2021** at **1:30 PM** in the Region Four/District Six Office in **Springfield**.

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

Phase I work, if required, may consist of conducting route surveys, hydraulic surveys, hydraulic analysis, geometric studies, preparing Bridge Condition Reports, Hydraulic Reports, Structure Geotechnical Reports (SGR's), Type, Size and Location (TS&L) plans, Intersection Design Studies (IDS's), and Project Reports (categorical exclusion projects only). This work may include data collection, development of alignment alternatives, cost estimates, traffic management analysis, accident analysis, geometric studies, traffic studies, drainage studies, geotechnical analysis, 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 analysis, drainage, temporary and permanent erosion control plans, roadway plans, traffic staging plans, geometric plans, traffic signal design plans, highway lighting plans, structure plans, geotechnical analysis, plats and legal descriptions for Right-of-Way acquisition, and any other related work required to complete plans, specifications and estimates as necessary.

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

The various proposed projects may consist of ADA curb ramp improvements, simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, accident statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, and other information.

In addition, the Consultant may be required to provide project management and/or project support staff to work in the District Six office. 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.

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 costs of these projects may range from \$100,000 to \$3,000,000. It is anticipated that this contract will include approximately five (5) to fifteen (15) different projects. The engineering services required may consist of only a portion of the total engineering work on a certain project. 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 contract must include:

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in charge of land acquisition documents (must be an Illinois Licensed Professional Land Surveyor). The person who will perform/supervise the work in the area of hydraulic analysis (must be an Illinois Licensed Professional Engineer).
- The **Hydraulic Reports (Waterways: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of Highway Lighting preparation documents (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Typical)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

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

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

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).

24. Job No. V-97-002-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Four/District Seven.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 2, 2021 at 10:00 PM** at the Region Four/District Seven Office in **Effingham**.

Phase III engineering services are required to provide assistance in construction inspection services for construction projects throughout District 7. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant will be required to furnish one (1) to six (6) qualified staff as approved by the District to assist District Resident Engineers/Technicians in performing the required construction inspection, materials inspection, layout, prepare records, maintain documentation, provide general assistance as a member of a field crew and other duties to allow the timely completion of projects in accordance with state specifications. Projects requiring staffing may include, but not limited to, District wide patching and resurfacing contracts, or specific bridge projects, or urban rehabilitation projects.

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

The department will furnish the construction plans and specifications and equipment needed to test material. The Consultant's work includes providing staff, vehicles, and appropriate equipment necessary to complete this project. The Consultants staff may be required to be on travel status.

The Consultant may be required to furnish a laptop computer and/or tablet with cellular capabilities equal to the latest type used by the District for each inspector. The laptop computer and/or tablet will be used, but not limited to, for the documentation requirements in IDOT's Construction and Materials Management System (CMMS). CMMS is a web-based contract administration system. The CMMS software will be provided for downloading on the Consultant's computer(s).

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 \$500,000. It is anticipated that this contract will include approximately three (3) to fifteen (15) different projects. 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:

- Construction and Materials inspectors with Experience and workable knowledge of IDOT inspection duties and requirements, capable of performing geometric and physical construction layout of projects, certified in current IDOT Construction Documentation.

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

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

25. Job No. P-97-098-20, Various Phase I/II Projects, Various Routes, Various Counties, Region Four/District Seven.

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 **February 3, 2021** at **1:00 PM** in the Region Four/District Seven Office in **Effingham**.

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

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

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

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

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

The Consultants Statement of Interest will be rated based on:

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

The estimated construction costs of each project may range from \$100,000 to \$5,000,000. It is anticipated that this contract will include approximately three (3) to fifteen (15) different projects (work orders). The engineering services required may consist of only a portion of the total engineering work on a certain project.

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

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

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

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Hydraulic Reports (Waterways: Typical)

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

26. **Job No. D-98-042-21, Various Phase II Land Surveying Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

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

The Consultant who is selected for this project, and all Subconsultants the Prime Consultant will be using, are scheduled to attend an initial meeting on **February 11, 2021 at 1:00 PM** at the Region Five/District Eight Office in **Collinsville**.

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

The Consultant's work is anticipated to consist of performing land surveying services for Land Acquisition projects. This may include land surveying to reference the highway centerline to public land lines, land surveying to locate boundaries, record research, preparation and recording of monument records, preparation of legal descriptions, preparation of Freeway Orders, preparation of various plats and maps including: Statutory Plat of Highways, existing right of way survey plats or maps, centerline plats, corridor protection maps and excess right of way parcel plats. The Consultant's work may include right of way staking and designing proposed right of way for acquisition. The work performed shall comply with the department's Land Acquisition Manual and with District Eight's standards, guidelines and procedures.

The Consultant's work may include performing route surveys, hydraulic surveys, topographic survey, and horizontal and vertical control surveys for highway design projects in District Eight. The work performed must comply with the department's and District's standards and guidelines.

The Consultant's work may also include performing land surveying services to assist the District Eight Plats and Plans Unit. This may include work as a Land Survey Project Manager, which would consist of the management and review of right of way survey projects as prepared by other Consultants for the department. Land Survey Project Manager duties may require work at the District office. The Consultant's work may also include providing other technical support, as-needed, to assist the Plats and Plans Unit at the District Office.

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

The department will provide alignment data, title commitments, former construction plans, existing right of way information and proposed right of way requirements for each project, when available.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
The Firms experience with required project work	30
Firms understanding/method of accomplishing project requirements	20

The estimated engineering fee for this project is \$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 the project manager for all aspects of the work documents (must be a licensed Illinois Professional Land Surveyor).
- The person who will be in direct supervision and control of the land survey work (must be a licensed Illinois Professional Land Surveyor).
- The person who will perform the QC/QA review work of all milestone submittal documents (must be a licensed Illinois Professional Land Surveyor with adequate experience).
- The person who the firm plans to assign as the Land Survey Project Manager to manage and review consultant prepared projects (must be an Illinois Licensed Professional Land Surveyor). This person must be experienced in the use of Microstation/Power Geopak and the preparation of Plat of Highways and legal descriptions for District Eight.

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

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

27. Job No. P-98-014-21, Various Phase I/II Land Surveying Projects , Various Routes, Various Counties, Region Five/District Eight.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 26, 2021 at 10:00 AM** at the Region Five/District Eight Office in **Collinsville**.

Engineering services are required for performing topographic surveys and hydraulic surveys throughout District 8. The Consultant’s work may include land surveying to establish the existing centerline alignment for projects, land surveying to measure and record all topographic features along specific routes, land surveying to create three dimensional models for highway design projects, land surveying to monument, preserve and restore important land survey monuments and land surveying to locate right of way, record research, preparation of, and recording of monument records. The Consultant’s work may include staking out the existing centerline alignment, as well as performing horizontal and vertical control surveys for highway design projects. The Consultant’s work may also include performing floodplain cross sections, streambed profiles, waterway opening sketches, roadway profiles and other tasks necessary to complete hydraulic reports. The Consultant selected for this project shall be required to process their field data and submit their data in an electronic format while adhering to all IDOT’s standards. The Consultant selected for this project shall be required to use IDOT’s Point Code Listing while conducting the field survey and shall be required to submit all original field notes upon completion of said surveys.

Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units.

The department will provide alignment information and horizontal and vertical control (if applicable), existing microfilm information and general survey requirements for each project.

The Consultants statement of interest will be rated based on:

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

It is anticipated this contract will include approximately ten (10) to twenty (20) surveys. The estimated engineering fee for this project is \$750,000. The completion date for this contract will be 48 months after authorization to proceed.

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

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

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

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

28. **Job No. V-98-002-21, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

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

The Consultant who is selected for this project and all Subconsultants who the Prime Consultant will be using are scheduled to attend an initial meeting on **February 4, 2021 at 10:00 AM** in the Region Five/District Eight office in **Collinsville**.

Phase III engineering services are required for construction inspection, supervision, engineering layout, material testing, and record maintenance in District eight for various contracts at various locations in Greene, Jersey, Calhoun, Madison, Bond, Clinton, Marion, Monroe, Randolph, St. Clair and Washington counties. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. All work for this project may be in either English or metric units. The department will furnish the Consultant with the construction plans and specifications.

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

The Consultant will provide tools of the trade. The Consultant will perform on-site inspection and provide construction layout as directed by the engineer. The Consultant will also maintain records and documentation and perform any other duties as directed by the engineer to complete this project on a timely basis in accordance with the department's Standard Specifications for Road and Bridge Construction.

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

It is anticipated that one or more persons from the Consultant will be required to conduct his/her work at construction job sites located within the boundaries of District Eight between three (3) – six (6) days per week.

Since the Contractor for this project may employ a firm to perform field and laboratory inspection of materials, the Consultant and any Subconsultant firm employed by the Consultant for this project will be excluded from employment as a subcontractor for the Contractor. In this way, a conflict of interest will be avoided.

The Consultants Statement of Interest will be rated based on:

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

The estimated construction cost of these projects may range from \$750,000 to \$7,500,000. The Consultant must complete and submit final measurements, calculations, and contract record documentation to the department no later than six (6) weeks after completion of each project as required. The various projects are scheduled for construction during the 2021 thru 2026 construction seasons.

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 Liaison Engineer will be responsible for supervising the consultant's staff inspection, testing and documentation of the project, including but not limited to, compiling and maintaining construction survey books, performing computations, completing field reports, generating progress and final estimates, engineering layout, maintaining records and other duties as directed by the Resident Engineer. All records, including one set of prints showing recorded changes from the contract plans, will be submitted to the Resident Engineer and become the property of the department.
- The Materials Coordinator will have qualified QC/QA engineers and inspectors at the site of the construction section, as well as off-site plants and locations, at all times when required by the contractor's operations, so that adequate sampling for inspection and testing can be performed in a timely manner on each contract item to determine acceptance of the work in compliance with the contract plans and specifications and the standard practices of the department.
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for Documentation of Contract Quantities).

The names and resumes of liaison Resident Engineers, technicians, materials coordinators, nuclear density inspectors, concrete/bituminous proportioning technicians, inspectors, and documentation technicians are to be furnished with the proposal. Certification that the documentation technicians have successfully completed the IDOT documentation course is to be furnished. Resumes for materials coordinators and proportioning technicians are to include specific details of aggregate source certification, bituminous, and/or PCC QC/QA training, and details of past experience with materials inspection. Resumes for the nuclear density inspectors are to include evidence of appropriate QC/QA density training.

