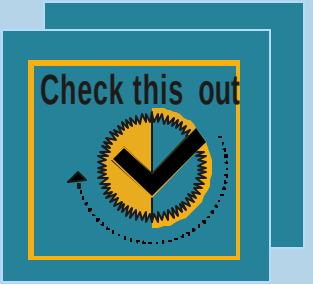
Professional Transportation Bulletin

PTB 194

November 07, 2019
Revised November 13, 2019
Revised November 14, 2019

Statements of Interest are due before 12:00 p.m.
on December 05, 2019
Selection Date: January 29, 2020



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

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: January 29, 2020

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

REVISION DATE: **Thursday, November 14, 2019**

Item 8 was revised with the following change:

- Removed the limitation of "Teaming agreements will not be allowed on this project."

Item 11 was revised with the following change:

- Added the following back into Corridor Management services: Des Plaines River Bridge reconstruction and Chicago Street and Center Street interchange.

REVISION DATE: **Wednesday, November 13, 2019**

Item 6 was revised with the following change:

- Removed Special Services (Hazardous Waste: Simple) requirement.

Item 11 was revised with the following change:

- Removed the following Corridor Management services: Des Plaines River Bridge reconstruction and Chicago Street and Center Street interchange.

State Of Illinois
Contact Information

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 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

Region 1

District 1
Mr. Anthony Quigley
201 West Center Court
Schaumburg, IL 60196

Region 2

District 2
Mr. Masood Ahmad
819 Depot Avenue
Dixon, IL 61021

District 3
Mr. Masood Ahmad
700 East Norris Drive
P.O. Box 697
Ottawa, IL 61350

Region 3

District 4
Mr. Kensil Garnett
401 Main Street
Peoria, IL 61602

District 5
Mr. Kensil Garnett
Route 133 West
P.O. Box 610
Paris, IL 61944

Region 4

District 6
Mr. Jeffrey Myers
126 East Ash St.
Springfield, IL 62704

District 7
Mr. Jeffrey Myers
400 West Wabash
Effingham, IL 62401

Region 5

District 8
Mr. Keith Roberts
(acting)
1102 Eastport Plaza Drive
Collinsville, IL 62234

District 9
Mr. Keith Roberts
(acting)
State Transportation Building
P.O. Box 100
Carbondale, IL 62903

Tentative Schedule
For
Professional Transportation Bulletins

ACTIVITY	PTB 195	PTB 196	PTB 197	PTB 198	PTB 199	PTB 200
PUBLISH PTB	**02-06-20**	**05-07-20**	**08-06-20**	**11-05-20**	**02-04-21**	**05-06-21**
***STATEMENTS OF INTEREST ARE DUE	**02-27-20**	**05-28-20**	**08-27-20**	**12-03-20**	**02-25-21**	**05-27-21**
SELECTION MEETING	**04-22-20**	**07-22-20**	**10-21-20**	**01-27-21**	**04-21-21**	**07-21-21**

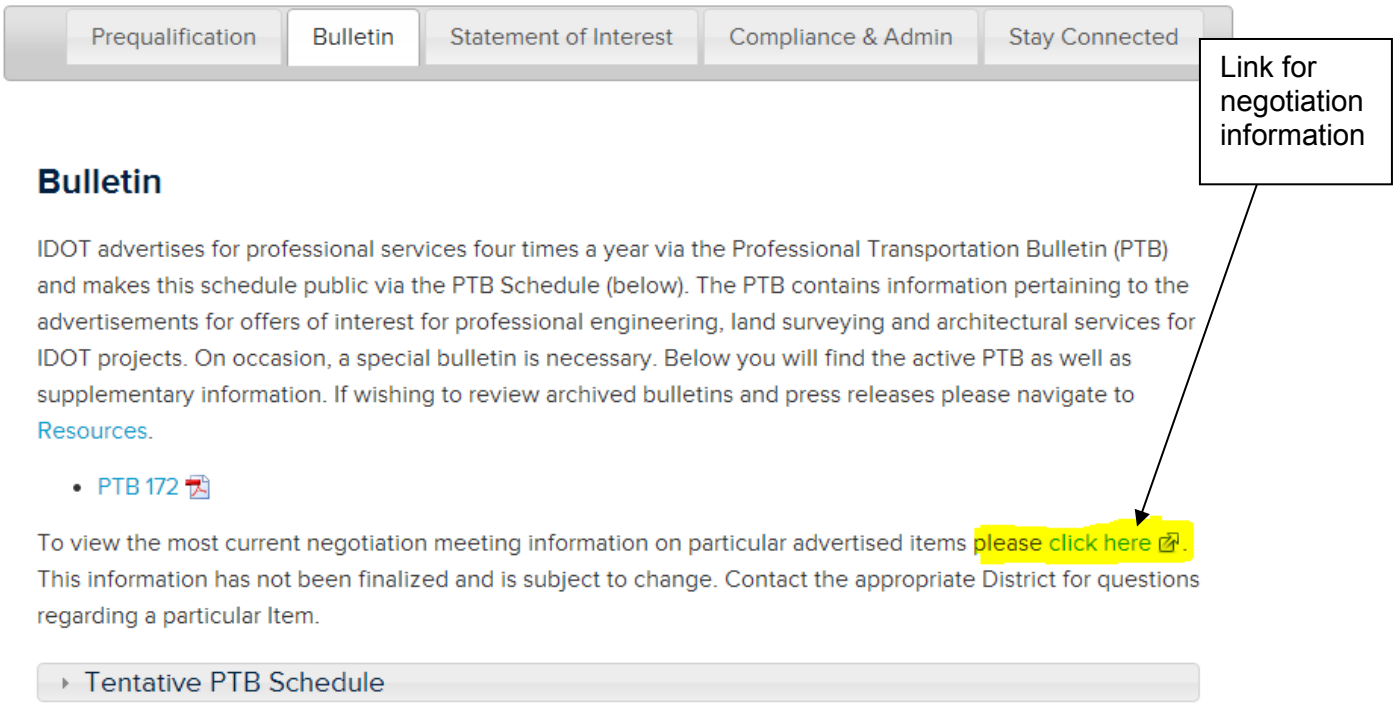
***** STATEMENTS OF INTEREST FOR THE CURRENT PTB MUST BE RECEIVED BETWEEN, Publish Date 11-07-19 & 12-05-19 (12:00 P.M. NOON)**

STATEMENTS OF INTEREST RECEIVED AFTER 12:00 P.M. WILL NOT BE CONSIDERED.

Only SUBMITTALS through EPAS will be considered for Professional Transportation Bulletins.

NOTICE

Proposed Negotiation Meeting information for Items will be available under the Bulletin Tab at the following link: Negotiation Data



Region 1
Anthony Quigley
- **District 1**
  - Items 1 - 19

Region 2
Masood Ahmad
- **District 2**
  - Items 20 - 25
- **District 3**
  - Items 26 - 33

Region 3
Kensil Garnett
- **District 4**
  - Items 34 - 37
- **District 5**
  - Items 38 - 42

Region 4
Jeffrey Myers
- **District 6**
  - Items 43 - 47
- **District 7**
  - Item 48

Region 5
Keith Roberts (acting)
- **District 8**
  - Items 49 - 60
- **District 9**
  - Items 61 - 63

Bureau of Design and Environment
Jack Elston
- Item 64* - 65

Bureau of Operations
Amy Eller
- Item 66

** Selected & administered by the Illinois New Harmony Bridge Authority elected and administered by*

NOTICE

Exhibit B

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)

Select...

*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#

Select...

*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.)

Select...

NOTICE

Specialty Categories

Thursday, November 7, 2019

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

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

These categories consist of:

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

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

NOTICE

Salary Cap

***Effective*: Thursday, November 7, 2019**

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

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

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #194
Publish November 07, 2019

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

A notification of the PTB being published is sent to each professional consultant on IDOT's subscription server list. A Professional firm who is not prequalified may obtain the necessary information and forms to become prequalified from the INTERNET 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 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 RECEIVED BY THE BUREAU OF DESIGN AND ENVIRONMENT, VIA EPAS, PRIOR TO 12:00 P.M. Central Standard Time, December 05, 2019. 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).

Information for Submitting Statements of Interest (SOI)

The firm acting as the prime must be prequalified in all of 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.

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 EPAS instruction manual is located on the IDOT Website under Resources: Manuals & Guides: EPAS Manual

Information to consider when submitting:

- A brief statement of the firm's interest in performing the work. (Should be concise to the point, suggest approximately 2 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.

Information for Submitting Statements of Interest (SOI)

- **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.

- Under 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.

- Under: 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.

- Under 6. Include the Subconsultant Utilization Plan. It is not required to be completed at SOI time. Must match the SOI subs, categories and estimated percent's. Sub U-Plan Required to be completed if selected.

- The Current Obligation's information is an on line application in EPAS. It must be completed before you submit the Statements of Interest.

- 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. In addition, **Form B** should not include IDOT projects, since this information is already included in the **Current Obligations**.

- The Delinquent Debt 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.

- The Disclosure of Business Operations in Iran 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.

- 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 considered.

  Note: Actual signatures are required on the documents. Documents without actual signatures will be returned.

PROFESSIONAL TRANSPORTATION BULLETIN

REQUIRED FORMS

FOR

STATEMENT OF INTEREST SUBMITTAL

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.

Please review the EPAS manual instructions for the submittal process. EPAS Manual

- The BDE Current Obligations is completed in EPAS; it is not a separate document.
- The Delinquent Debt is generated in EPAS based on the Statements of Interest applications and is required to be completed by prime and subs and attached in the EPAS application.
- The Disclosure forms A & B are submitted via EPAS. The form is required to be completed, signed and attached separately and then attached in the EPAS Application.
- The Disclosure of Business Operations in Iran BDE Form (BDE 2900), the form is required to be completed and attached separately and then attached in the EPAS Application.

Required forms are located at under the under the *Statement of Interest Tab*. D&E Forms

All signatures are required to be actual signatures.

Forms without an actual signature will be returned.

TABLE OF CONTENTS
PTB 194

Item	County	Description
Region 1/District 1		
1	Cook	Job No. D-91-312-20, FAP 362 Barrington Road from Illinois Route 62 (Algonquin Road) to Central Road, Phase II Engineering Services
2	Cook	Job No. C-91-096-08, Palatine Road at Des Plaines River – Frontage Road Bridges, Phase III Engineering Services
3	Cook	Job No. C-91-002-20, I-90 (Kennedy Expressway): IL 43 (Harlem Ave) to I-94 (Edens JCT), Phase III Engineering Services
4	Various	Job No. V-91-004-20, Various Phase III Construction Inspection Projects
5	Cook	Job No. C-91-280-12, Wolf Road: IL 21 (Milwaukee Ave) to N. of Hintz Road, Phase III Engineering Services
6	Various	Job No. D-91-311-20, Phase II Engineering Services are Required for Project Support & Engineering Management
7	Various	Job No. P-91-019-20, Various Phase I Engineering Services
8	Various	Job No. M-91-003-20, Various Maintenance Construction Engineering/Erosion and Sediment Control/Landscape Architecture Projects
9	Will	Job No. D-91-205-19, I-80 from Chicago Street to US Route 30; Briggs Street Interchange, Phase II Engineering Services
10	Will	Job No. D-91-206-19, I-80 from East of Ridge Road to Houbolt Road; I-55 Interchange, Phase II Engineering Services
11	Will	Job No. D-91-207-19, I-80 from Houbolt Road to West of Center Street; Larkin Avenue Interchange & I-80 Design Corridor Management, Phase II Engineering Services
12	Various	Job No. MT-91-001-20, Various Phase III Quality Assurance for Aggregate/HMA/PCC and Other Material Inspection Projects
13	Cook	Job No. C-91-185-14, 127th Street at Tinley Creek Int IL 83 (Cal Sag Road) & 127th Street, Phase III Project
14	Various	Job No. V-91-003-20, Various Phase III Construction Inspection Projects
15	Cook	Job No. C-91-280-14/C-91-310-15, I-90 at I-290/Congress Parkway (Jane Byrne Interchange) – I-90/94 (NB): Roosevelt Road to Lake/Madison Street & High Mast Lighting & Intelligent Transportation Systems, Phase III Project
16	Various	Job No. V-91-005-20, Various Phase III Bridge Painting Inspections