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

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

29. **Job No. P-98-015-21, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

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

The Consultant who is selected for this project, and all Subconsultants the Prime Consultant will be using, are scheduled to attend an initial meeting on **February 2, 2021 at 10:00 AM** at the Region Five/District Eight Office in **Collinsville**.

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

Phase I work, if required, may consist of conducting 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 Geotechnical Reports, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, crash analysis, 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.

In addition, Work Orders may include public involvement and/or may be entirely made up of public involvement tasks on one or more projects District staff is developing. Public involvement may include coordinating and leading stakeholder meetings, public informational meetings and public hearings, preparing exhibits for meetings and hearings, Context Sensitive Solutions (CSS) duties and evaluating and incorporating comments from those meetings into a report.

Phase II work, if required, may consist of geometric studies, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.

All work prepared by the Consultant must be compatible with department software and readily duplicated on department hardware. All files produced during the course of this contract are the property of the department and must be provided in the appropriate electronic format for the department's files and for possible future use.

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

The department will furnish the Consultant with any available as-built plans, microfilm plans, field notes, traffic data, crash statistics, agency coordination, existing right-of-way plans, aerial photos, boring logs, location design reports, and other information deemed applicable to the Consultants work.

The Consultants Statement of Interest will be weighted on:

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

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 & B** for this project must include:

- The person who will assume the duties of Project Manager for all aspects of work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified. The **Structures (Highway: Typical)** prequalification category requirements may be completed by the Sub and/or Prime Consultant.
- The person in charge of the CSS/Public Involvement activities. This requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience)

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

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads and Streets)

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

For the Project Specific Criteria of CSS Experience, include a detailed description of CSS/Public involvement work the firm has directed involving facilitation of community advisory group meetings, stakeholder meetings, public meetings and public hearings; organizing work groups and press conferences; drafting press releases and property owner contact letters, etc.

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).

30. **Job No. P-98-016-21, Phase I and/or II work for Various Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

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

The Consultant who is selected for this project, and all subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 8, 2021 at 1:30 PM** at the Region Five/District Eight Office in **Collinsville**.

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

The Phase I work, if required, may consist of surveys, hydraulic analysis, geometric studies and reviews, preparing TS&L plans, preparing Bridge Condition Reports, preparing Structure Geotechnical Reports, preparing Roadway Geotechnical Reports, obtaining deck cores and soil borings, soils analyses, deck core analysis, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, accident analysis, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of ADA design according to PROWAG, geometric studies, structure plans, roadway plans, electrical work, lighting plans, 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 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 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.

The Consultants Statement of Interest will be rated based on:

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

The estimated engineering fee for this project is \$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(s) who will assume the duties of Project Manager for all aspects of work documents (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of hydrologic/hydraulic analysis and modeling for culverts and bridges (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- The person(s) who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

Highways (Roads and Streets)

Structures (Highway: Advanced Typical)

Hydraulic Reports (Waterways: Typical)

Location Design Studies (Rehabilitation)

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

31. **Job No. P-98-018-21, Various Phase I and/or II Projects, Various Routes, Various Counties, Region Five/District Eight.**

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 10, 2021 at 9:00 AM** at the Region Five/District Eight Office in **Collinsville**.

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

The Phase I work, if required, may consist of conducting route surveys, geotechnical analyses, hydraulic survey/analysis, geometric studies and reviews, preparing Bridge Condition Reports, Hydraulic Reports, Structure Geotechnical Reports, Type, Size and Location (TS&L) plans, Intersection Design Studies (IDSs), Value Engineering studies, Right of Way information, and Project Reports (Categorical Exclusion projects only).

This work may include data collection, cost estimates, traffic management analysis, crash analysis, development of alternative alignments, preparing environmental and hazardous waste documents, infrared testing of bridge decks, and all other related work required to produce the necessary Phase I documents and reports. This work could include amending or updating existing Project Reports.

Projects may include public involvement. Public involvement may include coordinating and leading stakeholder meetings, public informational meetings and public hearings, preparing exhibits for meetings and hearings, Context Sensitive Solutions (CSS) duties and evaluating and incorporating comments from those meetings into a report.

The Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analyses, geometric studies, structure plans, roadway plans, and any other related work required to complete plans, specifications, and estimates as necessary.

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

The Consultant's work may also include QC/QA plan reviews of pre-final contract plans, developed by others, with an emphasis on constructability.

All work prepared by the Consultant must be compatible with department software and readily duplicated on department hardware. All files produced for projects under this contract are the property of the department and must be provided in the appropriate electronic format for the department's files and for possible future use.

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

boring logs, location design reports, and other information deemed applicable to the Consultant's work.

The Consultants statement of interest will be rated based on:

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

The estimated engineering fee for this project is \$750,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; stakeholder meetings; drafting press releases and property owner contact letters, etc.
- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified. The **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 for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform/supervise the pre-final contract plan reviews of plans developed by others (resumé must indicate a background that has adequate plan review experience with an emphasis on constructability).

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

Highways (Roads and Streets)

Location Design Studies (Reconstruction/Major Rehabilitation)

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

32. Job No. P-98-017-21, Phase I and/or II work for Various Projects, Various Counties, Region Five/District Eight.

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

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

The Consultant who is selected for this project, and all subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 9, 2021 at 1:30 PM** at the Region Five/District Eight Office in **Collinsville**.

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

The Phase I work, if required, may consist of surveys, hydraulic analysis, geometric studies and reviews, preparing TS&L plans, preparing Bridge Condition Reports, preparing Structure Geotechnical Reports, preparing Roadway Geotechnical Reports, obtaining deck cores and soil borings, soils analyses, deck core analysis, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, accident analysis, and other related work and exhibits necessary to produce the Project Report, as necessary.

The Phase II work, if required, may consist of ADA design according to PROWAG, geometric studies, structure plans, roadway plans, electrical work, lighting plans, 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 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 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.

The Consultants Statement of Interest will be rated based on:

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

The estimated engineering fee for this project is \$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(s) who will assume the duties of Project Manager for all aspects of work documents (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of hydrologic/hydraulic analysis and modeling for culverts and bridges (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer).
- The person(s) who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

Highways (Roads and Streets)

Structures (Highway: Advanced Typical)

Hydraulic Reports (Waterways: Typical)

Location Design Studies (Rehabilitation)

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

33. **Job No. P-98-022-21, Various Phase I/II Drainage Studies and Hydraulic Reports, Various Routes, Various Counties, Region Five/District Eight.**

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

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

The Consultant who is selected for this project, and all subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 12, 2021 at 1:30 PM** meeting at the Region Five/District Eight Office in **Collinsville**.

Phase I/II engineering services are required for preparing Drainage Studies and Hydraulic Reports for various locations in District Eight. Typically, the studies and report will be completed in conjunction with Project Reports completed by others. All documentation and the supporting computations are to be presented in the study/report format as appropriate. Preparation of Location Drainage Studies shall be in accordance with the IDOT Drainage Manual and District requirements. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

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

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

In addition, the Consultant may also be required to provide an in-house Hydraulic Engineer having the qualifications listed below. It is anticipated the Consultant will be required to conduct his/her work in the District 8 office 1-5 days per week. The in-house Consultant will be expected to perform work similar to an IDOT Hydraulic Engineer, and report to the Hydraulic Engineer. The work may include: producing Hydraulic Reports, reviewing hydraulic reports, preparing location drainage studies, reviewing location drainage studies, reviewing entrance permit projects for conformance to hydraulic requirements, and other work as necessary to ensure assigned projects are brought to completion in accordance with established schedules. The in-house Hydraulic Engineer may be assigned to review various IDOT phase I and/or phase II projects, which could be under current or future contract with other Consultant engineering firms.

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

The Consultants Statement of Interest will be rated based on:

Rating description	Weight%
Past performance in project categories	15
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	15
The Firms experience with required project work	5
Firms understanding/method of accomplishing projects requirements	20
Project Specific Criteria: Experience with State & Local Regulatory agency practices.	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(s) who will assume the duties of Project Manager for all aspects of work documents (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Reports and Hydraulic Reports (must be an Illinois Licensed Professional Engineer with a minimum of five (5) years' experience dealing with highway related drainage problems).
- The person who will perform the QC/QA review work of all work order submittal documents (must be an Illinois Licensed Professional Engineer).
- The use of hydraulic and hydrologic computer programs currently accepted by the department is also required to perform drainage assignments. Resumes of drainage engineers must state hydraulic and hydrologic modeling experience for the last five (5) years.
- The person who will perform/supervise Survey work (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.

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

Hydraulic Reports (Waterways: Complex)

Hydraulic Reports (Pump Stations)

Special Studies (Location Drainage)

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

34. Job No. P-99-001-21, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Five/District Nine.

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

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

The Consultant selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 4, 2021 at 10:00 AM** in the Region Five/District Nine Office in **Carbondale**.

Phase I/II engineering services, including Value Engineering services, are required for various projects throughout District Nine. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. This project is anticipated to be completed using PowerGeopak V8i Select Series 4 utilizing Corridor Modeling and shall be compatible with the IDOT Computer Aided Design, Drafting, Modeling, and Deliverables Manual for preparation of roadway and structure plans.

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

Phase II work, if required, may consist of conducting route surveys, hydraulic analysis, geometric studies, roadway plans, highway lighting, ADA plan development, and any other related work to complete final plans, specifications, and estimates, as necessary.

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

Value Engineering (VE) services, if required, shall include VE Studies submitted in a written report. The Consultant will assemble a multi-disciplined VE project team of approximately 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.

The department will furnish the Consultant with available information for contract plan preparation. For value engineering studies, the department will furnish the Consultant with available reports,

roadway plans, and other information as available. The VE team leader is to coordinate with the department on specific needs for the assigned project.

The 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 estimated engineering fee for this project is \$3,250,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

- The person who will be in-charge of the value engineering tasks (must be an Illinois Licensed Professional Engineer and have previous value engineering experience and training). The value engineering tasks may be completed by the Sub and/or Prime Consultant.

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Special Studies (Location Drainage)

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).

35. Job No. V-99-001-21, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Nine.

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 11, 2021 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, and record maintenance for various projects in District Nine. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

There may be instances where the Consultant will be required to furnish a Resident Engineer complete with staff capable to run individual projects and work directly with the department's Construction Field 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.