TABLE OF CONTENTS
PTB 194

Item	County	Description
17	Cook	Job No. C-91-311-15, I-90 at I-290/Congress Parkway (Jane Byrne Interchange) – I-90/94 (SB): Roosevelt Road to Lake/Madison Street, Phase III Construction Inspection Services
18	Various	Job No. P-91-020-20, Various Phase I Studies
19	Various	Job No. D-91-313-20, Various Phase II Traffic Signal Design Projects
Region 2/District 2		
20	Henry	Job No. P-92-001-17/D-92-001-17, IL 81 from 0.1 M. W. of Union St. to 0.3 M. W. of IL 78 in Kewanee, Phase I & II Engineering Services
21	Ogle	Job No. P-92-016-09/D-92-001-20, Interchange Reconstruction of IL 38 over I-39 E. of Rochelle and IL 38 from Dement Rd E. of Rochelle to 0.5 M. W. of Mulford Rd., Phase I & II Engineering Services
22	Ogle & Winnebago	Job No. P-92-081-96/D-92-081-96, Reconstruction of IL 2 from IL 72 (E) in Byron to Beltline Road South of Rockford, Phase I & II Engineering Services
23	Various	Job No. P-92-003-19, Various Phase I/II Engineering Services
24	Various	Job No. MT-92-001-20, Materials Laboratory Assistant (MLA) for Various Materials Inspections (PCC, HMA, Aggregate & Soils)
25	Winnebago	Job No. P-92-009-07/D-92-009-07 and P-92-004-20/D-92-009-20, Springfield Ave. and IL 251, Phase I & II Removal and Replacement of Structures
Region 2/District 3		
26	Various	Job No. P-93-016-20, Various Phase I/II Land Surveying Projects
27	Various	Job No. P-93-021-20, Various Phase I/II Engineering Projects
28	Various	Job No. V-93-001-20, Various Phase III Construction Inspection Projects
29	Various	Job No. P-93-018-20, Various Phase I/II Engineering Projects
30	Various	Job No. P-93-019-20, Various Phase I/II Engineering Projects
31	Kankakee	Job No. P-93-022-20, I-57 Interchange with US 45/52 in Kankakee, Phase I and II Engineering Services
32	Various	Job No. P-93-017-20, Various Phase I/II Land Surveying Projects
33	Various	Job No. P-93-020-20, Various Phase I/II Engineering Projects

TABLE OF CONTENTS
PTB 194

Item	County	Description
Region 3/District 4		
34	Various	Job No. P-94-015-19, Various Phase I/II Geotechnical Engineering Projects
35	Various	Job No. P-94-006-20, Various Phase I/II Engineering Projects
36	Various	Job No. V-94-002-20, Various Phase III Construction Inspection Projects
37	Various	Job No. V-94-003-20, Various Phase III Construction Inspection Projects
Region 3/District 5		
38	Champaign	Job No. C-95-020-17, Phase III Construction Inspection, I-74
39	Champaign	Job No. P-95-031-19, US 150 from I-74 Interchange to ILL 10 (Springfield Ave) in Champaign, Phase I and II Engineering Services
40	Various	Job No. P-95-032-20, Various Phase I/II Engineering Projects
41	Champaign	Job No. P-95-030-19, I-57 Bridge Superstructure Rehabilitation Under CH 17 1.8 MI E of Sadorus, Phase I and II Engineering Services
42	McLean	Job No. P-95-049-16, FAP 730 (US 51 Business) from College Ave. in Normal to Olive St. in Bloomington, Phase I & II Engineering Services
Region 4/District 6		
43	Sangamon	Job No. D-96-013-20, MacArthur Boulevard from Wabash/Stanford Avenue to South Grand Avenue, Phase I and II Rehabilitation/Reconstruction
44	Adams	Job No. S-96-001-20, IL 57 / US 24 from north of IL 104 (Broadway St.) in Quincy to I-172 south of Marblehead, Phase I Engineering Feasibility Studies
45	Various	Job No. D-96-014-20, Various Geotechnical Investigations
46	Various	Job No. D-96-016-20, Various Phase I/II Engineering Projects
47	Various	Job No. D-96-015-20, Various Phase I/II Engineering Projects
Region 4/District 7		
48	Various	Job No. D-97-048-20 ; Various Phase I/II Engineering Projects

TABLE OF CONTENTS
PTB 194

Item	County	Description
Region 5/District 8		
49	Various	Job No. D-98-068-20, Various Phase I & II Utility Coordination Projects
50	Various	Job No. D-98-073-20, Phase I/II Various Surveying Projects
51	St. Clair	Job No. P-98-014-20, IL Route 4/15 over the Kaskaskia River, Phase I Engineering Services, Fayetteville
52	Various	Job No. D-98-074-20, Various Phase I/II Surveying Projects
53	Various	Job No. D-98-075-20, Various Phase I/II Subsurface Utility Engineering
54	Various	Job No. D-98-071-20, Various Phase I/II Engineering Projects
55	Various	Job No. D-98-070-20, Various Phase II Land Surveying Projects
56	St. Clair	Job No. D-98-090-17, IL 111 over I-64 in Washington Park, Phase II Engineering Services
57	Various	Job No. P-98-018-20, Phase I/II Various Engineering Projects
58	Various	Job No. P-98-017-20, Phase I/II Various Engineering Projects
59	Various	Job No. D-98-072-20, Various Phase I and/or II Engineering Projects
60	Various	Job No. V-98-001-20, Phase III Various Construction Inspection Projects
Region 5/District 9		
61	Various	Job No. V-99-001-20, Various Phase III Construction Inspection Projects
62	Williamson	Job No. P- 99-006-20, TR 93 from Cambria road to County Line road, Phase I/II Engineering Services
63	Various	Job No. MT-99-031-20, Various Phase III Materials Inspection and Testing
Bureau of Design and Environment		
64	White	In-Depth Inspection and Structural Evaluation of the New Harmony Bridge, IL Route 14 (FAP 857), White County/Posey County
65	Statewide	Job No. P-30-004-20, Program Management Services for IDOT's Environmental Management System (EMS)

TABLE OF CONTENTS
PTB 194

Item	County	Description
Bureau of Operations		
66	Various	Job No. HPR-66-021-20, Transportation Systems Management and Operations (TSMO) Program Plan

1. **Job No. D-91-312-20, FAP 362 Barrington Road from Illinois Route 62 (Algonquin Road) to Central Road, Phase II Engineering Services, Cook County, Region One/District One.**

This project may contain **Federal Funds.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 7, 2020** at **10:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for improvements to Barrington Road (FAP 362) from Illinois Route 62 (Algonquin Road) to Central Road. The Consultant's work is expected to consist of preparing plans, specifications, and estimates to current standards for the reconstruction and widening of Barrington Road, including the TSL and structure plans for the replacement of the existing box culvert at Barrington Road over Poplar Creek. The proposed improvement also consists of modifying the roadway profile, modernization and replacement of traffic signals, and installation of a new shared-use path. The work may also include topographic survey, geotechnical services, and all other incidental work required to complete Phase II contract plans.

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

The following structure is included in this project, SN 016-1294 (proposed SN 016-2313) (Barrington Road over Poplar Creek).

The department will furnish the Consultant with any available as-built plans, microfilm plans, project report, Location Drainage Study, 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
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 current estimated construction cost for this project is $15,375,000. The completion date for this contract will be 18 months after authorization to proceed.

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

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

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

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

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

- The person who will perform/supervise the work in the area of traffic signal design (must be an Illinois Licensed Professional Engineer). The **Special Studies (Traffic Signals)** prequalification category requirement may be completed by the sub and/or prime Consultant.

- The person who will perform/supervise the work in the area of geotechnical analysis (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (General Geotechnical Services)** prequalification category requirement may be completed by the sub and/or prime Consultant.

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

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

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

2. <u>Job No. C-91-096-08, Palatine Road at Des Plaines River – Frontage Road Bridges, Phase III Engineering Services, Cook County, Region One/District One.</u>

This project may contain **Federal Funds**.

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

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

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

Phase III engineering is required to provide construction inspection services for the improvement of Palatine Road at Des Plaines River – Frontage Road Bridges. Work includes, but is not limited to, roadway reconstruction and ramp bridge rehabilitation. The work to the bridges will include concrete deck replacement, bearing replacement, expansion joint replacement, wing wall repair and substructure concrete repair. Any and all incidental and collateral work necessary to complete the improvement.

The following structures may be included:

- S.N. 016-0272 – (Palatine Rd over Des Plaines River - Westbound Structure)
- S.N. 016-0273 – (Palatine Rd over Des Plaines River - Eastbound Structure)

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 an Assistant Liaison Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

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

The Consultants Statement of Interest will be rated based on:

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

The anticipated construction completion date is November 22, 2020 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Assistant Engineer.
- The Documentation Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS-CMMS trained. Include the Documentation Certificate Number for IDOT).
- The Materials Coordinator.
- Materials Laboratory (QA Complete prequalified).
- The Survey Chief.

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

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

3. Job No. C-91-002-20, I-90 (Kennedy Expressway): IL 43 (Harlem Ave) to I-94 (Edens JCT), Phase III Engineering Services, Cook County, Region One/District One.

This project may contain **Federal Funds.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 6, 2020** 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-90 (Kennedy Expressway): IL 43 (Harlem Ave) to I-94 (Edens JCT). Work includes, but is not limited to, resurfacing (designed overlay), pavement patching, drainage work, safety countermeasures and bridge deck repair. All eastbound and westbound lanes and entrance and exit ramps within the project limits will be patched and resurfaced. The drainage work to be done includes slotted drain installation, drainage structure cleaning and reconstruction and storm sewer and drainage structure installation. The safety work to be done includes placement of shoulder rumble strips and reflector, delineator and guardrail installation. The bridge deck work to be done includes deck cleaning and sealing of various structures within the project limits. Any and all incidental and collateral work necessary to complete the improvement.

The following structures may be included:

- S.N. 016-0836 – (Lawrence Avenue at I-90)
- S.N. 016-1105 – (Ainslie Street at I-90)
- S.N. 016-1107 – (Milwaukee Avenue at I-90)
- S.N. 016-0659 – (Central Avenue at I-90)
- S.N. 016-0708 – (Nagle Avenue at I-90)
- S.N. 016-1106 – (Natoma Avenue at I-90)
- S.N. 016-1104 – (Sayre Avenue at I-90)
- S.N. 016-0309 – (IL 43 (Harlem Avenue) at I-90)

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

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

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

The Consultants Statement of Interest will be rated based on:

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

The anticipated construction completion date is October 31, 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 (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS/CMMS trained. Include the Documentation Certificate Number for IDOT).
- The Materials Coordinator.
- The Materials QA Technician (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing).
- Materials Laboratory (QA HMA/PCC & Aggregate prequalified).
- The Survey Chief.

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

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

4. Job No. V-91-004-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region One/District One.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 7, 2020** at **1:30 PM** 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. Eight (8) to twelve (12) engineers and /or engineering technicians are anticipated to be required during the 2020 and 2021 (if applicable) construction seasons. Typical assignments would include, but are not limited to, general construction inspection, project finalization and documentation, including PCC & bituminous concrete paving operations, drainage, patching, bridge structures, bridge painting and providing general assistance as a member of a field crew. Survey/layout services may be required. The Consultant will furnish a Project Manager and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies. This work may be in either English or metric units.

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

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

The Consultants Statement of Interest will be rated based on:

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

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

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

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

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

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

5. <u>Job No. C-91-280-12, Wolf Road: IL 21 (Milwaukee Ave) to N. of Hintz Road, Phase III Engineering Services, Cook County, Region One/District One.</u>

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 6, 2020** 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 Wolf Road: IL (Milwaukee Ave) to N. of Hintz Road. Work includes, but is not limited to, pavement reconstruction and widening; new combination concrete curb and gutter, storm sewer installation; pavement marking; sidewalk installation; adjustment of drainage structures; traffic signal modernization; and parkway restoration; Permanent, fully actuated, traffic signal installation is proposed at the Wolf Road and Strong Avenue intersection including the addition of left turn lanes on Wolf Road. Traffic signal modification, modernization and the addition of a right turn lane for eastbound to southbound traffic is proposed at the intersection of Wolf Road and Illinois Route 68 (Dundee Road). The traffic signals at Wolf Road and Strong Road will be interconnected with the traffic signals at Wolf Road and Illinois Route 68. Any and all incidental and collateral work necessary to complete the improvement.

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

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

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

The Consultants Statement of Interest will be rated based on:

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

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

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

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

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

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

6. <u>Job No. D-91-311-20, Phase II Engineering Services are Required for Project Support & Engineering Management, Various routes, Various Counties, Region One/District One.</u>

This project requires an **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 4, 2020,** at **9:00 AM** at the Region One/District One Office in **Schaumburg.**

Phase II engineering services are required for engineering management and project support as well as other functions as necessary to accomplish Phase II services. The Consultant will be available to provide staff responsible for structural and pavement design, cost estimating and economic analysis, railroad and utility coordination, CADD unit plan drafting, joint agreement preparation & negotiation, and geologic & waste assessment expertise and oversight. The Consultant may also be required to provide project managers to manage various Phase II projects, which are under contract with other Consultant engineering firms and any other personnel to assist in various plan preparation work tasks as required. The Consultant personnel may be expected to perform work similar to an IDOT employee and is expected to perform the work at the District's office. 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.