The Consultant must be capable to both assist the Resident Engineer with construction inspectors or in some instances act as the Resident Engineer to prepare all documentation of the project. The various proposed projects may consist of pavement and surface removal, patching and resurfacing, bridge repair, bridge rehabilitation, electrical work, bridge replacement, widening and resurfacing, vertical/horizontal realignment and/or new roadway projects.

The Consultant will provide tools of the trade. The department will furnish all necessary plans, specifications, standards and related forms for record keeping.

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.

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	7
Proposed DBE use	3
Available work capacity of firm	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	10

The estimated construction cost for these assigned projects range from \$100,000 to \$25,000,000. The various projects are scheduled for construction during calendar year 2021, 2022, 2023, 2024 and 2025 construction seasons. 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.

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 Resident Engineer(s). 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 Documentation Technicians. The person(s) actively performing the documentation on the projects must possess a current IDOT Construction Documentation certificate. (Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.)
- Construction Inspectors. Experience and workable knowledge of IDOT inspection duties and requirements Capable of performing geometric and physical layout as needed for construction purposes.

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

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

36. **Job No. BI-37-001-21, Various Statewide Engineering for Structure Projects, Major River Bridge Inspections, Bureau of Bridges and Structures.**

This project may contain **Federal Funds**.

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

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

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 **February 3, 2021 at 1:30 PM** at the Central Bureau of Bridges and Structures in **Springfield**.

Primary projects are anticipated to include NBIS and Element Level Inspections of major river bridges, and possible training. Limited projects will include Damage Inspections and Load Rating Inspections. The Consultant will be required to provide appropriate bridge inspection equipment to complete NBIS and Element Level Inspections, Damage Inspections, Load Rating Inspections, and Field investigations. The Consultant may also be required to provide the appropriate traffic control. Anticipated projects may also include load capacity rating of existing structures. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis. All work for this project may be in English or metric Units.

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.

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 \$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 (must be an Illinois Licensed Structural Engineer).
- The person who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in the development of deliverables (must be an Illinois Licensed Structural Engineer).

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer and NBIS qualified Program Manager).
- The person who will perform the work in the area of NBIS and Element Level inspections and training (must be an NBIS qualified Program Manager and an Illinois Licensed Professional Engineer or Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

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

The firm must have the necessary training for **NBIS and Element Level Inspection** to be considered for this project. The Statements of Interest must also include training experience within the resumes.

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

37. **Job No. S-60-006-20, Development of the State Critical Infrastructure Protection Plan (SCIPP), Bureau of Operations.**

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 **March 1, 2021 at 1:00 PM** at the Central Bureau of Operations in **Springfield**.

Engineering services are required for developing a State Critical Infrastructure Protection Plan (SCIPP) Phase III in accordance with the National Preparedness Guidelines, in order to reduce risk to, vulnerability of, and consequences of attacks on critical infrastructure and identify critical infrastructure (CI) assets/systems that meet the State level sector-specific criticality criteria. The SCIPP would be a guiding document for state, county governments, along with private sector officials to stabilize priorities, develop further plans protecting CI and Key Resources from natural, technological and human-caused (including terrorism) or other events that could severely impact the citizens and economy of Illinois.

The primary deliverable of Phase III is a State-level CI List that is sufficiently developed to be a representative list across all sixteen (16) sectors and that will provide a platform to be built upon in subsequent phases and is anticipated to complete the following:

- Obtain from IDOT and other stakeholders the available data in electronic databases regarding existing, pre-identified state-level or sector-specific CI assets.
- Conduct “mapping” (i.e., evaluation) of identified CI based on existing lists to sector-specific criticality criteria developed as part of Task 2; and develop a “Version 1” of the State-level CI List.
- Conduct additional research and discussions with Sector specific POCs to identify additional assets based on agreed upon criticality criteria.
- Develop, submit, and vet first draft of State CI List.
- After reviewing stakeholder feedback, submit final CI list to be added to SCIPP as an annex.

The Consultants Statement of Interest will be rated based on:

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

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents. Requires Completion of NIMS 100, 200, 300, 400, 700 and 800 courses. Emergency Operation activation experience and process understanding. Requires a minimum of two (2) years of responsible project management experience and a documented history of multi-disciplinary/multi-jurisdictional plan, training program and risk-based assessment development and program implementation.
- Person(s) with skill and mental development equivalent to completion of four (4) years of college, preferably with emphasis on studies in emergency management, homeland security, public administration, or planning.
- Person(s) with experience and a documented history of programmatic administration or management of risk assessment processes for the identification, analysis and evaluation of hazards and risk factors.
- Person(s) with the experience and documented ability to coordinate and work with state and local government agencies, federal departments and the private sector to develop comprehensive strategies to assess critical infrastructure and determine the potential impacts associated with risks and vulnerabilities in an interdependent environment.
- Person(s) with experience in coordination with state and local government agencies, federal departments and the private sector to map geospatially, image, analyze and prioritize critical infrastructure for use in preparedness and planning efforts of the state.
- Person(s) who will perform the QC/QA review work of all milestone submittal documents. Include related experience with this type of work.

Statements of Interest, including resumes of the key people, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS). Firms interested in submitting for this item 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.

38. **Job No. HPR-66-071-21, Illinois State Freight Plan Including District Freight Plans and County Freight Profiles, Statewide, Bureau of Planning.**

This project may contain **Federal Funds**.

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

The **Complexity Factor** is **0**.

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 3, 2021 at 10:00 AM** at the Harry R. Hanley Building, Bureau of Planning Office in **Springfield**.

Services are required to update the previous Illinois State Freight Plan, including expanding the analysis to include a district freight plan for each of the nine IDOT districts. The intent of the district level analysis is to build upon the planning efforts of the previous Illinois State Freight Plan, and other ongoing planning efforts by taking a more in-depth look at specific conditions and needs within each district, in order to gain a better understanding of freight issues, identify important freight corridors, refine or develop performance measures, and make programming recommendations. County freight profiles of each of the 102 counties in Illinois will be developed to further enhance freight planning efforts within the state. The result of these planning efforts will be delivery of the next Illinois State Freight Plan (including District Freight Plans and County Freight Profiles) (“the Plan”).

I. ANTICIPATED COMPONENTS TO BE INCLUDED IN THE PLAN:

a) State Freight Plan

The Plan is intended to meet all of the federal guidelines to be approved by the USDOT as the next state freight plan, which must be updated not less than every five years. As such, the Consultant shall develop the Plan in accordance with the state freight plan requirements contained in the Fixing America’s Surface Transportation (FAST) Act and 49 U.S.C., Section 70202, or any updated state freight plan requirements issued by the USDOT that revise or replace the current guidelines.

b) District Freight Plans

The Plan will include nine District Freight Plans containing the following elements:

- Freight Infrastructure System - The purpose of this task is to identify how freight is being moved to, from, and within each District, including, but not limited to roadways, railroads, waterways, pipelines, and airports.
- Freight Generators – The purpose of this task is to identify freight generators, including but not limited to, mines, rail yards, intermodal facilities, manufacturing facilities, and other significant freight related businesses, including, but not limited to, shippers and truck stops.
- Freight Corridors – The purpose of this task is to identify locally important freight corridors, and examine their design characteristics, bridge and roadway conditions, operational performance, and any known or perceived safety concerns, in order to gain full awareness of key freight routes and whether safety and freight flow can be improved.
- Freight Commodity Flows – The purpose of this task is to identify the type, volume, and value of commodities being transported in, out, and within each district. The mode of transport shall also be identified, i.e. truck, rail, water, pipeline, and air.

- Freight System Conditions, Operational Performance, Safety Concerns, Needs, and Other Issues – The purpose of this task is to use IDOT transportation system data plus that gathered during the development of the Plan, including data on truck routes, truck parking, intermodal terminals, National Highway System (NHS) intermodal connectors, rail lines, and pipelines, to describe system conditions, operational performance, safety concerns, needs, and other issues, including potential impacts of ongoing technological enhancements in freight delivery. The Consultant will also gather data to characterize local or route specific economic activity related to freight movement. The transportation system data and data on economic activity related to freight movement will be used to convey the relative importance of freight corridors and the benefits of improving freight flow on a given route or corridor. Freight data analysis will support strategy development, identify performance measures, and develop criteria to evaluate candidate freight projects and make programming recommendations.
- Environmental Conditions – The purpose of this task is to identify locations where freight activity is substantially contributing to impacts to human populations (particularly low income or minority) and indicate the severity of impacts. Impacts to consider include, but are not limited to, congestion, air pollution, noise pollution, community cohesion, and hazardous materials. This may be quantitative or qualitative based on the resource(s). The Consultant will be responsible for facilitating socially equitable community engagement and collaboration between counties, municipalities and other public agencies. Stakeholder involvement should address any negative impacts of the freight system to local communities, particularly to environmental justice communities, environmentally sensitive areas, and historic/cultural resources.
- Strengths, Weaknesses, Opportunities, Threats (SWOT) Analysis – The purpose of this task is to use a SWOT analysis to examine the quantitative and qualitative information gathered in the previous tasks and present a comprehensive slate of freight system strengths, weaknesses, opportunities and threats, and logical recommended actions for each district based on stakeholder input and data gathered herein. Based on the SWOT analysis, the Consultant will develop a structured inventory of critical needs and potential responses, at the district level. The product will be a list of potential actions that could be undertaken to leverage strengths and opportunities, and to mitigate weaknesses and threats.
- Freight Investment Priorities – The purpose of this task is to use stakeholder feedback and the freight data gathered during the development of the Plan to identify and rank potential freight projects within each district in order to develop a list of potential projects that may be considered for programming. All modes of transportation should be considered, using a performance based project ranking process. The Consultant shall work with stakeholders to review the process used in the previous Illinois Competitive Freight Program in order to determine its effectiveness and if applicable, will recommend revisions to improve the effectiveness of the metrics used in the ranking system to screen/evaluate potential projects.

c) County Freight Profiles

County Freight Profiles will be developed to illustrate physical system and economic components that encapsulate the information gathered in the above tasks, but at a county level, including the mapping of the freight infrastructure system, freight generators, freight corridors, and freight commodity flows. The county freight profiles will provide a succinct description of the factors that contribute to freight movement within the county, including, but not limited to, major roadways, rail lines, waterways, port districts, airports, large freight employers, growing freight related industries, manufacturing centers, distribution centers, transload facilities, mines, and refineries. The physical system shall be compiled in a

Geographic Information System (GIS) database and individual County Freight Profile sheets shall also be developed that can be utilized as a marketing and economic development tool for individual counties and local communities.

d) Illinois Competitive Freight Program Call for Projects

The following services may be required. The Freight Investment Plan (FIP) in the previous Illinois State Freight Plan was developed using a competitive grant application process, known as the Illinois Competitive Freight Program. Through this program, freight formula funds available under the FAST Act were awarded to applicants through a transparent submission and evaluation process. In anticipation of receiving additional freight formula funds, it is important to identify regional freight projects that may be candidates for this future funding.