Teaming agreements will not be allowed on this project.

The department will furnish the Consultant with all department procedures, standards and specification, survey information, Project Reports, microfilm and all other available documents.

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

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	10
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
Provides guidance and expertise in all areas related to utilities, intergovernmental and railroad agreements, engineering management.	20

The estimated construction cost of these projects may range from $200,000 to $75,000,000. The estimated engineering fee for this project is $6,000,000. The completion date of the project will be 60 months after authorization to proceed.

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

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

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

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

- The person who will perform the duties of Pavement Design Engineer for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of Bridge Liaison Engineer for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of cost estimator for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).

- The person who will perform the duties of railroad and utility coordinator must have experience preparing and reviewing contract plans.

- The person who will perform the duties of geologic & waste assessment specialist must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Geologist. In addition, the following criteria is required:
  - Five to Ten years direct experience with special waste investigation, transportation project development and construction, and environmental laws, statutes and rules.
  - Detailed knowledge of United States and Illinois environmental regulations, as demonstrated by education, training and/or specific experience.
  - Competence with Microsoft Excel, Word, and Access.
  - OSHA 40 hours HAZWOPER training per 29CFR 1910.120.
  - Strong oral and written communication skills.

Specialized expertise on project related hazardous waste investigations and follows up actions. S/He works with environmental consultant contracts for investigation and remediation planning. This position advises the district office on appropriate procedures and/or courses of action relating to regulated substances encountered during project development and construction. This position prepares, reviews, and/or approves Special Provisions for contract lettings that conform to departmental guidelines, are compatible with engineering requirements, and follow state and federal rules and regulations. This position also performs in concert with the hazardous waste portion of the Environmental Resource Surveys and studies Program that is accomplished through a contract with Illinois State Geological Survey (ISGS).

Typical problems include the difficult balancing of acceptable quality assurance/quality control of investigations with the department's need for expeditious risk assessment and abatement of projects prior to construction. The greatest challenge is to satisfy the needs of each in an efficient, timely, and cost effective manner while abiding by federal and state law and department policy, and consistency with statewide department procedures.

The position manages the development of hazardous waste investigations and follows-up on involvements identified by ISGS and others and/or encountered during construction. S/he coordinates and conducts reviews of proposals, recommendations for selections, negotiating contracts, and the evaluation of performance of these state wide consultants.

Consultant is expected to provide guidance to the District by attending coordination meetings, participating in project field meetings, providing technical training when necessary, and preparing and distributing Technical Environmental Memoranda. Timely and accurate coordination and advice is necessary to assure protection of staff, contractors and the public when hazardous materials are encountered. Discretion is also necessary to elicit an appropriate response and not cause undue alarm.

Work may include the following: Uncontaminated Soil Certification forms (Illinois EPA LPC-663 forms); review construction plans that are identified as having potential involvement with special waste and ensure the correct pay items, quantities, and special provision(s) are included in the construction plans; review, approve, and administer regulated substances pre-construction plans and post construction reports prepared by the contractor; and interact with resident engineers before, during, and after construction as needed to properly document management of contaminated soils.

The geologic & waste assessment specialist position has authority to assign priorities, resolve technical problems, and monitor and approve consultant and contractor work for hazardous waste studies.

Primary responsibilities anticipated:

- Provides technical expertise and guidance to the District.
- Assures special waste documents conform to departmental guidelines, are compatible with engineering requirements, and consistent with state and federal law.
- Monitors special waste conducted by the District to assure that problems are adequately investigated and that the policy and procedures are uniformly applied.
- Directs the activities of consultants for hazardous waste studies and recommends approval of their work.
- Evaluates the performance of project special waste consultants and for their qualifications in hazardous waste.
- Keeps abreast of waste issues, both state and federal, and their potential effects on the department.
- Prepares special provisions for lettings based upon results of Phase II PSI results. Reviews construction plans prior to letting to ensure they are correct for special waste issues. Reviews regulated substances pre-construction plans and post-construction reports to ensure they are consistent with and correct for the special provision.

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

Highways (Roads and Streets)

Structures (Highway: Typical)

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

7. **Job No. P-91-019-20, Various Phase I Engineering Services, 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 5, 2020** at **10:00 AM** at the Region One/District One Office in **Schaumburg.**

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

The Consultant and/or their subconsultants on the 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 accident data, existing and projected traffic data, utility coordination, and right-of-way data, as well as archaeological, historical, wetland, and special waste survey coordination.

The Consultant will be expected to perform work similar to an IDOT Project Manager/Squad Leader & Staff, and report to the Consultant Studies Unit Head in the Bureau of Programming. The Consultant's work may include data collection, preparation of base maps, geometric studies, safety studies including accident analysis, capacity analysis including intersection design studies, route as well as stream surveys, project reports anticipated to be processed as Categorical Exclusions, bridge inspections and condition reports, drainage studies including Hydraulic Reports, cost estimates, public involvement, and all other related work necessary to complete various Phase I studies and tasks. The Consultant will be expected to perform work in the district office as needed. 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's Statement of Interest will be rated based on:

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

The cumulative cost of construction of these projects is anticipated to range from $50,000,000 to $100,000,000. 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 **Exhibits A & B** for this project must include:

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

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

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

- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer 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). In addition, the staff performing this work must be identified.

- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; drafting press releases and property owner contact letters, etc.

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

Location/Design Studies (Reconstruction/Major Rehabilitation)

Structures (Highway: Advanced Typical)

Special Studies (Location Drainage)

Hydraulic Reports (Waterways: Typical)

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

8. Job No. M-91-003-20, Various Maintenance Construction Engineering/Erosion and Sediment Control/Landscape Architecture Projects, Various Routes, Various Counties, Region One/District One.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 11, 2020 at 10:00 AM** at the Region One/District One Office in **Schaumburg.**

Phase I, II, & III engineering services are required to assist department Roadside Development Unit on various roadside construction and maintenance projects throughout District One. Ten (10) to eighteen (18) landscape architects/technicians/erosion and sediment control specialists/soil specialists/arborists are anticipated to be required during 2020 through the 2024 season. Typical assignments include but are not limited to reviewing and providing input on erosion and sediment control, soils, native vegetation management on various contracts, attending preconstruction meetings and progress meetings for various maintenance and construction projects, field inspection, preparation of work orders, erosion and sediment control reports, soil analysis reports, inspection of plant materials, and construction documentation.

The Consultant may also be required to provide project managers to inspect various Phase III projects and provide other personnel to assist in various preparation work tasks as required. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. The Consultant personnel may be expected to perform work similar to an IDOT employee and is expected to perform the work at the District's office. The department will furnish the Consultant with contract plans and specifications.

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 personnel shall have a good working knowledge of Department Specifications for Road and Bridge Construction, Department Construction Manual, Bureau of Design Manual, construction inspection and documentation requirements, and roadside vegetation management.

The Consultant will provide tools of the trade. These tools will include an office computer system capable of running ICORS, MicroStation and GIS software. The Consultant's work includes but is not limited to providing cell phones, GPS and other equipment, and vehicles with appropriate traffic control for the purpose of layout and inspection on IDOT routes and travel to nurseries for material inspections.

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

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

The estimated construction cost of these projects may range from $50,000 to $20,000,000. 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 each work order project.

The estimated engineering fee for this project is $5,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- Project Manager will assume the duties of consultant staff coordination based on project needs and communicate daily, or as directed, with the IDOT Roadside Development Architect.

- Document Technician(s) will actively perform documentation on projects, must be proficient in ICORS and posses a current IDOT Construction Documentation certificate. Technicians must have knowledge and understanding of IDOT Traffic Control. Include the Documentation Certificate Number for IDOT Documentation of Contract Quantities.

- Landscape Architect(s) will oversee landscape work, must be an Illinois Registered Landscape Architect with 10 years of experience desired. Landscape Architect(s) must be proficient in storm water best management practices (BMPs), Illinois prairie restoration, streetscape design, plant identification, and roadside vegetation management. The **Special Services (Landscape Architecture)** prequalification category requirement may be completed by the sub and/or prime Consultant. Include copy of current Illinois Registered Landscape License.

- Professional Land Surveyor will oversee surveys. The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consultant. Include copy of current Illinois Professional Land Surveyor License.

- Erosion and Sediment Control Specialist(s) must include CPESC, completion/certification of Illinois Center for Transportation Erosion & Sediment Control Workshop Series (Modules I - III), and/or other qualifications). Include experience with review of erosion sediment control plans, review SWPPPs, and ability to conduct/attend construction erosion sediment control meetings and perform weekly/as-needed inspections.

- Environmental Compliance Specialist will prepare Clean Water Act Permits, include experience as it applies to the review and preparation of applications to the United States

Army Corps of Engineers, Chicago District and must have ability to advise and assist the department with permit compliance.

- Soil specialist must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Professional Geologist and have specialized expertise on hazardous waste investigations and follow up actions. This position advises the district office on appropriate procedures and/or courses of action relating to regulated substance encountered during district maintenance operations.

- Native Vegetation/Wetland Management specialist(s) must have a minimum of 5 years of experience and a current Illinois applicator's license. Extensive knowledge and experience are necessary to complete assigned work. Must demonstrate the ability to identify and differentiate between target weeds and desired vegetation. Include current copy of Applicator License.

- Forester/Certified Arborist(s) must have strong tree identification experience and specialize in risk assessment. Include copy of Certifications.

- GIS specialist will be responsible for updating existing database.

- Micro-Station specialist must have experience in plan preparation for IDOT lettings.

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

Environmental Reports (Environmental Assessment)

Special Services (Construction Inspection)

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. D-91-205-19, I-80 from Chicago Street to US Route 30; Briggs Street Interchange, Phase II Engineering Services, Will County, Region One/District One.

This project may contain **Federal Funds**.

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

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

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 6, 2020** at **9:00 AM** at the Region One/District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of contract plans, structure plans, specifications and cost estimates and all other work required to complete the improvement of Interstate 80 (I-80) from Chicago Street to US Route 30; the Briggs Street Interchange; and ITS, Landscape, Detention and miscellaneous items for the entire I-80 corridor from Ridge Road to US Route 30. The Consultant may be required to prepare plans in 3D.

The scope of work for the portion on I-80 from Chicago Street to US Route 30 will consist of adding an auxiliary lane in each direction from Chicago Street to Rowell Road, reconstruction and addition of an auxiliary lane in each direction from Rowell Road to Briggs Street and reconstruction from Briggs Street to US Route 30. The scope will also include all necessary structure replacements and widening within the project limits.

The Briggs Street interchange work will include replacing/widening the Briggs Street structure over I-80 and reconstructing the ramps.

The Consultant's work will also consist of designing the ITS, landscape, detention and other miscellaneous items needed for the entire I-80 corridor from Ridge Road to US Route 30.

A portion of work consisting of roadway reconstruction and bridge rehabilitation and replacement of eastbound and westbound I-80 from Chicago Street to Rowell Avenue referred to as the Group A bridges is included. Group A work may include completing and updating existing design plans partially completed and finish the contract plans for letting. Scope of work includes rehabilitation of the Chicago Street bridge, replacement and widening bridges carrying I-80 Over Richards Street, Hickory Creek, BNSF / Gardner Road and WCL / Rowell Avenue. New lighting, drainage improvements and barrier wall is also proposed. The Consultant will update existing contract plans to current standards, specifications and estimates and assist the Bureau of Construction with Requests for Information (RFI) during construction.

The estimated construction cost for the Group A improvement is $82,000,000.

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

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

Consultants Statement of Interest will be rated based on:

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

The estimated construction cost for this project is $174,000,000. 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 persons who will be in charge of the structural design teams (must be an Illinois Licensed Structural Engineer). The staff performing this work must be identified. Include resumes of all key team members and their experience with IDOT work on freeway structures.

- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Complex)** prequalification category requirement may be completed by the sub and/or prime Consultant.

- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consultant.

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

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

Highways (Freeways)

Structures (Highway: Typical)

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

After all responses have been evaluated, firms <u>may</u> be asked to make oral presentations during the week of January 27, 2020.

10. Job No. D-91-206-19, I-80 from East of Ridge Road to Houbolt Road; I-55 Interchange, Phase II Engineering Services, Will County, Region One/District One.

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 12, 2020** at **10:00 AM** at the Region One/District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of contract plans, structure plans, specifications and cost estimates for the construction of the Interstate 80 (I-80) from East of Ridge Road to Houbolt Road including the I-55 Interchange. Scope of work consists of reconstruction from Ridge Road to River Road including the structure replacement of Shepley Road over I-80; reconstruction from River Road to I-55; addition of an auxiliary lane from I-55 to Houbolt Road including structure replacements of I-80 over River Road and Rock Run Creek. The I-55 interchange will consist of a flyover bridge and ramp reconfiguration.