The Consultant may develop and deliver a competitive based call for projects that utilizes the information, data, and performance measures formulated during the development the State Freight Plan and the District Freight Plans. The Consultant may assist with development of the program goals, evaluation criteria, application process, program guidance document, public facing data tool, ranking system, call for projects, outreach, and evaluation of projects. This competitive based call for projects would allow IDOT to complete project selection for a USDOT compliant FIP that can be incorporated into the final State Freight Plan

II. REQUIRED WORK ELEMENTS NEEDED TO DEVELOP THE PLAN:

- Project Schedule -The Consultant shall prepare a detailed schedule that identifies key tasks, milestones, critical path items, and deliverable due dates to ensure timely and efficient delivery of the Plan.
- Project Work Plan -The Consultant shall prepare a work plan that outlines how it will develop the Plan to be compliant with USDOT state freight plan requirements. This may require further direction from IDOT on the methodology for how district freight plans will be developed as components of the state freight plan, as well as for the county freight profiles. The Consultant should describe how it will address any revisions to the work plan if state freight plan requirements are changed through a new federal transportation bill authorization.
- Project Management – The Consultant shall be responsible for organizing progress meetings, managing the project schedule, making internal team assignments, and tracking action items.
- Stakeholder Engagement Plan -The Consultant shall develop and implement a Stakeholder Engagement Plan that will include input from the Illinois State Freight Advisory Council (ISFAC) and a wide variety of internal IDOT staff and external public and private sector stakeholders. Internal stakeholders include District Engineers and staff from central office Bureaus. External stakeholders include, but are not limited to, Metropolitan Planning Organizations (MPOs), Regional Planning Councils (RPCs), the Illinois State Police, the Illinois Department of Commerce & Economic Opportunity, advocacy organizations such as the Mid-West Truckers Association and the Illinois Trucking Association, and private freight-centric businesses. Outreach Meetings should include existing organizations such as ISFAC, MPOs, RPCs, and additional industry meetings may be arranged to provide the opportunity to engage and obtain feedback from additional freight planning experts. Outreach Interviews or one-on-one meetings will be conducted to gather input on existing facilities, the condition of the freight system, needs and issues, and investments that would be beneficial to the Illinois transportation system. Virtual meetings are expected to be the primary means of outreach efforts for at least the first twelve months of the study.

- Other Plans and Studies -The Consultant shall ensure that the Plan is consistent with previous and ongoing IDOT plans and studies, including, but not limited to, the following: Illinois Long Range Transportation Plan, Illinois State Freight Plan, Marine Transportation System Plan, Truck Bottleneck Study, Truck Parking Study, Aviation Plan, Pipeline Study, Rail Needs Assessment, and Rail Plan. The Consultant will be required to review, and if applicable, incorporate into the Plan, information within completed MPO freight plans, local agency freight plans, and other relevant freight-related information that may be available, including private data.

The Consultants Statement of Interest will be based on:

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

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

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

- The person who will assume the duties of Project Manager.
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/public involvement work he/she has directed involving facilitation of public meetings and virtual community engagement.

Statements of Interest, including resumes of the key people, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering Prequalification and Agreement System (EPAS). Firms interested in submitting for this item 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.

ILLINOIS DEPARTMENT OF NATURAL RESOURCES

One Natural Resources Way

Springfield, IL 62702-1271

REQUEST FOR PROFESSIONAL SERVICES

November 5, 2020

This is the official notice that professional services are required by the Illinois Department of Natural Resources (IDNR).

This item will be selected and administered by IDNR. Selection for this project is *anticipated* to be the week of January 18, 2021.

This is not an invitation for bids. Firms properly prequalified for this project herein may indicate their desire to be considered for selection by submitting the requested information to the IDNR address listed within this Request for Professional Services.

SPECIAL NOTICE:

The IDNR does not enter into agreements to indemnify or hold harmless consultants in connection with claims arising in connection with work performed under any contract. Insurance requirements and legal obligations are addressed in Section 2 of the IDOT Standard Agreement Provisions for Consultant Services. The successful Consultant will be presumed to have fully considered any perceived risks in relation to professional liability, in submission of the Consultant's Proposal.

IDNR hereby notifies all proposers that it will affirmatively insure that in any contract entered into pursuant to the advertisement, prequalified minority business enterprises will be afforded full opportunity to submit statements in response to this invitation and will not be discriminated against on the grounds of race, color, sex, or national origin in consideration for an award.

Selection of professional consultants by IDNR is not based on competitive bidding but on the firm's professional qualifications, experience, and the expertise of key personnel to be assigned to the project with consideration also given to:

1. Ability to complete the work in the time required and the firm's existing workload.
2. The proximity to the project sites of key personnel assigned to the project.
3. Extent of work, which must be subcontracted by the firm and their proposed method of accomplishing the project objectives.
4. Financial evaluation of the firm and its accounting methods.
5. Performance rating for past work done for IDNR, if applicable

All members of the IDNR Consultant Selection Committee will be unavailable to discuss specifics listed herein until selection of the specific firm has been announced.

IDNR's procedures ensure that all members of the Consultant Selection Committee are provided with detailed information concerning all Statements of Interest submitted by all consultants.

Please do not send letters expressing your interest in this project and/or correspondence concerning your firm to members of the Consultant Selection Committee.

If you have any questions concerning this project, please contact Mr. Dale Brockamp, Illinois Department of Natural Resources at dale.brockamp@illinois.gov.

Procedural questions regarding submittal of Statements of Interest may be directed to the Bureau of Design and Environment's Consultant Unit at 217/782-6916 or e-mail at DOT.ConsultantServices@illinois.gov.

39. **IDNR Project 1-20-044, Hennepin Canal - West End Levee Restoration, Phase I/II, Henry County, Illinois Department of Natural Resources.**

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

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

The Consultant who is selected for this project and all Subconsultants the Prime Consultant will be using are scheduled to attend an initial meeting on **February 16, 2021** at a location that will be determined later.

Phase I/II engineering services are required for the repair of levees at the west end of the Hennepin Canal near Colona, IL. All work shall be performed for the Illinois Department of Natural Resources (IDNR). Most of the work will take place between Lock 26 and Lock 28 which is immediately east of Colona, Illinois. Specifically, IDNR would like to repair several existing breaches in the canal levee and rebuild them to withstand future flooding events by allowing them to pass excess flow from the Green River. All work associated with this project is in Henry County at the western end of the main canal.

The Consultant will be required to work with IDNR staff to review existing record drawings and determine the best way to allow flood waters to pass over or through the levees while still protecting the recreational trails on top of the levees. A thorough knowledge of Hydraulics and Hydrology will be required to secure multiple regulatory permits. In addition, the Consultant will need to work with the IDNR historical preservation staff to incorporate a design which is both historically accurate and functional.

Since the Hennepin Canal has been designated as a National Historic Landmark Site, the Consultant will be required to work closely with the State Historic Preservation Office (SHPO) and comply with any ADA and public health and safety requirements. The Consultant should have a thorough working knowledge of the National Historic Act of 1966 as amended through 2000.

Work is expected to include the following tasks below, as well as any additional work required to finish the reports required for the completion of the project:

1. Complete a thorough structural inspection of the existing levee failures and all weakened points on the north and south levee. Identify damages to the structures caused by the weather, vandalism, and age. Provide a detailed field report which describes all damages which need to be addressed.
2. Review all record drawings of the canal levee including recent repairs. Become familiar with the original design plans and any structural changes which have been constructed over the years.
3. Conduct a hydraulics and hydrology study to determine 1-year, 10-year, 25-year, and 100-year flow rates from the Green River. Assume that that all levees holding back the Green River have been compromised.
4. Provide two (2) design options to repair the existing canal breaches. The design options should ensure that the levees will be strengthened and fortified to withstand 10-year and 25-year flooding events without damaging the tow path or recreational trails. IDNR anticipates that this will be accomplished by using spillways to allow flood waters to both enter and exit the canal at both controlled flow rates and at desired locations. The base design should also include enough flow capacity to protect the entire levee between Locks 26 and 27. This

section of levee has been overtopped and damaged over the years due to efforts to protect the downstream levee section between locks 27 and 28.

5. Present one or more design options to protect the entire Hennepin Canal between Lock 26 and Lock 28 during a 100-year storm event. IDNR anticipates that this task will be accomplished by using fuse plugs or inverted siphons under the canal as have been done at other locations. IDNR is willing to sacrifice the bicycle trail on top of the canal levee during a 100-year storm event if it will prevent the catastrophic failure of the entire levee embankment.
6. Provide design & demolition plans to restore the drainage ditches which drain water away from the toe of the levees. Many of the drainage ditches have silted in from numerous flooding events over the years. In addition, they have also become overgrown with woody vegetation.
7. Provide final recommendations based on your professional expertise which considers functionality, cost, longevity, permitting concerns and historical preservation.
8. Provide design documents in accordance with standard IDOT delivery procedures and protocol. All fee proposals and contract negotiations shall follow standard IDOT procedures and protocol.

All design documents shall be submitted as a bound document and in electronic format. IDNR uses Microsoft Excel in the development of its spreadsheets, Microsoft Word in the development of its word processing and AutoCAD in the development of its drawings.

DELIVERABLES:

1. Initial Assessment Report. The Consultant shall perform a detailed inspection at all locations between Lock 26 and Lock 28. The Consultant shall also review all existing construction plans for the historic structure, including renovation plans, and identify the extent of damage and/or deterioration of the existing canal levee elements.
2. Preliminary Design Report shall include the following:
 - Preliminary Design Plans and Analysis for repairing the existing breaches.
 - Preliminary Design Plans and Analysis for constructing new water control structures which can pass 10-year and 25-year flooding events.
 - Both design options shall include a 30% Opinion of Probable Cost.
 - Three (3) electronic copies of the Preliminary Design Report on Flash-drives or CDs.
 - Presentation of the preliminary design report to IDNR staff including SHPO, OWR, and ORCP. Pre-Final Submittal Documents including a 95% Opinion of Probable Cost
3. Final Submittal Documents including a 100% Opinion of Probable Cost.

The Consultants Statement of Interest will be rated based on:

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

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

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

- Person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- Person who will perform the duties of Project Engineer, defined as the individual-in-charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- Person who will coordinate all design activities with the State Historical Preservation Office (SHPO). This person should be an Illinois certified archaeologist.
- Person who shall coordinate all design activities to verify that the restored trails are compliant with the 2018 Illinois Accessibility Code.
- Person who will perform the work in the area of hydraulics and hydrology, including all recommendations and will seal the work required for the structural design (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). The **Special Studies (Location Drainage)** prequalification category requirement may be completed by the Sub and/or Prime consultant.
- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer). The **Geotechnical Services (Subsurface Explorations)** prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- Person who will perform the QC/QA review work of all submittal documents (Must be an Illinois Licensed Engineer with adequate design experience for this type of levee work).

Statements of Interest must also include:

- Satisfactory experience in the activities required for this work by the firm and by members of the Consultant's current key personnel listed above, including dates of when work was completed, and list all applicable projects.
- Satisfactory experience working with historical landmarks. The Hennepin Canal has been designated as a National Historic Landmark Site. The Consultant will be required to work closely with the State Historic Preservation Office (SHPO) and comply with any ADA and public health and safety requirements. The Consultant should have a thorough working knowledge of the National Historic Act of 1966 as amended through 2000.
- Project approach.
- A proposed organizational chart for the Consultant team.

The Prime firm must be prequalified in the **Hydraulic Reports (Waterways: Complex)** category to be considered for this project.

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

NOTICE

Exhibit B

Published: Thursday, November 7, 2019

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

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

The completion date of the projects has also been added.

Location/Design Study

Location/Design Study Work

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

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

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

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

NOTICE

Salary Cap

Effective: Thursday, November 7, 2019

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

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



Illinois Department of Transportation

STTP S-33 Soils Field Testing and Inspection Course

Course Objectives: This course prepares construction and materials personnel with the basic skills and guidance to properly perform field testing and inspection of subgrade, embankment, and shallow foundations for various structures. This course also describes common geotechnical problems and the remedial actions generally used to correct them.

Upon successful completion of the course, students should be able to:

- Determine the field moisture content along with the in-situ wet and (corresponding) dry densities
- Use the Family of Curves and One Point Proctor to determine the Standard Dry Density (SDD) and Optimum Moisture Content (OMC) of a given soil
- Determine percent compaction and percent of OMC
- Determine soil stability and strength in the field using a Static and Dynamic Cone Penetrometer
- Properly inspect embankment construction
- Check roadway subgrades and determine undercut and treatment depths
- Perform inspection and soil testing to verify or establish the adequacy of foundation material for box culverts and shallow structure foundations

Successful completion of this course meets consultant eligibility requirements for Department prequalification.

Course Materials: [Soils Field Testing and Inspection: Course Reference Manual](#)

If an updated version is available it will be provided in class.

Students will need to bring a pencil, calculator and note pad with them.

Enrollment: Please have one coordinator from your company contact Mr. Paxton Harmon at 217-524-0634 or preferably by email at Paxton.Harmon@illinois.gov to enroll students in a class. **Each student will be put on a waiting list for the class of their choice.** Two to three weeks prior to class start the student or coordinator will be contacted with confirmation of enrollment. If the student cannot be enrolled in the class, they will be contacted and asked for their second class choice.

There is no fee for this class at this time.

Schedule: Each class is three days. The first day starts at 1:00pm and ends at 4:30pm. The second day starts at 8:15am and lasts until 4:30pm. The third and final day starts at 8:15am and ends around noon. The 2018-19 training schedule is listed below:

Class Dates/Location:

**IDOT District One: Materials Laboratory
101 West Center Court
Schaumburg, Illinois 60196**

- Nov 27-29
- Jan 8-10
- Feb 5-7
- Mar 19-21

**IDOT District Three: “The Starved Rock” Conference Room
700 East Norris Drive
Ottawa, Illinois 61350**

- Mar 4-6

**IDOT District Six: Chastain Conference Room,
126 E. Ash Street
Springfield, Illinois 62704**

- Dec 11-13

**IDOT District Seven: Effingham County Emergency Management Building
311 Miracle Drive
Effingham, Illinois 62401**

- Feb 20-22

NOTICE
2018 Standard Agreement Provisions for Consultant Services
(SAPCS)
July 01, 2018

2018 SAPCS applied to all proposal packages (Prime and Sub) received by the Central Office after July 1, 2018.

For contracts advertised on PTB 184 and before – language will be included in the agreement overriding the new compensation language in the 2018 SAPCS.

We encourage the review of the entire SAPCS, the following are significant revisions.

- All firms are required to notify the department of the loss of a prequalification category (2.12)
- All subconsultants are required to be paid within 15 calendar days of prime receiving payment from the Department (2.63)
- DBE Administration (2.67)
 - Subconsultant Utilization Plan will be required with PTB 189 Statements of Interest (2.24)
- Consultant Compensation (2.90)
- Fixed Fee (2.91)

The SAPCS are available on the IDOT Website: [Standard Agreement Provisions for Consultant Services July 1, 2018](#)

NOTICE

Prevailing Rate Schedule

The "Prevailing Rate Schedule" option within EPAS - Question 3, will no longer be accepted:

Would you like to be considered only for occasional small projects that the Department may elect to negotiate on a per diem or prevailing unit price basis, may substitute their current prevailing rate schedule?

This option is no longer utilized. If a firm wishes to pursue prequalification with the Illinois Department of Transportation an established and approved overhead rate will be required.

This option is being removed from EPAS. If a firm submits a prevailing rate schedule instead of supplying an overhead rate, the SEFC will be returned to the firm.

NOTICE

February 1, 2019

Revised Consultant Utilization Plan

The following was added to the first sheet (prime sheet) of the plan for clarification.

Failed to meet Consultant Proposed Goal in Statement of Interest but meets or exceeds the advertised goal. The revised Disadvantaged Business _____ percent
Attached are the signed participation statements forms, with the noted revisions, evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract. Justification for the revisions must be provided to the department by the Consultant.

The following sheet shows the revision highlighted on the revised page.



I certify I am the _____ of the firm of SAMPLE FIRM, Inc. and I have thoroughly reviewed our proposed subconsultant utilization plan. If we are selected for this project, we will assign it as a top priority project with our firm's proposed staff and the subconsultant's staff for the full term of the contract. The office location for correspondence relating to this project is:

Address _____

City/State/Zip _____

As the Consultant I further agree to ensure disadvantaged businesses as defined in 49 CFR Part 26 and the Standard Agreement Provisions for Consultant Services (SAPCS) have the maximum opportunity to participate in the performance of subcontracts financed in whole or in part with Federal or State funds. The consultant shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure said businesses have the maximum opportunity to compete for and perform under this contract. The consultant shall not discriminate based on race, color, national origin or sex in the award and performance of contracts.

I, acting in my capacity as an officer of the undersigned submitting firm (or firms if a Teaming Agreement), hereby assure the Department on this project my firm: (check one)

Meets or exceeds the advertisement goals and have provided documented participation as follows:

Disadvantaged Business _____ percent

Attached are the signed participation statements forms evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract.

Failed to meet Consultant Proposed Goal in Statement of Interest but meets or exceeds the advertised goal. The revised Disadvantaged Business _____ percent

Attached are the signed participation statements forms, with the noted revisions, evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract. Justification for the revisions must be provided to the department by the Consultant.

Failed to meet contract award goals and has included good faith effort documentation to meet the goals and my company has provided participation as follows:

Disadvantaged Business Participation _____ percent

The contract goals should be accordingly modified or waived. Attached is all information required by the SAPCS in support of this request including good faith effort. Also attached are the signed participation statements forms, required by the SAPCS evidencing availability and use of each business participating in this plan and assuring each business will perform a commercially useful function in the work of the contract.

Print Name	
Signature	
Title	
Date	
Firm Name	
Phone	
E-mail address	

NOTICE

Subconsultant Utilization Plan

July 01, 2018

The Input for Statements of Interest for each Item has been revised. Teaming, will now require the category and % of work by the team members. Input will be the same process as subconsultant entry.

Teaming

*Will the firm be entering into a Teaming Agreement for the item (The lead firm must be the one submitting for the item)?

Yes

--Select To Add Firm--

Firm Name	Email	Edit	Delete	% work Bv Firm	Qualifications
Firm Name	Carrie.Kowalski@Illinois.gov	Edit	Delete	NEW Include Number	NEW Prequal Category

Subconsultants Work Performed

IDOT PreQualified Firms

--Select To Add Firm--						
Firm Name	DBE	Qualifications	Categories	%Work by Firm	Edit	Delete
Firm Name A	No	Structures - Highway: Simple	View	2	Edit	Delete
Firm Name B	Yes	Special Services - Surveying	View	5	Edit	Delete
Firm Name C	Yes	Special Services - Construction Inspection	View	10	Edit	Delete

Mentor Input stays the same, no changes.

Mentor-Protégé

*Firm is proposing a Mentor-Protégé on this project?

Yes

--Select New Protege Firm--

Pr	me	Areas of work (PreQualification Categories) they will be participating in	Commands
Firm Name B		Roads and Streets	Edit Delete

To submit the U-Plan, the process will be the same as submitting the Exhibit A. The U-plan will be printed and then attached. If selected the prime and subs will complete and bring to the negotiation meeting.

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...

The following is an example U-Plan which would be attached.

I certify I am the _____ of the firm of SAMPLE FIRM, Inc. and I have thoroughly reviewed our proposed subconsultant utilization plan. If we are selected for this project, we will assign it as a top priority project with our firm's proposed staff and the subconsultant's staff for the full term of the contract. The office location for correspondence relating to this project is:

Address _____

City/State/Zip _____

As the Consultant I further agree to ensure disadvantaged businesses as defined in 49 CFR Part 26 and the Standard Agreement Provisions for Consultant Services (SAPCS) have the maximum opportunity to participate in the performance of subcontracts financed in whole or in part with Federal or State funds. The consultant shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure said businesses have the maximum opportunity to compete for and perform under this contract. The consultant shall not discriminate based on race, color, national origin or sex in the award and performance of contracts.