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

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

Consultants Statement of Interest will be rated based on:

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

The estimated construction cost for this project is $155,000,000. 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 persons who will be in charge of the structural design teams (must be an Illinois Licensed Structural Engineer). The staff performing this work must be identified. Include resumes of all key team members and their experience with IDOT work on freeway structures.

- The person who will 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 (General Geotechnical Services)** and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification category requirements may be completed by the sub and/or prime Consultant.

- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Complex)** prequalification category requirement may be completed by the sub and/or prime Consultant.

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

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

Highways (Freeways)

Structures (Highway: Complex)

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

After all responses have been evaluated, firms <u>may</u> be asked to make oral presentations during the week of January 27, 2020.

11. Job No. D-91-207-19, I-80 from Houbolt Road to West of Center Street; Larkin Avenue Interchange & I-80 Design Corridor Management, Phase II Engineering Services, Will County, Region One/District One.

This project may contain **Federal Funds**.

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

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

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 14, 2020** at **10:00 AM** at the Region One/District One Office in **Schaumburg.**

Phase II engineering services are required for the preparation of contract plans, structure plans, specifications and cost estimates for the construction of Interstate 80 (I-80) from Houbolt Road to West of Center Street and the Larkin Avenue Interchange. Scope of work consists of reconstruction of I-80 from Houbolt Road to West of Center Street with adding an auxiliary lane in the segment from Larkin Avenue to west of Center Street. Scope also includes constructing the Joliet Junction bridge and adding new ramps to the Larkin Avenue interchange.

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

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

The Consultant is expected to provide Corridor Management services for the entire I-80 corridor project from Ridge Road to US Route 30 under this contract. The I-80 sections to be managed are as follows:

- I-80 From East of Ridge Road to Houbolt Road. Scope includes reconstruction, add lane, reconfiguration of ramps, overpass & underpass of I-55 interchange, reconstruction of River Road bridge and I-80 bridge over Rock Run Creek. The estimated construction cost for this section is $155,000,000.
- Des Plaines River Bridge reconstruction and Chicago Street and Center Street interchange. Scope of work includes tie ins of Chicago Street interchange and Center Street interchange to the bridge. The estimated construction cost for this section is $310,000,000
- I-80 from Chicago Street to US Route 30. Scope of work includes reconstruction, add lane, Briggs Street interchange and ITS, Landscape, Detention, and miscellaneous items over the entire I-80 corridor project. The estimated construction cost for this section is $174,000,000.

Duties of the Project Management Consultant shall include but are not limited to the following:

- Monitor the progress of the design Consultants and maintain a system for tracking overall schedule and budget.
- Coordinate, attend and run monthly coordination meetings between the District and all design Consultants.
- Attend all coordination meetings between the affected municipalities.

- Coordinate sharing of electronic files and other plan information between design Consultants through the establishment and maintenance of a project website.
- Act as a clearinghouse for all questions and problems raised by the design Consultants with the resultant answers being reported on the website.
- Development of a signing concept plan for the entire I-80 corridor to present to the department for approval.
- Coordinate project-wide staging and traffic control between design sections to assure a uniform and workable overall traffic management plan.
- Manage/coordinate environmental studies and applicable permits for the entire I-80 corridor.
- Coordinate roadway soil reports for the entire I-80 corridor.
- Coordination of lighting plans prepared by each design section.
- Provide review of all preliminary, prefinal and final plans submitted by the design Consultants.
- Provide final packaging of all final plans and plan documents.
- Any other support tasks deemed necessary by the District to assist in the coordination of the overall I-80 corridor project.

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	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	15
Project Specific Criteria: Past experience in Design Corridor Management	10

The estimated construction cost for this project is $137,000,000. 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 persons who will be in charge of the structural design teams (must be an Illinois Licensed Structural Engineer). The staff performing this work must be identified. Include resumes of all key team members and their experience with IDOT work on freeway structures.

- The person who will perform/supervise the work in the area of lighting design and calculations (must be an Illinois Licensed Professional Engineer). The **Special Studies (Lighting: Complex)** prequalification category requirement may be completed by the sub and/or prime Consultant.

- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consultant.

- The person who will perform the work in the area of geotechnical analysis and the Structural Geotechnical Report (SGR) (must be an Illinois Licensed Professional Engineer or an Illinois Licensed Structural Engineer). The required **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(s) who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

Highways (Freeways)

Structures (Highway: Typical)

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

After all responses have been evaluated, firms <u>may</u> be asked to make oral presentations during the week of January 27, 2020.

12. <u>Job No. MT-91-001-20, Various Phase III Quality Assurance for Aggregate/HMA/PCC and Other Material Inspection Projects, Various Routes, Various Counties, Region One/District One.</u>

This project requires **35% 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 5th, 2020** at **10:00 AM** at the Region One/District One Office in **Schaumburg.**

Phase III engineering services are required to perform the Quality Assurance responsibilities of Hot-Mix Asphalt (HMA), Portland cement concrete (PCC) construction, Aggregate Gradation Control System (AGCS), Recycled Asphalt Paving (RAP) testing, Recycled Asphalt Shingles (RAS) testing, pipe, precast and prestressed inspections. Services and responsibilities include structural steel and miscellaneous materials inspection at various sources or jobsites. Independent Assurance sampling and testing for the department for both HMA and PCC according to Federal guidelines at both plants and jobsites. The department may have a need for a project manager to handle certain parts or full-time tasks such as staff management of Independent Assurance efforts, RAS testing program, a geographical area for Mixtures Control Unit, evaluation and reporting of Pay Factors for End Result Projects, special laboratory testing, and evaluation of mix designs and new products, etc. The Project Manager may require appropriate training and experience for the tasks, which they are assigned. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

Additional services and responsibilities may include a Materials Certification Technician and Technical Office Staff to support District One's Bureau of Materials Office Staff. Work may include assisting the Quality Assurance Manager and Material Certification technicians in reviewing and finalizing various material inspection requirements, tracking and helping solve material deficiencies issues, processing various technical test results and monitoring project status and other duties as assigned.

The department will furnish the Consultant with daily assignments to various construction jobsites, bituminous or concrete plants, quarry field offices, District Lab facilities and prestressed and precast facilities and various producers and suppliers of structural steel and miscellaneous materials.

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 from the same plant is prohibited. 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 Consultant will maintain records and submit documentation of QC and QA activities required by the construction contract, Manual for Fabrication of Precast Prestressed Concrete Products, any applicable Materials Policy Memorandums and appropriate contract special provisions and plan notes or details.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	22
Proposed staffing from Prime and any Subconsultants	16
Available work capacity of firm	18
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	10
Project Specific Criteria: Knowledge, experience and access to specialized materials testing equipment such as IFIT, DCT, Hamburg Wheel, Asphalt Analyzer, MITSCAN, etc.	14

The estimated engineering fee for this project is $1,500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The Liaison Engineer who will assume duties as Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will be in charge of QA Lab and Field Testing.
- QC/QA Level 1, Level 2 and Level 3 (HMA and PCC) Certified Testing Technicians.
- ACI Grade 1 and PCI Level 1 and Level 2 Certified Testing Technicians.
- The Materials QA Technician.
- Structural Steel and Miscellaneous Materials Source Inspector.
- Materials Certification Technician (must possess a current IDOT Construction Documentation certificate. Current proof of recent IDOT documentation experience within the last 5 years is required. Include the Documentation Certificate Number for IDOT).
- Technical Office Staff.

The Certificates of completion for required training courses must be included in the Statement of Interest for the staff presented.

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).

13. Job No. C-91-185-14, 127th Street at Tinley Creek Int IL 83 (Cal Sag Road) & 127th Street, Phase III Project, Cook County, Region One/District One.

This project may contain **Federal Funds.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 7, 2020** at **10:30 AM** at the Region One/District One Office in **Schaumburg.**

Phase III engineering is required to provide construction inspection services for the improvement of 127th Street at Tinley Creek Int IL 83 (Cal Sag Road) & 127th Street. Work includes, but is not limited to, replacing the entire bridge that carries Illinois Route 83 (127TH Street) over Tinley Creek (at Cal-Sag Road). The existing structure is to be removed and replaced with a triple barrel cast in place of a concrete box culvert. Right turn lanes are proposed on the east and west legs of the intersection of Illinois Route 83 at 127th Street to enhance mobility through this intersection. This work will require pavement reconstruction, widening, resurfacing, temporary pavement, driveways, traffic signal modernization, roadway lighting, drainage adjustments, sidewalks and shared-use paths. MOT will be under staging with detour for left turn movements and any and all incidental and collateral work necessary to complete the improvement.

The following Structures may be included:

- S.N. 016-0569 – (Existing IL Route 83 (Cal Sag Road) over Tinley Creek at 127th Street)
- S.N. 016-1331 – (New IL Route 83 (Cal Sag Road) over Tinley Creek at 127th Street)

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 an Assistant Engineer and an adequate staff to perform the duties required to fulfill the engineering requirements in accordance with the departmental policies.

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

The Consultants Statement of Interest will be rated based on:

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

The anticipated construction completion date is October 31, 2021 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS/CMMS trained. Include the Documentation Certificate Number for IDOT).
- The Materials Coordinator.
- Materials Laboratory (QA Complete prequalified).
- The Survey Chief.

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

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

14. Job No. V-91-003-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region One/District One.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 6, 2020** at **1:00 PM** 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. Eight (8) to twelve (12) engineers and /or engineering technicians are anticipated to be required during the 2020 and 2021 (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 is approximately 18 months after authorization to proceed.

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

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

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

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

15. Job No. C-91-280-14/C-91-310-15, I-90 at I-290/Congress Parkway (Jane Byrne Interchange) – I-90/94 (NB): Roosevelt Road to Lake/Madison Street & High Mast Lighting & Intelligent Transportation Systems, Phase III Project, Cook County, Region One/District One.

This project may contain **Federal Funds.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 7, 2020** 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 -I-90 at I-290/Congress Parkway (Jane Byrne Interchange) – I-90/94 (NB): Roosevelt Road to Lake/Madison Street & High Mast Lighting & Intelligent Transportation Systems. Work includes, but is not limited to, the total reconstruction of the Kennedy Expressway(I-90/94) Northbound mainline to 4 through lanes between Roosevelt Road and Lake and Madison Streets in the City of Chicago using Continuously Reinforced Concrete Pavement (CRCC) for the mainline lanes and Portland Cement Concrete Jointed Pavement (PCC) for the ramps and tapers , construction of 6 new concrete retaining walls and repairs of 4 existing concrete retaining walls within the corridor, resurfacing the transition area at the north end of the expressway reconstruction limit, construction of a two-lane Collector Distributor (C-D) roadway with shoulder within the limits of the project along the east side, overhead signing, roadway lighting, ITS, drainage & pavement markings, lighting and ITS work within the entire Jane Byrne Interchange corridor along I-90/94 and I-290 including the approaches to the corridor from all directions for the necessary lighting and ITS transitions. The scope involves retrofitting 10 existing High Mast Light Towers to remain and replacing their luminaires from HPS to LED, retrofit 4 light towers with 26 new luminaires from HPS to LED, retrofit other luminaires to LED within the corridor, install new LED luminaires for 6 underpass lighting locations previously completed as part of the Jane Byrne Interchange other contracts, upgrade 5 underpass new locations to LED for Roosevelt, Madison , Washington, Randolph and Lake Streets, replace four existing lighting controllers , replace the temporary ITS network and infrastructure including construction of a new Communications Hut at the interchange. Any and all incidental and collateral work necessary to complete the improvement is also included.

The following structures may be included:

- S.N. 016-1819: I-90/94 (Kennedy Exp Mainline -NB), east side, north of Monroe St
- S.N. 016-1163: I-90/94 (Kennedy Exp Mainline -NB), west side, south of Harrison St
- S.N. 016-1167: I-90/94 (Kennedy Exp Mainline-NB), east side, north of Roosevelt Road entrance Ramp
- S.N. 016-1166: I-90/94 (Kennedy Exp Mainline -NB), east side, north of Washington St
- S.N. 016-1822: I-90/94 (Kennedy Exp Mainline -NB), east side, south of Washington St
- S.N. 016-1821: I-90/94 (Kennedy Exp Mainline -NB), east side, north of Madison St exit ramp
- S.N. 016-1820: I-90/94 (Kennedy Exp Mainline -NB) east side, north of Monroe St, left mainline
- S.N. 016-1169: I-90/94 (Kennedy Exp Mainline -NB), west side, north of Monroe St, west median

- S.N. 016-1161: I-90/94 (Kennedy Exp Mainline - NB), east side, south of Taylor St entrance ramp

New NB Kennedy Expressway Between Roosevelt and Lake/Madison Streets along I-90/94: east side and center.

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

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

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	30
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge and experience in permit procedures with the City of Chicago and IDOT ITS system and requirements	10

The anticipated construction completion date is November 30, 2022 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

- Liaison Engineer (Illinois Licensed Professional Engineer is preferred).
- The Assistant Engineer.
- The Document Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate and must be ICORS-CMMS trained. Include the Documentation Certificate Number for IDOT).
- The Materials Coordinator.

- The Materials QA Technician. (The person shall have a Level II HMA and PCC training and IDOT class S-33, Soil Testing).

- Materials Laboratory (QA HMA/PCC & Aggregate prequalified).

- The Survey Chief.

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

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

16. Job No. V-91-005-20, Various Phase III Bridge Painting Inspections, Various Routes, Various Counties, Region One/District One.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 7, 2020** at **1:00 PM** at the Region One/District One Office in **Schaumburg.**

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

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

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

The department will furnish the Consultant with site specific plans and specifications per project, the existing special provisions, the 2007 Standard Specifications for Road and Bridge Construction, the 2011 Supplemental Specifications, any other available paint data, and a contact person(s) to act as a liaison between the Consultant and the department.

The Consultant is required to have the following:

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

The Consultants Statement of Interest will be rated based on:

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

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

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

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

- Project Engineer, the person performing the duties of the Project Engineer must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3.

- Resident Liaison Engineer, the person performing the duties of the Resident Liaison Engineer shall be a National Association of Corrosion engineers (NACE) Certified Coatings Inspector – Level 3 or shall possess similar experience and knowledge.

- Inspectors (2 to 4) – The persons performing the duties of the Inspector must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3.

- The Documentation Engineer/Technician (1) - (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT.

Statements of Interest must also include the following:

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

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

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

17. Job No. C-91-311-15, I-90 at I-290/Congress Parkway (Jane Byrne Interchange) – I-90/94 (SB): Roosevelt Road to Lake/Madison Street, Phase III Construction Inspection Services, Cook County, Region One/District One.

This project may contain **Federal Funds.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 7, 2020** 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-90 at I-290/Congress Parkway (Jane Byrne Interchange) – I-90/94 (SB): Roosevelt Road to Lake/Madison Street. Work includes, but is not limited to, the total reconstruction of the Kennedy Expressway (I-90/94) Southbound mainline to 4 through lanes between Roosevelt Road and Lake and Madison Streets in the City of Chicago using Continuously Reinforced Concrete Pavement (CRCC). For the mainline lanes and Portland Cement Concrete Jointed Pavement (PCC) for the ramps and tapers, construction of one new concrete retaining wall, resurfacing the transition area at the north end of the expressway reconstruction limit in the SB direction, construction of a two-lane Collector Distributor (C-D) roadway with shoulder within the limits of the project along the west side, overhead signing, roadway lighting, ITS, drainage & pavement markings. The work also includes special waste cleanup within the Accident Investigation Site (AIS) and other areas within the project limits and construction of an underground detention storage facility underneath the AIS near the Cermak Pumping Station, and any and all incidental and collateral work necessary to complete the improvement.

The following structure may be included in this project, S.N. 016-1823 – (New retaining wall along southbound direction of I-90/94 Expressway along the west side just north of Monroe Street).

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

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

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed Staffing from Prime and any Subconsultants	30
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge and experience in permit procedures with the City of Chicago	10

The anticipated construction completion date is November 30, 2022 plus 10 working days. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

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

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

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

18. <u>Job No. P-91-020-20, Various Phase I Studies, Various Routes, Various Counties, Region One/District One.</u>

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 5, 2020** at **9:00 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 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 Consultant's Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	20
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	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 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)

Structures (Highway: Typical)

Special Studies (Location Drainage)

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

19. Job No. D-91-313-20, Various Phase II Traffic Signal Design 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 5, 2020** at **9:00 AM** at the Region One/District One Office in **Schaumburg.**

Phase II engineering services are required but not limited to all work associated with the complete preparation of plans, special provisions and estimates for traffic signal projects throughout District One. The proposed projects may consist of installation of new traffic signals, modifications and modernization of existing traffic signal systems, including temporary signal and system interconnect design. Project work is also expected to include site inspections, field measurements, performing all design functions and calculations, including time space diagrams where traffic signals will be interconnected. Traffic signal design shall conform to current issues of the following: State Standard Specifications, MUTCD for streets and highways, and all applicable NEC, NEMA, AASHTO, FHWA and District 1 Standards and Guidelines. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

The consultant may also be required to prepare plans, special provisions and estimates for roadway guide signs replacement plans as well as provide assistance in review and comment on consultant/contractor provided documents for contracts currently in design or construction. These may include, but are not limited to, flasher installation plans, traffic and signing design projects and construction shop drawings review.

The department will furnish the Consultant with any available project reports; existing plans, existing and proposed traffic volumes, accident data and topo-survey 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	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	10

The estimated engineering fee for this project is $600,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

- The person who will perform the duties of Traffic Signal Engineer, that individual who is directly involved in traffic signal design, modification and modernization. The Traffic Signal Engineer shall have working knowledge and extensive experience in traffic signal design and operation in IDOT Region One/District One (must be an Illinois Licensed Professional Engineer).

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

Statements of Interest must also include the Consultant's relevant traffic signal projects completed by the firm for IDOT Region One/District One within the past four years by members of the Consultant's current key personnel. The Statement of Interest must list no more than 10 applicable projects.

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

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

20. <u>Job No. P-92-001-17/D-92-001-17, IL 81 from 0.1 M. W. of Union St. to 0.3 M. W. of IL 78 in Kewanee, Phase I & II Engineering Services, Henry County, Region Two/District Two.</u>

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 11, 2020** at **10:00 AM** at the Region Two/District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a categorical exclusion) and Phase II contract plans to improve IL 81 from approximately 0.1 miles west of Union Street to 0.3 miles west of IL 78 in Kewanee. The work may include reconstruction, widening, proposed curb and gutter, reditching throughout the entire project, replacement/rehabilitation/extending culverts, designing storm sewer system, location drainage report, geometric and ADA improvements, ADA design, realignment of curves and profiles, public meeting(s) participation, crash analysis, SUE, bicycle and pedestrian accommodations per Complete Streets policy, utility conflicts and relocations, surveys, coordination with resource agencies and special interest groups, retaining walls, environmental impacts, cost estimates, geotechnical engineering services, and traffic management analysis (TMA). This project is anticipated to be completed using 3D modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology or Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Phase I may include the preparation of a Project Report, Traffic Management Analysis (TMA), location drainage report, crash analysis, cost estimate, plan and profile drawings, pavement design, cross sections, queue and delay analysis, Type, Size and Location drawings (TSL) typical sections, determination of construction limits, geotechnical engineering services, SGRs, 4(f), 106R, preparation of ROW documents and any other 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, guardrail, storm sewer, roadway plans, typical sections, drainage plans, special details, special provisions; quantities, cost estimates, estimate of time, guardrail, storm sewer, Traffic Management Plan (TMP), PSI submittal and field surveys as needed. Coordination with other agencies is anticipated with this project.

The department will furnish the Consultant with any available as-built/existing plans, microfilm plans, inspection reports, traffic data, soils boring data, and any other available information that may be pertinent. The department will also furnish the Consultant with alignment data and title reports 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 Consultant's Statement of Interest will be rated based on:

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

The estimated construction cost for this project is $4,000,000. 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 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 and ROW documents (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 and storm sewer (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 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 category to be considered for this project:

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads and Streets)

Special Studies (Location Drainage)

Structures (Highway: Typical)

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

21. <u>Job No. P-92-016-09/D-92-001-20, Interchange Reconstruction of IL 38 over I-39 E. of Rochelle and IL 38 from Dement Rd E. of Rochelle to 0.5 M. W. of Mulford Rd., Phase I & II Engineering Services, Ogle County, Region Two/District Two.</u>

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 5, 2020** at **10:30 AM** at the Region Two/District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of a Combined Design Report (anticipated to be a categorical exclusion), Interchange Studies, and Phase II contract plans, specifications, and cost estimates for the reconstruction/major rehabilitation of the interchange at IL 38 over I-39 E. of Rochelle and IL 38 from Dement Rd E. of Rochelle to 0.5 M. W. of Mulford Rd. This work is expected to include a study of the suitability of existing structure (SN 071-0058 carrying IL 38 over I-39) and interchange geometrics to accommodate projected traffic requirements. The reconstruction of IL 38 roadway from Dement Rd W. of Rochelle to 0.5 M. W. of Mulford Rd is also anticipated, and may include (but is not limited to) geometric improvements, roadway widening, addition of turn lanes, IL 38 existing double 8'x4' culvert replacement/ rehabilitation/ extension (S.N. 071-1196), drainage and hydraulic studies, drainage design, bicycle and pedestrian accommodations, ADA design, vertical profile considerations, and geotechnical investigations. Coordination with other agencies is anticipated with this project. This project is anticipated to be completed using 3D modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology or Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Phase I is expected to include the preparation of a Combined Design Report, Traffic Management Analysis (TMA), Traffic Management Plan (TMP), review of Bridge Condition Reports or inspection and preparation of BCR, Type, Size and Location (TSL) drawings, drainage and/or hydraulic studies and design, environmental impacts and coordination, data collection, alternate geometric studies, Intersection Design Study (IDS), Interchange Type Study (ITS), traffic studies, noise study/report, cost estimates, crash analysis, pavement design, cross sections, typical sections, pickup survey as needed, SUE investigation/coordination, utility conflicts and relocations, geotechnical studies and the preparation of SGR or geotechnical reports as needed. Public involvement is expected to include (but not be limited to) two Public Meetings, stakeholder and agency coordination, and the preparation of exhibits and all other materials for these meetings, preparation of social media updates, development of and updates to a project website, and coordination with resource agencies and/or special interest groups.

Phase II is expected to include the preparation of detailed contract plans and all associated material, final bridge plans, roadway plans including full ADA compliance as needed, typical sections, drainage & utility plans, erosion control plans, pavement marking plans, cross sections, lighting plans, traffic signal plans, special details, special provisions, quantities, cost estimates, estimate of time, ongoing environmental coordination as needed, and PSI/PESA.

The following structures may be included:

- S.N. 071-0058: IL 38 over Interstate 39 – Anticipated deck replacement
- S.N. 071-1196: IL 38 over drainage ditch – 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, approved BCR'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 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 Consultant's Statement of Interest will be rated based on:

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

The estimated construction cost for this project is $17,200,000. The completion date for this contract including both Phase I and II will be 48 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 Engineer or 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 requirements 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 **Hydraulic Reports (Waterways: Typical)** prequalification category requirement may be completed by the sub and/or prime Consultant.

- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for the environmental discipline listed for traffic noise must meet the department's requirements.

- 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 category to be considered for this project:

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads and Streets)

Special Studies (Traffic Studies)

Structures (Highway: Typical)

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

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

22. Job No. P-92-081-96/D-92-081-96, Reconstruction of IL 2 from IL 72 (E) in Byron to Beltline Road South of Rockford, Phase I & II Engineering Services, Ogle and Winnebago Counties, 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 **0.07.**

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, 2020,** at **10:30 AM** at the Region Two/District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a categorical exclusion) and Phase II contract plans for the reconstruction of IL 2 from IL 72 (E) in Byron to Beltline Road South of Rockford. This work may include widening, adding turn lanes, bi-direction turn lanes, shoulder widening, reditching through the entire project, culvert replacement/rehabilitation/extending, storm sewer design, hydraulic reports, pump station design, geometric improvements, ADA design, evaluate recreational use areas, realignment of curves and profiles, public meeting(s), SUE investigations, crash analysis, bicycle and pedestrian accommodations, utility conflicts and relocations, survey, coordination with resource agencies and special interest groups, design retaining walls, railroad bridge design, environmental impacts, minimizing impacts to properties of historical significance, 4(f) Reports, Section 106 Reports, noise analyses, 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 PowerGEOPAK SS4 with OpenRoads Technology or Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Phase I may include the preparation of a Project Report, Traffic Management Analysis (TMA), review of Bridge Condition Reports, hydraulic reports, crash analysis, Environmental Survey Requests (ESR's), Type, Size and Location (TSL) drawing, cost estimates, pavement design, cross sections, queue and delay analysis and typical sections, surveys, preliminary rest area with canoe launch design, VE study, geotechnical engineering services and the preparation of SGRs. This project is being processed as a Content Sensitive Solutions (CSS) project. Coordination with other agencies is anticipated with this project. At least 50% of Phase I has been completed by in-house staff and assistance through various/various work orders. Coordination between the selected Consultant and var/var consultants may be necessary.

Phase II may include the preparation of detailed contract plans and all associated material, final bridge plans, roadway plans including full ADA design, typical sections, drainage plans, special details, special provisions, quantities, cost estimates, estimate of time, final rest area with canoe launch design, Traffic Management Plan (TMP), traffic signal design, PSI submittal and field surveys as needed. Coordination with other agencies is anticipated with this project.