I, acting in my capacity as an officer of the undersigned submitting firm (or firms in Teaming Agreement), hereby assure the Department on this project my firm: (check one)

Meets or exceeds the advertisement goals and have provided documented participation as follows:

Disadvantaged Business _____ percent

Attached are the signed participation statements forms evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract.

Failed to meet Consultant Proposed Goal in Statement of Interest but meets or exceeds the advertised goal. The revised Disadvantaged Business _____ percent

Attached are the signed participation statements forms, with the noted revisions, evidencing availability and use of each consultant firm participating in this plan and assuring each business will perform a commercially useful function in the work of the contract. Justification for the revisions must be provided to the department by the Consultant.

Failed to meet contract award goals and has included good faith effort documentation to meet the goals and my company has provided participation as follows:

Disadvantaged Business Participation _____ percent

The contract goals should be accordingly modified or waived. Attached is all information required by the SAPCS in support of this request including good faith effort. Also attached are the signed participation statements forms, required by the SAPCS evidencing availability and use of each business participating in this plan and assuring each business will perform a commercially useful function in the work of the contract.

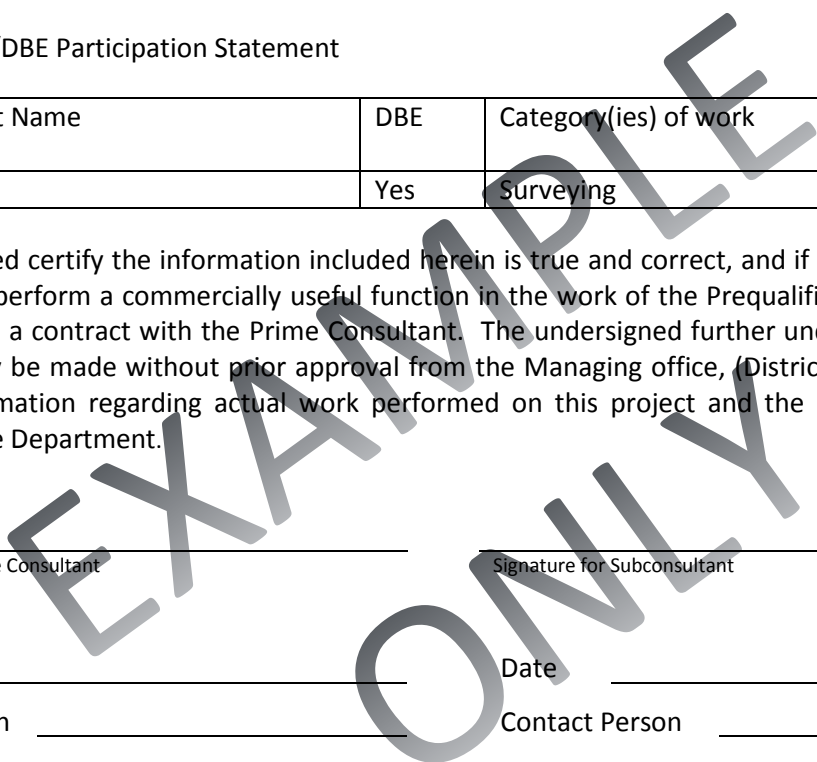
Print Name	
Signature	
Title	
Date	
Firm Name	
Phone	
E-mail address	



Subconsultant/DBE Participation Statement

Subconsultant Name	DBE	Category(ies) of work	Estimated %
FIRM ABC	Yes	Surveying	10

The undersigned certify the information included herein is true and correct, and if the subconsultant firm listed has agreed to perform a commercially useful function in the work of the Prequalification Category listed above and to execute a contract with the Prime Consultant. The undersigned further understands no changes to this statement may be made without prior approval from the Managing office, (District/Bureau) and complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.



 Signature for Prime Consultant

 Signature for Subconsultant

Date _____

Date _____

Contact Person _____

Contact Person _____

Title _____

Title _____

Firm Name _____

Firm Name _____

Address _____

Address _____

City/State/Zip _____

City/State/Zip _____

Phone _____

Phone _____

Email Address _____

Email Address _____



Subconsultant/DBE Participation Statement

Subconsultant Name	DBE	Category(ies) of work	Estimated %
XYZ	No	Roads and streets	3

The undersigned certify the information included herein is true and correct, and if the subconsultant firm listed has agreed to perform a commercially useful function in the work of the Prequalification Category listed above and to execute a contract with the Prime Consultant. The undersigned further understands no changes to this statement may be made without prior approval from the Managing office, (District/Bureau) and complete and accurate information regarding actual work performed on this project and the payment therefore must be provided to the Department.

Signature for Prime Consultant _____ Signature for Subconsultant _____

Date _____ Date _____

Contact Person _____ Contact Person _____

Title _____ Title _____

Firm Name _____ Firm Name _____

Address _____ Address _____

City/State/Zip _____ City/State/Zip _____

Phone _____ Phone _____

Email Address _____ Email Address _____

NOTICE Compensation

Effective 08-03-17

All future projects, beginning with PTB 185, will utilize the following:

Salary Cap: Use a salary cap of \$75 for all classifications for negotiations and in determining the contract upper limit. Utilize the actual salary rate of employees for invoicing.

Cost Plus Fixed Fee (CPFF) method of compensation

CPFF formula:

$$\text{Compensation} = \text{DL} + \text{DC} + \text{OH} + \text{FF}$$

Where Fixed Fee (FF):

For Prime Agreements is:
 $(0.33 + R)\text{DL} + \% \text{DL} = \text{FF}$

$\% \text{DL} = 10\%$ of Direct Labor (DL) of Subs

For Sub-Consultants
 $(0.33 + R)\text{DL}$

Note: The Total Fixed Fee cannot exceed 15% of DL + OH unless expressly stated in the advertisement. For Prime Consultants, the Total Fixed Fee includes the Subconsultant %DL.

Where:

R= Complexity Factor: 0, 0.035, or 0.07
DL = Direct Labor
DC= Direct Cost
OH= Overhead Rate

Escalation Rate:

The percentage used to project the consultant's current hourly rate throughout the life of the project to account for future raises will be 2% per year.

Notice
Consultant Invoicing
11-17-16

The Department makes every effort to expedite the processing of engineering consultant invoices for payment. However, before the Department can process invoices for payment, the consultant must have a current Certificate of Insurance on file. The insurance requirements are provided in Sections 2.26 and 2.62 of the [Standard Agreement Provisions for Consultant Services](#).

Listed below are possible causes for payment delay:

1. Either no certificate of insurance on file or it has expired.
2. The limits of coverage are insufficient.
3. The failure to show the Department as Additional Insured and Certificate Holder.
4. The failure to provide a 30-day cancellation notice.

The Accord Certificate of Insurance (Form 25) is often used to reflect evidence of insurance coverage. Included on the form should be a statement indicating the Illinois Department of Transportation, its officers and employees are named as an Additional Insured for General Liability. In addition, the Certificate Holder should be shown as:

Illinois Department of Transportation
Bureau of Design and Environment
2300 S Dirksen Parkway
Springfield, IL 62764

Completed Certificates of Insurance should be uploaded into EPAS under the Corporate Details. The certificates should be updated annually with the SEFC renewal and if the certificate expires between renewals, then an Amend to the SEFC is required.

NOTICE

Statements of Interest Rating Criteria in Advertisement

November 10, 2016

There is an addition to the advertisements. To comply with 23 CFR Part 172, Procurement, Management, and Administration of Engineering and Design Related Services the items are required to show the criteria used in the review of the Statements of Interest.

A chart similar to the following will be included for each item on the bulletin. The Rating Description and weighted percent will vary for each item.

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

Rating Description	Weighted %
Past Performance in Project Categories	0-30
Proposed Staffing from Prime and any subconsultants	0-30
Proximity of firm to project location	0-10
Proposed DBE use	
The firms experience with required project work	0-30
Firms understanding/method of accomplishing project requirements	0-30
Specific project information, not covered by the descriptions above	0-30

NOTICE

Overhead Rates

This is a reminder that consultant firms doing business with the Department should ensure they are using the correct overhead rate type consistent with their accounting practices and the project scope.

The vast majority of consulting firms doing business with the Department have a single, combined overhead (OH) rate for payroll burden, fringe expense rate, and general administrative expense. This OH rate is often referred to as a Combined or Blended rate. However, there is a small percentage of firms who have multiple OH rate types. These multiple OH rate types often include a Home Office Rate, a Field Office Rate and sometimes a Combined Rate.

Firms with multiple OH rate types should ensure they are using the correct OH rate type when completing cost estimates and when invoicing the Department. The OH rate type should be consistent with the firm's accounting practices and should be discussed with the Department's project manager during initial contract discussions and/or meetings.

NOTICE

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

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

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 Structures - Highway: Advanced Typical Highway: Typical Structures - Mass Transit

If the firm's status is Ranking Process, the prequalification category reviews have not been completed.

In this example, the firm's prequalification status by category remains as is, until IDOT completes the review of the category.

At this point, the firm is prequalified in Location Drainage, and Construction Inspection.

The firm is not prequalified in Sanitary.

For the Reconstruction/Major Rehabilitation, the category has not been reviewed. If they were qualified previously they are qualified, if they were not qualified in the previous submittal then they are not qualified.

SEFC Applications		Categories		
App Id	Application Date	Category	Qualified	Comments
SEFC ID :	07/16/2015	Special Studies - Location Drainage	X-Qualified	
SEFC ID :	08/05/2014	Special Services - Sanitary	A-Denied Prequalification	No experience. Mapping an existing sewer is not designing. We're looking for Sanitary/Storm sewer design within transportation ROW.
SEFC ID :	07/01/2013	Location Design Studies - Reconstruction/Major Rehabilitation		
SEFC ID :	10/30/2012	Special Services - Construction Inspection	X-Qualified	

A reminder to firms, only one active application at a time is allowed. If there are necessary revisions needed while IDOT is reviewing, such as key personnel have left firm, expired insurance, or anything effecting the firms prequalification status send an e-mail explaining the situation. Once IDOT has completed the review, go to EPAS select amend and make the necessary revisions.