The following structures may be included:

- S.N. 071-9904: Exelon Spur Line (CNW) Railroad (RR) over IL 2 (within Byron city limits) – New Bridge Proposed. Please Note: A temporary bridge **is not** required since the CNW RR only receives 1 train (loaded w/ Heavy Exelon Equipment) per year
- S.N. 071-9903: Canadian Pacific (CP) Railroad (RR) over IL 2 (north edge of Byron) – New Bridge Proposed. Please Note: A temporary bridge with shoofly construction **is** required since the CP RR receives 8 trains per day
- S.N. 071-0090: IL 2 over a drainage ditch; bridge structure is located 0.6 miles southwest of Meridian Road – Anticipated Structural Repairs
- S.N. 101-0164: IL 2 over a drainage ditch: bridge structure is located 0.6 miles northeast of the Ogle County Line – Anticipated Structural Repairs
- S.N. 071-0086: IL 2 over Mosquito Creek; structure is located 5 miles north of Byron – Anticipated Structural Repairs

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

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

The estimated construction cost for this project is at least $55,000,000. 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 perform the work in the area of railroad bridges (must be an Illinois Licensed Structural Engineer with railroad bridge experience). In addition, the support staff must be civil engineers.

- 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 requirement may be completed by the sub and/or prime Consultant.

- The person who will perform/supervise the work in the area of hydrologic/hydraulic analysis and modeling for culverts, pump station, storm sewer and bridges (must be an Illinois Licensed Professional Engineer). The **Hydraulic Reports (Pump Stations)** and **Hydraulic Reports (Waterways: Complex)** 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)

Structures (Highway: Advanced Typical)

Structures (Railroad)

Transportation Studies (Railway Engineering)

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

23. Job No. P-92-003-19, Various Phase I/II Engineering Services, Various Routes, Various Counties, Region Two/District Two.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 13, 2020** at **10:30 AM** at the Region Two/District Two Office in **Dixon.**

Phase I and/or II engineering services are required for various projects throughout District Two and will report to the District's Senior Permit Technician. This work may include review of development plans for compliance with IDOT District 2 Drainage Manual and providing recommendations related to the issuance of drainage permits. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Phase I and II work orders may consist of reviewing and verifying hydraulic surveys, hydraulic analyses, verifying culverts sizing and drainage calculations, reviewing drainage studies based on CADD files provided, determining the need for detention basins, geometric studies, field checks, attending coordination meetings, providing district staff with findings of reviews and other engineering tasks to assist the Senior Permit's Technician. This work may include data collection, outside agency coordination, coordination with permit applicants and other related activities essential to provide the department with the necessary information to approve permits. The consultant will also need to reference the IDOT Drainage Manual, the Bureau of Design and Environment Manual and other related materials to make the required determinations. These projects are anticipated to be completed using 3D modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology or Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

The department will furnish the Consultant with any available plan and profiles sheets, field notes, traffic data, agency coordination, existing right-of-way plans, aerial photos, boring logs, drainage calculations and other information that may be necessary.

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

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

The estimated construction cost for these projects may range from $10,000 to $1,000,000. The estimated engineering fee for this project is $500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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 and Prequalification Agreement System (EPAS).

24. <u>Job No. MT-92-001-20, Materials Laboratory Assistant (MLA) for Various Materials Inspections (PCC, HMA, Aggregate & Soils), Various Routes, Various Counties, Region Two/District Two.</u>

This project requires **35% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all sub-consultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 11, 2020** at **1:30 PM** at the Region Two/District Two Office in **Dixon.**

Phase III engineering services are required for a Materials Laboratory Assistant (MLA). The Consultant MLA will provide support for various IDOT materials inspection processes throughout District Two. This position will report directly to the District Two Materials Laboratory located in Dixon, IL. each day to perform activities and/or receive assignments. This work may involve working directly with contractors, producers, suppliers or local agencies and/or other consultants. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Phase III engineering services are required to perform materials acceptance responsibilities including sampling, testing and documentation of test results of various materials such as: Hot-Mix Asphalt (HMA), Portland Cement Concrete (PCC), aggregates, Recycled Asphalt Pavement (RAP), Recycled Asphalt Shingles (RAS), soils, pipe, precast, and precast/prestressed concrete.

The Consultant's work may also include plant and on-site inspections, sampling, transportation of samples, testing at jobsites and labs, and documentation and data entry of test results. The Consultant will carry out quality assurance duties defined in the contract documents, Bureau of Materials and Physical Research Policy Memorandums, the Manual for Fabrication of Precast Prestressed Concrete Products, and the Consultant Agreement. The Consultant will maintain records and submit documentation of QC and QA activities as required.

The chief work functions of the Consultant MLA will take place at the District Two Materials Laboratory in Dixon, IL. The department may also furnish the Consultant with assignments to various construction jobsites, plants, lab facilities, precast and precast/prestressed concrete producers, and various producers and suppliers of miscellaneous materials. The Consultant MLA must be able to lift approximately 50 pounds.

Quality Assurance (QA) oversight and Contractor's Quality Control (QC) by the same Consultant or one of their subconsultants on the same project or on material coming in from the same plant are prohibited. At the negotiation meeting, the prime Consultant and the subconsultant(s) will disclose all previous involvement in the district as well as current relationships with contractors.
The Consultant will also provide their vehicles, cell phones, computers, tools of the trade, and any other equipment deemed necessary to perform the work.

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

Rating Description	Weighted %
Past performance in project categories	15
Proposed Staffing from Prime and any subconsultants	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 these projects may range from $10,000 to $1,000,000. The estimated engineering fee for this project is $500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

- The person(s) who will perform the duties of the Materials Laboratory Assistant must have completed the following training courses (include training certificates):
  - IDOT 5-day Aggregate Technician Course
  - PCC Level I & II
  - HMA Level I & II

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

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

Special Services (Quality Assurance: QA HMA and Aggregate)

Special Services (Quality Assurance: QA PCC and Aggregate)

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

25. <u>Job No. P-92-009-07/D-92-009-07 and P-92-004-20/D-92-009-20, Springfield Ave. and IL 251, Phase I & II Removal and Replacement of Structures, Winnebago County, Region Two/District Two.</u>

This project may contain **Federal Funds**.

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

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

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 6, 2020,** at **10:30 AM** at the Region Two/District Two Office in **Dixon**.

Phase I and II engineering services are required for the preparation of two Project Reports (anticipated to be a categorical exclusions) and Phase II contract plans for the removal and replacement of seven structures. The first project report is for the removal and replacement of the structure that carries Springfield Ave. over the N. Fork of Kent Creek, 0.5 M. S. of IL 70. The second project report is for the removal and replacement of three sets of twin structures that include IL 251 over Dry Creek, 0.3 M. N. of McCurry Rd., IL 251 over N. Kinnikinnick Ck., 0.1 M. S. of Hononegah Rd and IL 251 over S. Kinnikinnick Creek, 0.8 M. S. of Hononegah Rd. This work may include geometric improvements, ADA design, profile modifications, public involvement, geotechnical investigations, crash analysis, bicycle and pedestrian accommodations, survey, coordination with resource agencies and special interest groups, environmental impacts, 4(f) Reports, Section 106 Report and cost estimates. This project is anticipated to be completed using 3D modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology or Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual.

Phase I may include the preparation of a Project Report, Traffic Management Analysis (TMA), Bridge Condition Reports (BCR's), hydraulic reports, crash analysis, Type, Size and Location (TSL) drawings, cost estimates, pavement design, cross sections, typical sections, surveys, geotechnical engineering services and the preparation of SGRs. Coordination with other agencies is anticipated with this project.

Phase II may include the preparation of detailed contract plans and all associated material, final bridge plans, roadway plans including full ADA design, typical sections, drainage plans, special details, special provisions, quantities, cost estimates, estimate of time, Traffic Management Plan (TMP), traffic signal design, PSI submittal and field surveys as needed. Coordination with other agencies is anticipated with this project.

The following structures may be included:

- S.N. 101-0100: Springfield Ave. over N. Fork of Kent Creek, 0.5 M. S. of IL 70 – Total replacement
- S.N. 101-0033 (NB) and S.N. 101-0034 (SB): IL 251 over Dry Run Creek, 0.3 M. N. of McCurry Rd. – Total Replacement
- S.N. 101-0035: (NB) and S.N. 101-0036 (SB): IL 251 over N. Kinnikinnick Creek, 0.1 M. S. of Hononegah Rd. – Total Replacement
- S.N. 101-0037 (NB) and S.N. 101-0038 (SB): IL 251 over S. Kinnikinnick Creek, 0.8 M. S. of Hononegah Rd. – Total Replacement

The department will furnish the Consultant with any available as-built/existing plans, microfilm plans, inspection reports, traffic data, soils boring data, 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 Consultant's Statement of Interest will be rated based on:

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

The estimated construction cost for this project is at least $13,425,000. 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** 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 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 (Structure Geotechnical Reports (SGR))** prequalification category requirement may by sub and/or prime Consultant.

- 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 **Hydraulic Reports (Waterways: Typical)** prequalification category requirement may be completed by 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 category to be considered for this project:

Location Design Studies (Rehabilitation)

Highways (Roads and Streets)

Structures (Highway: Typical)

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

26. Job No. P-93-016-20, Various Phase I/II Land Surveying Projects, Various Routes, Various Counties, Region Two/District Three.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **January 31, 2020** at **9:30 AM** at the Region Two/District Three Office in Ottawa**.**

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

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

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	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 $200,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

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

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

27. Job No. P-93-021-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Three.

This project requires **19% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

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

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

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

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

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

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

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

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

The 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 (must be an Illinois Professional Engineer).

- The person(s) who will perform the duties of Project Engineer, that individual in charge who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Professional Engineer).

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

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

- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology, Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

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

Highways (Roads and Streets)

Special Studies (Safety)

Location Design Studies (Rehabilitation)

Structures (Highway: Advanced Typical)

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

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

28. Job No. V-93-001-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Two/District Three.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 05, 2020** at **1:00 PM** at the Region Two/District Three Office in **Ottawa**.

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

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

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

The Consultants Statement of Interest will be rated based on:

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

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

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

- The Construction Inspectors. (four (4) – twenty (20) individuals to perform on-site inspection, survey and QA inspection). A current IDOT Construction Documentation Certification and experience and a workable knowledge in the area of Hot Mix Asphalt (HMA), Portland Cement Concrete (PCC) and soils training are required.

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

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

29. Job No. P-93-018-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Three.

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 6, 2020** at **8:30 AM** at the Region Two/District Three Office in **Ottawa**.

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

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

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

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

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

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

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

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

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

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

- The person(s) who will perform the duties of Project Engineer, that individual in charge who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Professional Engineer).

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

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

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Professional Engineer). The **Special Studies (Location Drainage)** prequalification category requirement may be completed by sub and/or prime Consultant.

- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology, Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Structures (Highway: Typical)

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

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

30. <u>Job No. P-93-019-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Three.</u>

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 5, 2020** at **1:30 PM** at the Region Two/District Three Office in **Ottawa**.

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

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

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

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

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

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

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

The 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 (must be an Illinois Professional Engineer).

- The person(s) who will perform the duties of Project Engineer, that individual in charge who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Professional Engineer).

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

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

- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology, Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

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

Highways (Roads and Streets)

Location Design Studies (Reconstruction/Major Reconstruction)

Structures (Highway: Typical)

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

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

31. Job No. P-93-022-20, I-57 Interchange with US 45/52 in Kankakee, Phase I and II Engineering Services, Kankakee County, Region Two/District Three.

This project may contain **Federal Funds.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 05, 2020** at **10:00 AM** at the Region Two/District Three Office in **Ottawa**.

Phase I and II engineering services are required for the preparation of a Combined Design Report (anticipated to be a Categorical Exclusion) and final contract plans, specifications, and estimates for replacing SN 046-0052 and reconstruction of the I-57 Interchange with US 45/52 in Kankakee.

The Phase I work includes preparation of a Combined Design Report, Access Justification Report (AJRs) and or Access Control Modification, Interchange Type Study (ITS), Interchange Design Studies (IDS), Intersection Design Studies and may consist of inspection of the existing structure; conducting route and land pick-up surveys as necessary; preparing a Type, Size, and Location (TS&L) plan; preparing a Structure Geotechnical Report; preparing preliminary plan and profile sheets and cross sections; preparing a transportation management plan; preparing exhibits for public involvement; preparing a drainage study; preparing a noise study (if receptors are identified within project limits); and all other work necessary to complete the Combined Design Report.

The Phase II work includes preparation of Phase II final contract plans, special provisions, and estimates (PS&E); and may consist of inspection of the existing structure; conducting route and land pick-up surveys; preparing structure plans; preparing traffic control details; preparing highway lighting and electrical plans; reviewing shop drawings; and all other work necessary to complete the Phase II final contract PS&E.

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

The following structure is included in this project, S.N. 046-0052 (US 45/52 over I-57)

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

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

The estimated construction cost for this project is $ 30,000,000. The completion date for this contract will be 60 months after authorization to proceed. The Phase I portion is expected to be completed in 36 months and the Phase II portion is expected to be completed in 24 months. A planned Supplement for Phase II will be prepared near the completion of Phase I.

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

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

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

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

- The person(s) who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by sub and/or prime Consultant.

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

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

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Freeways)

Highways (Roads and Streets)

Structures (Highway: Typical)

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

32. Job No. P-93-017-20, Various Phase I/II Land Surveying Projects, Various Routes, Various Counties, Region Two/District Three.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **January 31, 2020** at **1:30 PM** at the Region Two/District Three Office in Ottawa**.**

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

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

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

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	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 $200,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

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

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

33. Job No. P-93-020-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Two/District Three.

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 selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 5, 2020** at **8:30 AM** at the Region Two/District Three Office in **Ottawa**.

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

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

Phase II work, if required, may consist of conducting route surveys, land surveys, hydraulic analysis, geometric studies, preparation of TS&L drawings, structure plans, roadway plans, and any other related work to complete final plans, specifications, and estimates, as necessary.
The various proposed projects may consist of simple patching and resurfacing, bridge repair, bridge rehabilitation, bridge replacement, widening and resurfacing, and/or new roadway projects. The department will furnish the Consultant with any relevant available information such as as-built plans, field notes, traffic data, crash data, agency coordination, right-of-way data, aerial photos, boring logs, and other information.

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

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

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

The 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 (must be an Illinois Professional Engineer).

- The person(s) who will perform the duties of Project Engineer, that individual in charge who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Professional Engineer).

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

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

- The environmental lead, who will be responsible for the day to day management of the environmental work effort, and persons responsible for all environmental disciplines including air quality, water quality, traffic noise, community impacts, and ecology, Environmental Staffing on **Exhibit B** must match the staffing presented in the firm's most recently approved Statement of Experience and Financial Condition.

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

Highways (Roads and Streets)

Special Studies (Safety)

Location Design Studies (Rehabilitation)

Structures (Highway: Typical)

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

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

34. Job No. P-94-015-19, Various Phase I/II Geotechnical Engineering Projects, Various Routes, Various Counties, Region Three/District Four.

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

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

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

Phase I and/or II engineering services are required for subsurface geotechnical investigations, including but not limited to soil borings, cone penetration testing (CPT), geophysical testing, groundwater studies, pavement cores, rock cores, Roadway Geotechnical Reports (RGR), Structure Geotechnical Reports (SGR) and/or other specialized geotechnical analyses and design as needed throughout District 4. Work Orders under the blanket agreement will be negotiated and authorized by the Department on an as-needed basis.

The Consultant's work is expected to include all management, layout, JULIE notification, traffic control, drilling, coring, sampling, laboratory testing, drafting, geotechnical analyses and report preparation as directed by the department. All work shall be completed in accordance with the department's Geotechnical Manual and all Geotechnical Manual Users Memorandums.

The department will provide the Consultant with available plans and drawings, historical data, survey benchmarks and estimated boring and/or coring plans applicable to each Work Order. The department will handle notifications to private property owners and communicate this information to the Consultant prior to starting drilling operations. Consultant shall provide soil boring logs, rock core logs, and laboratory test results to the Department using gINT, MicroStation, and GeoPak software. Consultant should also provide field logs and notes upon request.

The prime Consultant should have immediate access to a conventional drill rig. In addition, a track-type all-terrain vehicle shall be available upon request. Locally available drill rigs are preferred. Drill rigs must have a calibrated automated type hammer. The ability to meet these requirements must be addressed within the Statement of Interest.

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

Rating Description	Weight %
Past performance in project categories	30
Proposed staffing from Prime and any Subconsultants	15
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	20

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

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

- The person that will assume the duties of Senior Soils Engineer for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person that will perform duties of Project Soils Engineer (the individual directly in charge of the development of reports).
- The drilling technician who performs the logging in the field (must have a minimum of three years of experience).

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

Geotechnical Services (Subsurface Explorations)

Geotechnical Services (General Geotechnical Services)

Geotechnical Services (Structure Geotechnical Reports (SGR))

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

35. <u>Job No. P-94-006-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Three/District Four.</u>

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 4, 2020** at **1:30 PM** at the Region Three/District Four Office in **Peoria**.

Phase I/II engineering services are required for work on various projects throughout District Four. Work Orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. It is anticipated that over one-half of the assignments will be structurally-related work.

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

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

Value engineering work may consist of conducting project investigation and analysis including developing and evaluating alternative designs to proposed work developed during preliminary engineering.

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.

The selected Consultant and/or their subconsultants on this project are prohibited from managing contracts where either party is the prime Consultant or a subconsultant. The selected firm and/or

their subconsultants may not manage another firm if the relationship was reversed during another phase of work.

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

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

The estimated construction costs of each project may range from $50,000 to $3,500,000. It is anticipated that this contract will include approximately six (6) to fifteen (15) different projects. The engineering services required may consist of only a portion of the total engineering work on a given project.

The estimated engineering fee for this project is $1,200,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

- The person who will perform/supervise the work in the area of hydraulic analysis (must be an Illinois Licensed Professional Engineer). The **Hydraulic Reports (Waterways: Typical)** prequalification category requirement may be completed by the sub and/or prime Consultant.

- The person who will perform/supervise the work in the area of geotechnical analysis and the preparation of Structure Geotechnical Reports (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (Subsurface Explorations)**, **Geotechnical Services (General Geotechnical Services)**, and **Geotechnical Services (Structure Geotechnical Reports (SGR))** prequalification category requirements may be completed by the sub and/or prime Consultant.

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

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

- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consultant.

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

- 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 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 and Prequalification Agreement System (EPAS).

36. <u>Job No. V-94-002-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four.</u>

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

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

The Consultant who is selected for this project and all sub-consultants the Prime Consultant will be using is scheduled to attend an initial meeting on **February 12, 2020** at **10:00 AM** at the Region Three/District Four Office in **Peoria**.

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

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

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

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

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

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

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

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

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

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

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

- The Liaison Engineer who will assume all duties as Project Manager for all aspects of the work (an Illinois Licensed Professional Engineer is preferred).

- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).

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

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

37. <u>Job No. V-94-003-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Three/District Four.</u>

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

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

The Consultant who is selected for this project and all sub-consultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 12, 2020** at **10:00 AM** at the Region Three/District Four Office in **Peoria**.

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

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

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

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

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

The Consultant must complete and submit final measurements, calculations, field books, and all other contract record documents to the department no later than 30 days after final inspection of the project.

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

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

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

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

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

- The Liaison Engineer who will assume all duties as Project Manager for all aspects of the work (an Illinois Licensed Professional Engineer is preferred).

- The Construction Inspector(s) (with current IDOT Construction Documentation certificate).

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

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

38. <u>Job No. C-95-020-17, Phase III Construction Inspection, I-74, Champaign County, Region Three/District Five.</u>

This project may contain **Federal Funds**.

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

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

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

Phase III engineering services are required for construction inspection for the replacement of two structures along I-74 over Market Street & the IC Railroad/Oak St in Champaign. The improvement also includes minor resurfacing, lighting and other items associated with the structure replacement.

The following structures are included:

- S.N. 010-0020 (Interstate 74 over Market Street)
- S.N. 010-0021 (Interstate 74 over IC Railroad / Oak Street)

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

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

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

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 firm's experience with required project work	15
Firm's understanding/method of accomplishing project requirements	25

The completion date for this contract will be 24 months after authorization to proceed. This contract is scheduled for the 2020 through the 2022 construction seasons. The Consultant must complete and submit final measurements, calculations and final contract records documents to the department no later than six (6) weeks after the completion of the project.

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

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

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

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

39. <u>Job No. P-95-031-19, US 150 from I-74 Interchange to ILL 10 (Springfield Ave) in Champaign, Phase I and II Engineering Services, Champaign County, Region Three/District Five.</u>

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 4, 2020** at **1:30 PM** 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 Policy Resurfacing, Widening Existing Pavement, Intersection Reconstructions, ADA improvements, new curb and gutter, drainage improvements, traffic signal modernization, roadway diet and bicycle lanes on US 150 (Prospect Ave) from I-74 Interchange to ILL 10 (Springfield Ave) in Champaign.

Phase I work may consist of a drainage study that looks at the effects of the roadway widening 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; land 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, abbreviated bridge condition reports, existing plans, agency coordination, utility coordination, environmental coordination, program costs and estimates, pavement cores, survey data, Microstation files, Geopak files, and crash data.

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

Rating Description	Weighted (%)
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	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 $15,500,000. The Consultant's work includes Phase I Reports and Phase II PS&E documents. This contract must be completed by August 31, 2024.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer).
- The person 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 for 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 & 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 and Prequalification Agreement System (EPAS).

40. <u>Job No. P-95-032-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Three/District Five.</u>

This project requires **19% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 5, 2020** at **1:30 PM** at the Region Three/District Five Office in **Paris**.

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

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

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

The department will furnish the Consultant with traffic data, bridge condition reports, hydraulic reports, existing plans, utility coordination, survey data, Microstation files, Geopak files, boring logs, and crash data when available.

The Consultant may be required to provide project management and/or project support staff to work in the District Five office. This work may include engineering, technical management, and/or project support.

The selected Consultant and/or their subconsultants on this project are prohibited from managing other consultant 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	15
The Firms experience with required project work	15
Firms understanding/method of accomplishing project requirements	15

It is anticipated that this contract will include approximately four (4) to ten (10) different projects. The Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The estimated construction cost for each project will range from approximately $10,000 to $5,000,000.

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** for this project must include:

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

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

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

- The person who will perform/supervise the work in drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). The **Special Studies (Location Drainage)** prequalification category requirements may be completed by 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 (Rehabilitation)

Structures (Highway: Typical)

Highways (Roads and Streets)

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

41. Job No. P-95-030-19, I-57 Bridge Superstructure Rehabilitation Under CH 17 1.8 MI E of Sadorus, Phase I and II Engineering Services, Champaign County, Region Three/District Five.

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 4, 2020** 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 bridge superstructure rehabilitation, resurfacing, guardrail updates, and potential bicycle lanes on CH 17 and I 57 East of Sadorus.

This project includes Phase I work which may consist of a Bridge Condition Report; a Structure Report; a Structure Geotechnical Report; a set of Type, Size, and Location Plans, and preliminary roadway plans for CH 17 over I 57, as well as, preliminary roadway plans for I-57 and preparing a project report. This work may include data collection, development of alternatives, cost estimates, traffic management analysis, traffic management plans, accident analysis, quantity computations, and other related work items required to produce a project report.

This project includes Phase II work which may consist of conducting route surveys, land surveys, right of way plat and plan preparation, writing legal descriptions, staking right of way, geometric studies, roadway plans, and any other related work required to complete final plans, 3D Model, special provisions, and estimates.

The following structure is included in this project, SN 010-0124 (CH 17 (Sadorus Rd) over FAI 57).

The department will furnish the Consultant with traffic data, abbreviated bridge condition reports, existing plans, agency coordination, utility coordination, survey data, Microstation files, Geopak files, and crash data.

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

Rating Description	Weighted (%)
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	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 $2,000,000. The Consultant's work includes Phase I Reports and Phase II PS&E Documents.

The contract must be completed by August 31, 2021. 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 be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by sub and/or prime Consultant.

- The person who will perform 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 (New Construction/Major Reconstruction)

Structures (Highway: Typical)

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

42. Job No. P-95-049-16, FAP 730 (US 51 Business) from College Ave. in Normal to Olive St. in Bloomington, Phase I & II Engineering Services, McLean County, Region Three/District Five.

This project may contain **Federal Funds.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 5, 2020** 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 and final contract plans, specifications, and cost estimates for 3R Standard Overlay project on FAP 730 (US 51B Business) from College Ave. in Normal to Olive St. in Bloomington. Anticipated improvements may include roadway widening, resurfacing, ADA improvements, sidewalk improvements, lighting improvements, intersection and traffic signal modernization, and repairs to SN 057-0194.

Phase I work, if required, may consist of preparing a Roadway Geotechnical Report and a project report. This work may include data collection, cost estimates, traffic management analysis, crash analysis, quantity computations, and other related work items required to produce a project report.

Phase II work, if required, may consist of ROW plats and plans, roadway plans and structure repair plans and any other related work required to complete final plans, special provisions, and estimates as necessary.

The following structure is included in this project, S.N. 057-0194 (US 51 over pedestrian walkway).

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

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

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	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 $18,000,000. 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 at 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)

Structures (Highway: Typical)

Highways (Roads and Streets)

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

43. Job No. D-96-013-20, MacArthur Boulevard from Wabash/Stanford Avenue to South Grand Avenue, Phase I and II Rehabilitation/Reconstruction, Sangamon County, Region Four/ District Six.