Navigating the web-site for Engineering Consultant Firms

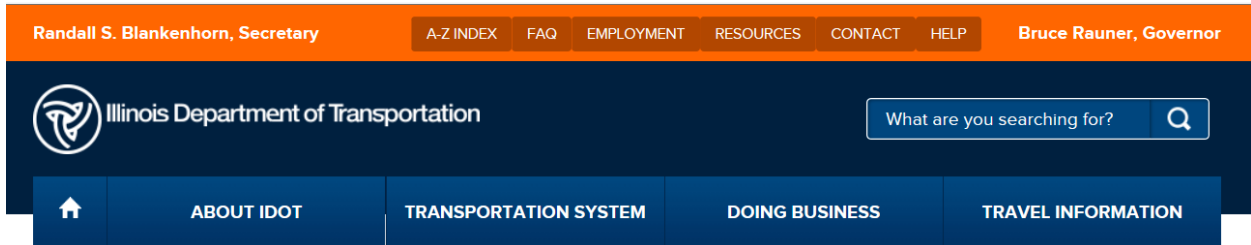
This gives a quick overview of the website and locations of data typically used by Consultant Engineering firms. Most information is located under the Doing Business, Procurements, Engineering, Architectural & Professional Services: <http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index>

The screenshot shows the Illinois Department of Transportation website. At the top, there is a navigation bar with the names of the Secretary (Randall S. Blankenhorn) and Governor (Bruce Rauner), and a menu with links for A-Z INDEX, FAQ, EMPLOYMENT, RESOURCES, CONTACT, and HELP. Below this is the IDOT logo and a search bar. The main navigation menu includes links for Home, ABOUT IDOT, TRANSPORTATION SYSTEM, DOING BUSINESS, and TRAVEL INFORMATION. The 'DOING BUSINESS' section is expanded, showing a breadcrumb trail: Home > Doing Business > Procurements > Engineering, Architectural & Professional Services. The main content area is titled 'Engineering, Architectural & Professional Services' and contains two paragraphs of text. The first paragraph discusses the department's need for specialized work and its Multi-Modal Multi-Year Transportation Improvement Program. The second paragraph explains the prequalification process for firms. To the left of the main content is a sidebar with links for 'About IDOT', 'Transportation System', 'Doing Business', 'Construction Contractors Quick Links', 'Procurements', 'Engineering, Architectural & Professional Services', 'Land Acquisition Services', and 'Construction Services'. To the right is a 'Quick Links' section with links for 'Consultant Resources', 'EPAS', 'Highways Procurement Policy Review (HPPR)', 'Industry Marketplace', and 'Vendor Documents System'. At the bottom of the main content area is a horizontal menu with tabs for 'Prequalification', 'Bulletin', 'Statement of Interest', 'Compliance & Admin', and 'Stay Connected'.

The tabs for Prequalification, Bulletin, etc. contains additional information for Consultant Engineering firms doing business with IDOT. There is a substantial amount of useful information; the following descriptions are only a portion of the data located here.

- Prequalification has a description of all prequalification categories, a current listing of all prequalified firms & the EPAS instruction manual for completing the SEFC & SOI.
- Bulletin has the most current PTB displayed and schedule for upcoming PTB's.
- Statement of Interest tab has the required forms for submitting a SOI
- Compliance & Admin contains information for selected firms such as, process to execute an agreement, the necessary forms, administrating a project (invoicing, closing out) and general IDOT policies.
- We encourage firms to select the Stay Connected and subscribe to the Engineering Consultant Subscription Service. The department uses this service to keep firms informed.

The resources page is also very useful. [Resources](#)



Resources

This page is designed to help our visitors and users find a comprehensive list of manuals/guides, forms, reports etc. without having to access individual pages within the four main areas on the primary navigation of the site.



The Archives have past Professional Transportation Bulletins and the listing of selected firms

The Forms contain all IDOT forms. The Consultant Forms are located under “D” and then Design and Environment.



A | B | C | **D** | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T

Forms

The following is a complete list of forms in accordance to the alphabet letter chosen above. The following number. **IDOT forms are best viewed using Internet Explorer.**

▶ Data Collection

▼ Design and Environment

- BDE 100 Template: Agreement for Subconsultant Services (12/20/16) 
- BDE 101 Template: Supplemental Agreement for Subconsultant Services (12/20/16) 

Notice Of IDOT ELECTRONIC ENGINEERING CONSULTANT SUBSCRIPTION SERVICE November 10, 2010

To receive updates related to the Prequalification of Consultant Engineering Firms, the Publishing of the Professional Transportation Bulletin, or other information related to Consultant Engineering through the free subscription service; please follow the instructions for subscribing. The information for both these items will be automatically e-mailed to the subscriber upon release.

Located at: [Stay Connected](#)

Instructions to Subscribe

Please Note:

By subscribing to the IDOT-PTB list, you will receive both the Prequalification of Consultant Engineering Firms list as well as the Professional Transportation Bulletin

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: subscribe-dot-ptb@lists.illinois.gov
2. Send message
3. A confirmation e-mail will be sent to the subscriber asking them to reply or click a link.

Instructions to Unsubscribe

Prepare an e-mail to the IDOT Subscription Server by using the following e-mail address as noted below:

1. Address the e-mail message to: unsubscribe-dot-ptb@lists.illinois.gov
2. Send the message.
3. A confirmation e-mail will be sent to you removing you from the subscription list.

NOTICE

UsDOT 1050.2A, Appendix E will be included in all new agreement contracts, including new supplements.

USDOT 1050.2A APPENDIX E

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

Pertinent Non-Discrimination Authorities;

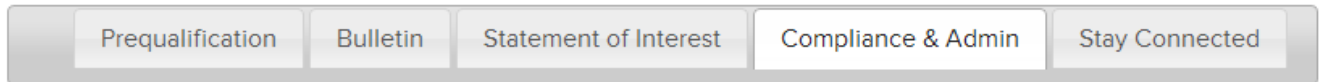
- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42U.S.C. §460 I), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 *et seq.*), (prohibits discrimination on the basis of sex);
- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR Part 27; The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex); The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not); Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.P.R. parts 37 and 38; The Federal Aviation Administration's Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex); Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations; Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

Notice

Reminder for Payroll Rate Submittal

To avoid delays and expedite the agreement process it is critical to use the latest forms. Go to the IDOT website and use the latest form for updating the firms Payroll Rates. **Do Not use existing forms.** Use the latest forms on the website under [Resources: Design and Environment](#)

Additional Information for the Cost Estimates and Consultant Services is available on the website, under [Compliance & Administration](#)




Compliance & Administration

Selected firms will receive the name of the IDOT Project Manager who will be the sole point of contact for the contract. This section of the website organizes all relevant information needed for the following processes.

[Agreement Execution](#) | [Administration of the Project](#) | [Policy & Procedures](#)

Agreement Execution

The [Standard Agreement Provisions for Consultant Services \(SAPCS\)](#)  are incorporated into the agreement and along with the scope of services, schedule, and cost. The agreement process is initiated after the selection is made in accordance with the Architectural, Engineering and Land Surveying Qualifications Based Selection Act.

For the requirements of a complete agreement proposal package please select the appropriate type of agreement below.

- [▶ Prime Agreement](#)
- [▶ Supplemental Agreement](#)

Notice
for
Teaming for Professional Transportation Bulletin Items
10-1-15

IDOT allows the practice of multiple firms joining efforts (prequalification categories and staff) to submit as a prime on a Professional Transportation Bulletin. The action of joining forces with another consultant to submit on a Professional Transportation Bulletin is called Teaming. If the firm wishes to use the option of Teaming, it is chosen on Exhibit A in EPAS.

Teaming

*Will the firm be entering into a Teaming Agreement for the item (The lead firm must be the one submitting for the item)?

--Please Select--
--Please Select--
Yes
No

When submitting as a team, the collective prequalifications of the team are used to determine eligibility. When a Team is selected, negotiations proceed with the Team. Contracts are executed with the Team at the end of successful negotiations.

Statements submitted by Teams may be considered unless specifically prohibited in the advertisement. The Team Agreement is signed by all parties and must be included with the statement of interest.

The Team entity will have the sum of the individual firms' prequalification, capacity and evaluation history. IDOT **DOES NOT** have a form for Team agreements. The firms submitting as a Team are required to obtain and submit the Team agreement.

If a firm is submitting as part of a Team, then the firm may not submit as a prime alone or as part of another Team on the same item. The required insurance coverage applies to the Team entity. Each individual firm's current obligations (work left), delinquent debt, Iran disclosure, and disclosure forms A&B must be completed by each of the team members. The Team entity will submit one statement of interest with the following specified:

- The firm managing the Team/Project, i.e. the lead firm;
- The Firm invoicing (typically the lead firm);
- The firm responsible for each prequalification category (must be prequalified in the category of work the firm is performing);
- Key personnel names with firm name on Exhibit A.

Teams Statements of Interest are submitted through EPAS. The firm's interested in performing as a Team(s) must coordinate with each other and submit through EPAS. The lead firm submits the Team Agreement and the Team entities must submit the required forms. See the EPAS Instruction manual.

Review the [EPAS Instruction Manual](#) for details on submitting Statements of Interest through Teaming

Notice for Mentor-Protege:

Available on the internet:

- Templates for Quarterly and Final Mentor-Protégé Reports.
- Mentor-Protégé Implementation has been revised.
- Assessment Templates for the Mentor and Protégé are also available.

See The [Mentor Protege for Engineering Consultants](#)

The screenshot shows a web interface with a navigation bar at the top containing two tabs: "Construction" and "Engineering". The "Engineering" tab is selected. Below the navigation bar, the heading "Engineering" is displayed. A paragraph of text states: "The Engineering Mentor-Protégé Program was created in 2009 at the Illinois Department of Transportation. Please select from the following topic below to view more information." Below this text are three expandable menu items: "Learn More", "How to Get Started", and "Forms". The "Forms" menu is expanded, revealing a list of links under several categories: "Submitting a Plan" (Plan approval letter template, Phase I Mentor Protégé Example Template, Phase II Mentor Protégé Example Template, Phase III Mentor Protégé Example Template), "Compliance" (Mentor-Protégé Compliance Check Sheet), "Reporting" (Quarterly Report, Final Report), and "Required Assessments" (Mentor Assessment). Each link is accompanied by a small icon representing a document.

NOTICE

2-26-13

This requirement is NOT a criteria for Selection.

For PTB 166 and all subsequent PTB's and related supplements:

TRAINING/APPRENTICESHIP PROGRAMS. The CONSULTANT and all CONSULTANT's subcontractors must participate in applicable apprenticeship and training programs approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training for all on-site construction related activities, including material testing and drilling, performed by laborers, workers and mechanics. For purposes of this Agreement, engineers, architects and land surveyors are considered "professional services" as defined in Section 30-15 of the Procurement Code and are not considered laborers, workers or mechanics. With respect to material testing and drilling, these requirements do not apply where the work is performed in a county without a prevailing wage classification for material testing as provided by the Illinois Prevailing Wage Act, 820 ILCS 130/1 et seq.

For the listing of prevailing wage classifications within a county, go to The [Illinois Department of Labor](#).

SB 51 Rules

Impacts

- Reporting is required on all communications with outside entities that do or want to do business with a state employee if the conversation is procurement specific.
- IDOT immediately recognizes the issues with reporting publically procurement conversations.
- IDOT stopped scheduling meetings with outside entities about future procurements.

SB 51 Communications Reporting Aftermath

- Two long years pass
- Firm/vendors hire and lose talent
- Firm/vendors purchase new technology
- Firm/vendors develop other relationships

SB 51 Communications Report Relief

- Senator Harmon has a task force that is looking at the procurement reform legislation to see if additional changes to the procurement laws are appropriate.
- Task force will continue their work through the summer.
- No action to date.

New Rules

- IDOT staff determines their schedule.
- Firm/vendor must provide an agenda two days before the meeting.
- Consulting firm/firm/vendor must take notes.
- All IDOT employees should also take notes.
- Outside entities must sign an OCC 2500 Form that they are aware of the communications reporting laws and will adhere to all of IDOT's policies.
- Lobbyists of firm/vendors are not prohibited from attending these scheduled meetings since no reportable discussions are to take place. Meetings with lobbyists are permissible as long as these rules are followed.
- No meetings less than two weeks before a Selection Committee Meeting or construction letting.
- All notes, the form signed by the firm/vendor and the agenda provided should be retained by the IDOT employee that scheduled the meeting.

▪ **Discussions are limited to:**

- Firm/vendor personnel
- Firm/vendor past experience
- Work done for local agencies, other state agencies or other states
- Technology
- Goods or Services performed by firm/vendor

▪ **NO PROCUREMENT DISCUSSION – PERIOD**

- If procurement discussions occur, we take firm/vendors notes, add ours as necessary and post them on the internet.
- If procurement discussions occur, firm/vendor may be barred from meeting with anyone from IDOT for a year.

Notice For

Department Manuals, Memorandums, & Rules

The following is available on our website under the [Resources](#) Link

[Aeronautics Part 14 Aviation Safety Rules](#)

[Aeronautics Part 16 Airport Hazard Zoning Rules](#)

[All Bridge Designer Memoranda](#)

[Bureau of Bridges and Structures Documents, Manuals and Procedures](#)

[Bureau of Construction Current Construction Memorandums](#) [Bureau of Design and Environment Manuals & Memorandums](#) [Bureau of Land Acquisition Policies and Procedures Manual Updates](#)

[Coded Pay Items](#)

[CREATE Manuals](#)

[Land Acquisition Manual](#)

[Bureau of Local Roads Circular Letters](#)

[Bureau of Local Roads Manual](#)

[Bureau of Safety Engineering Programs, Policies & Manuals](#)

[Construction Manual](#)

[Geotechnical Documents Manuals and Procedures](#)

[Government Electronic Records Act](#)

[IDOT Drainage Manual](#)

[Illinois Highway Info System Roadway Info & Procedure Manual](#)

[Illinois Highway Info System Structure Info & Procedure Manual](#)

[Illinois Highway Info System Railroad Info & Procedure Manual](#)

[Illinois Traffic Monitoring Program](#)

[Manual on Uniform Traffic Control Devices Oversize/Overweight Permit Policy Manual](#) [Project Procedures Guide](#)

[Quality Standard for Work Zone Traffic Control Devices](#)

To order go to [Manual Sales](#)

NOTICE DBE FIRMS AND PROJECT GOALS

The firms noted as DBE on the List of Pre-qualified Consultants on IDOT's website are firms certified as a DBE in specified areas. List of [Prequalified Firms](#).

It is the responsibility of all prime consultant firm to go to the [Illinois Unified Certification Program](#) web site to verify the subconsultant is certified as a DBE in the area of work the sub will be performing on a specific project. Only the established pre-qualified areas of work the DBE firm is prequalified and certified in as a DBE will be considered toward the project's DBE goal.

Each list of tasks specified on a DBE's Cost Estimate Consultant Services (CECS) is verified for DBE certification.

If you have any questions on DBE certification, please contact the Office of Business and Workforce Diversity. (217) 782-5490

“Special Notice Regarding Disadvantaged Business Enterprises”

The Illinois Department of Transportation (IDOT) has designated various projects advertised in the Professional Transportation Bulletin as requiring participation by Disadvantaged Business Enterprises (DBEs). As a condition for any firm to be considered for a project requiring DBE participation, it must subcontract a minimum of the designated percent to a DBE. Each firm’s letter must include a statement that it intends to subcontract the designated percent to a DBE. The Exhibit A in the Statement of Interest must include the DBE Consultant and the category of work they are going to perform.

To be considered as a prime consultant or subconsultant, a DBE must be prequalified with IDOT’s Division of Highways’ Bureau of Design and Environment (BDE). IDOT’s Bureau of Small Business Enterprises (SBE) maintains a Disadvantaged Business Enterprises Directory of certified DBEs for the purpose of providing a reference source to assist firms. You can view/print and download the most current listing of DBE firms at IDOT’s web site <http://www.idot.illinois.gov> under “Doing Business” “Small Business Enterprises” “Disadvantaged Business Enterprises (DBE) Program/IL UCP DBE Directory.” DBE firms who are prequalified by BDE and are interested in performing consultant work are listed under the UCP Directory by Category, Architecture/Engineering Sorted by firm. Any firm desiring to subcontract work to firms that are not certified DBEs should encourage them to become certified by contacting SBE’s Certification Section at (217) 782-5490.

Failure to assign at least the designated percent to one or more DBEs or to demonstrate that a good faith effort was made to assign the designated percent shall result in one of the following:

1. Notification to the prime consultant that the Agreement will not be signed until the percentage of DBE participation is met.
2. The Agreement will be signed with the understanding that payments to the prime consultant will be reduced by an amount determined by multiplying the total Agreement fee by the designated percent and subtracting the dollar value of DBE subcontracts.
3. Contract negotiations will be terminated.

Upon completion of the contract, should it be determined the prime consultant failed to assign the designated percent to an eligible DBE or demonstrated that a good faith effort was made to assign the designated percent as agreed upon, payment to the prime consultant will be reduced by the amount set forth in number 2 above.

A complaint regarding any decision rendered by or action by any Division or Office of IDOT pursuant to these requirements may be filed with the Secretary of IDOT.

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

Following selection, all proposal packages submitted to the Illinois Department of Transportation (IDOT) must contain the firm's IDHR number and the expiration date. The Department is required by law to require this number from all parties contracting with the State of Illinois. If your firm currently does not have an IDHR number the application form may be obtained from the IDHR web site link: [IDHR](#). Information may also be obtained by contacting: DHR, Public Contracts Section Public Contracts Division 100 W. Randolph, Suite 10-100 Chicago, IL 60601 or by calling: 312-814-2432 (TDD 312-263-1579)

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

Please be aware that, as of January 1, 2010, per Public Act 096-1786, all those filing for, *or renewing*, an IDHR number, will be charged a \$75.00 registration fee. Such registration will be valid for 5 years from the date of issuance.

Overtime Billing **for** **Engineering Consultant Contracts**

The engineering consultant firm may bill overtime in accordance with Section 2.86 of the Standard Agreement Provisions and the following. When the employee in the same pay period, has worked on more than one project, the amount premium wages charged to a project must be in direct proportion to the total number of hours the employee worked in that pay period. (i.e. total hours worked in pay period = 50 hours (10 of which are premium hours), 25 total hours for the pay period on the project, 5 hours of overtime may be charged to the project.)

Notice

Documentation of Contract Quantities Class

Since July 2008, the "Documentation of Contract Quantities" class and re-tests have been administered by the University Of Illinois - Illinois Center for Transportation, and is currently coordinated by Greg Renshaw, PE. The Illinois Center for Transportation (ICT) <http://ict.illinois.edu/> is an innovative partnership between IDOT and the University of Illinois at Urbana-Champaign (UIUC). All transactions and correspondence will now be through ICT and no longer with the Illinois Department of Transportation (IDOT) Central Bureau of Construction. Fees are now being charged for all classes and retests and will be required at the time of registration.

Greg Renshaw, PE can be contacted at grenshaw@illinois.edu, phone (217)300-6375. Course and retest dates typically take place from November through April.

For consultant and local agency enrollment, as well as answers to frequently asked questions (FAQ), the "Documentation of Contract Quantities" is located at the U of I training website <http://ict.illinois.edu/outreach/documentation-training/>

Typically, in late September/early October the class schedule for the next fall/winter/spring's Documentation of Contract Quantities classes is posted. Also, firms can sign up for an automatic email reminder via ICT's website (see "Join Notification List") whenever new information is posted on their website.

NOTICE OF TRAINING OPPORTUNITY Updated 9-23-14

LAKELAND COLLEGE TRAINING COURSES

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

Kathy Willenborg

Lake Land College

5001 Lake Land Blvd.

Mattoon, IL 61938-9336

Phone: (217) 234-5285

Fax: (217) 234-5381 E-Mail: idotqcqa@lakeland.cc.il.us

Internet Homepage: <http://www.lakeland.cc.il.us/as/idt/index.cfm>

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

The National Highway Institute (NHI) Course listing as well as other pertinent information is available at the following address:

<https://www.nhi.fhwa.dot.gov/default.aspx>

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

The National Transit Institute (NTI) Course listing as well as other pertinent information is available at the following address:

<http://www.ntionline.com>

ILLINOIS CENTER FOR TRANSPORTATION

University of Illinois at Urbana-Champaign Erosion Control Research and Training Center (ECRTC).

Please visit the web-site for further information on course schedule and registration information:

<http://ict.illinois.edu/outreach/erosion-control-workshop/>

For questions about registration and cancellations contact:

Trachia Wilson

Email: tstolz@illinois.edu

Phone: 217-300-3197.