This project may contain **Federal Funds.**

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

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

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

Phase I and II engineering services are required for the rehabilitation/reconstruction of MacArthur Boulevard from Wabash/Stanford Avenue to South Grand Avenue.

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

The department will furnish the Consultant with a previously completed Feasibility Study, microfilm plans, field notes, traffic data, agency coordination, existing right-of-way plans, aerial photos, boring logs, route surveys, land surveys, and other information.

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

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

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

The estimated construction cost for this project is $15,000,000. The Consultant's work includes Project Report and Plans, Special Provisions, and Estimates.

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

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

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

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

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

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

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

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

- The person(s) who will be responsible for 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 drafting project websites, etc.

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

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

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads and Streets)

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

44. Job No. S-96-001-20, IL 57 / US 24 from north of IL 104 (Broadway St.) in Quincy to I-172 south of Marblehead, Phase I Engineering Feasibility Studies, Adams County, Region Four/District Six.

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

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

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

Phase I engineering services are required for the preparation of a Feasibility / Planning and Environment Linkages (PEL) Study to determine feasible alternatives for improving IL 57 / US 24 from north of IL 104 (Broadway St.) in Quincy to I-172 south of Marblehead. Alternatives to be considered but are not limited to include decoupling of 3rd and 4th St. between IL 104 (Broadway St.) and York St. as well as add lanes on IL 57 from York St. to I-172.

This project includes identifying the need for the improvement, establishing design criteria, public involvement including coordinating with local and public officials as well as affected stakeholders, accident analysis, traffic capacity analysis with signal coordination for each alternative, geometric drawings for each alternative, determining impacts to affected properties and the environment for each alternative, and developing cost estimates for each alternative. Bicycle and pedestrian accommodations should be considered while alternatives are being developed.

The department will furnish the Consultant with traffic data, existing plans, agency coordination, utility coordination, survey data, MicroStation files, and crash data.

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

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

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

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

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

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

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

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

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

45. Job No. D-96-014-20, Various Geotechnical Investigations, 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 is required.

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 5, 2020 at 10:00 AM** at the Region Four/District Six Office in **Springfield**.

Phase I and/or II engineering services are required for all work needed to perform subsurface explorations and prepare geotechnical recommendations and/or reports for roadway and structure improvements as needed throughout District Six. The work shall consist of geophysical services, in-situ testing, soil sampling, lab testing, geotechnical analysis, report preparation and all other work needed to provide adequate subsurface information and geotechnical recommendations. Geophysical service will include Seismic Refraction and/or Reflection techniques. In-situ testing will include Standard Penetration Testing (SPT), Field Vane Shear, Cone Penetration Testing (CPT) with shear wave capability, and Dynamic Cone Penetration Test (DCP). Soil sampling shall include soil borings, rock cores, pavement coring and any other sampling required to be analyzed. All work shall be done in accordance with the 2016 IDOT Geotechnical Manual, current ASTM/AASTHO standards and guidelines, and District 6 standards of practice. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed business. All work may be in either English or metric units.

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

The Department will furnish the Consultant with preliminary subsurface exploration plans, geophysical testing, geotechnical design criteria, preliminary structure design information, and other information as appropriate for each work order. The completion date for this contract will be 60 months after authorization to proceed.

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

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

- The person who will perform the duties of the Senior Geotechnical Engineer responsible for all aspects of the work (must be an Illinois Licensed Professional Engineer with a minimum of 5 years demonstrated experience with geotechnical issues related to roadway and bridge design and construction).

- The person who will perform the duties as Geotechnical Lead Engineer for Structure Geotechnical Reports (must be an Illinois Licensed Professional Engineer or Structural Engineer).

- The person who will perform the duties as Geotechnical Lead Engineer for General Geotechnical Services (must be an Illinois Licensed Professional Engineer).

- The additional geotechnical engineering staff who will be performing analyses and preparing reports.

- The person(s) who will perform the duties of on-site Field Drilling Supervisor who directs field operations, performs field logging, and performs field testing.

- The person(s) supervising laboratory testing.

- Geotechnical lead for subsurface exploration.

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

Geotechnical Services (Subsurface Explorations)

Geotechnical Services (General Geotechnical Services)

Geotechnical Services (Structure Geotechnical Reports (SGR))

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

46. Job No. D-96-016-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Four/District Six.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 5, 2020** 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. 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, 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, structure plans, roadway plans, drainage plans, geometric plans, traffic signal design plans, geotechnical analysis, traffic staging plans, temporary and permanent erosion control plans, plats and legal descriptions for Right-of-Way acquisition, and any other related work required to complete plans, specifications and estimates as necessary.

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

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

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

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

The Consultants Statement of Interest will be rated based on:

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

The estimated 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 project must include:

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consultant.

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

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

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Structures (Highway: Typical)

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

47. <u>Job No. D-96-015-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Four/District Six.</u>

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 6, 2020** 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. 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, 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, structure plans, roadway plans, drainage, geometric plans, traffic signal design plans, geotechnical analysis, traffic staging plans, temporary and permanent erosion control plans, plats and legal descriptions for Right-of-Way acquisition, and any other related work required to complete plans, specifications and estimates as necessary.

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

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

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

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

The Consultants Statement of Interest will be rated based on:

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

The estimated 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 project must include:

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

- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).

- The person who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consultant.

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

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

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Structures (Highway: Typical)

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

48. Job No. D-97-048-20 ; Various Phase I/II Engineering 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 **0.035.**

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 5, 2020** 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 structure plans, roadway 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 project must include:

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

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

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

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

Highways (Roads and Streets)

Location Design Studies (Rehabilitation)

Structures (Highway: Typical)

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 and Prequalification Agreement System (EPAS).

49. <u>Job No. D-98-068-20, Various Phase I & II Utility Coordination Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

This project requires **15% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

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

Phase I & II Engineering services are required for utility coordination work for various routes in District 8. The Consultant shall respond within 24 hours to the District after receiving each work order assignment to discuss the scope of work, negotiate hours of work, equipment required, and direct cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within 10 calendar days. The Consultant may be required to conduct this work in the District 8 office supplementing district staff.

Work Orders under the blanket agreement will be negotiated by the department and authorized prior to authorization to proceed on an as needed basis.

The Consultant may be required to provide services that consist of coordination with the utility companies whose facilities are affected by the highway projects and include the following tasks:

- Review IDOT's construction plans for areas of utility conflict where adjustments/relocations are needed.
- Provide a copy of IDOT's construction plans to the utility companies accompanied with an information letter and coordinate with utility companies to assist in plan preparation.

The Consultant may be required to verify and record the horizontal location of each aerial and underground utility facility within the proposed construction limits, and also, verify and record the vertical location of each underground utility that will require lowering or relocation due to the improvement.

The Consultant may be required to review plans and estimates furnished by the utility company for the most economical method of relocating the utilities, along with the following services:

- Check plans and estimates of cost from the utility company and coordinate with the utility company for revisions if needed.
- Forward a copy of the reviewed and accepted plans and estimates of cost to the district. A copy of the plans and estimates are required minimum of 5 months prior to the job letting.
- Provide to the District a completed "Status of Utilities to be Adjusted" sheet with the estimated dates of completion for each utility. This document is to be provided to the District a minimum of 14 days prior to the Plans, Special Provisions, & Estimates (PS & E) date for the letting for the improvement.
- Check plans, estimates and other data provided by the utility required for preparing a reimbursable utility adjustment, if needed.

If the utility adjustment is to construct on ROW, then a permit is required (IDOT writes the permit). The utility company is responsible to obtain the permit from IDOT. The Consultant will be responsible to review the proposed adjustment to insure the adjustment does not conflict with IDOT's proposed improvement.

The Consultant may be asked to review and inspect utility permits as part of the daily operation of the department, and also monitor and inspect any utility adjustments in the field to assure the adjustments are in accordance with the approved adjustment plan and when necessary, coordinate with the utility to identify and correct problems as they occur. Consultant may also be asked to perform the following:

- Field check the adjustments and verify that they will not be in conflict with the proposed improvement.
- Schedule and coordinate the adjustments to be completed before the contractor is to start construction (10 days after the execution of the contract).
- Records should be kept of manpower, equipment, and materials used on reimbursable utility relocations.

The Consultant may be required to review for accuracy all bills submitted by the utility companies for reimbursement. Work with the utilities to obtain a bill reflecting appropriate charges and submit the bill with your recommendations to IDOT for payment. IDOT will process the bills for payment. The consultant will be required to attend field checks and preconstruction meetings for each section. Also once the utility companies have received the plans and start submitting proposals, biweekly meetings may be required to discuss the job status.

The department will furnish the consultant with any available final plans, as-built plans, microfilm plans, field notes, existing right-of-way plans, boring logs and other information.

The Consultant will be required to prepare the utility coordination portion of these plans using Microstation and Geopak software that is utilized by the Department and capable of translating to the Department's system in accordance with "CADD Roadway Drafting Reference Guide" and current Electrical Data Transfer Standards. Complete files, design and geopak, will be required. Existing information will be furnished in this format if available.

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

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

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

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

- The person's name who will assume the duties of Project Manager for all the aspects of work.

- The person's name who will assume the duties of Project Coordinator directly involved in the management of each project.

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

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

50. <u>Job No. D-98-073-20, Phase I/II Various Surveying Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

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 20, 2020** at **10:00 AM** at the Region Five/District Eight Office in **Collinsville**.

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

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

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

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

Rating description	Weight%
Past performance in project categories	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	30
Firms understanding/method of accomplishing projects requirements	15

It is anticipated this contract will include approximately ten (10) to twenty (20) such surveys. The estimated engineering fee for this project is $500,000. The completion date for this contract will be 48 months after authorization to proceed.

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

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

- The person who will perform/supervise the work in the area of surveying (must be an Illinois Licensed Professional Land Surveyor).

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

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

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

51. <u>Job No. P-98-014-20, IL Route 4/15 over the Kaskaskia River, Phase I Engineering Services, Fayetteville, St. Clair County, Region Five/District Eight.</u>

This project may contain **Federal Funds**.

This project requires **19% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

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 3, 2020** at **1:30 PM** at the Region Five/District Eight office in **Collinsville**.

This project includes the replacement of the structure carrying IL Route 4/15 over the Kaskaskia River. This may result in constructing the structure on new alignment or utilization of Accelerated Bridge Construction (ABC) methods in order to minimize adverse travel (distance or duration) to the motoring public. If constructed on new alignment, this project may also include the modification or replacement of the adjacent two overflow structures carrying IL Route 4/15 over the Kaskaskia River overflow channels. It is anticipated that this project will be processed environmentally as a Categorical Exclusion.

Phase I engineering services required for this project are anticipated to include the preparation of the Project Report, environmental studies and coordination including a noise study, Bridge Condition Report, TS&L drawings, Structure Geotechnical Report (SGR), Hydraulic Report, Location Drainage Study, geometric studies, soil borings, public involvement using Context Sensitive Solutions, possible Intersection Design Study (IDS), traffic management analysis, topographic surveys, and all other work necessary to complete Phase I and obtain Design Approval.

The following structures are included in this project:

- S.N. 082-0077 - IL Route 4/15 over Kaskaskia River (main structure)
- S.N. 082-0078 and 082-0275 - IL Route 4/15 over Overflow Channels (2 structures)

The department will furnish the Consultant with any available as-built plans, microfilm plans, traffic data, crash analysis, project control points and site benchmarks, existing alignment, aerial mapping - digital topographic map of the project limits and digital orthophoto mosaics of the project limits, previous structural geotechnical reports as available, structural inspection notes, existing right of way plans, aerial photos, and other information deemed applicable to the Consultant's work.

The Consultants' Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any subconsultants	30
Proximity of firm to project location	7
Proposed DBE use	3
Available work capacity of firm	10
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

The estimated construction cost for this project is $35,000,000.00. The completion date for this contract will be 36 months after authorization to proceed.

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

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

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

- The person 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 the ABC Construction methods evaluation. Include any support staff, list no more than five structure projects utilizing ABC Construction.

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

Structures (Highway: Advanced Typical)

Location Design Studies (Reconstruction/Major Rehabilitation)

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

52. Job No. D-98-074-20, Various Phase I/II Surveying Projects, Various Routes, Various Counties, Region Five/District Eight.

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

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

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 27, 2020** at **10:00 AM** at the Region Five/District Eight Office in **Collinsville**.

Phase I/II 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, and land surveying to locate right of way, record research, preparation of, and recording of monument records. The Consultant's work may include staking out the existing centerline alignment, as well as performing horizontal and vertical control surveys for highway design projects. The Consultant's work may also include performing floodplain cross sections, streambed profiles, waterway opening sketches, roadway profiles and other tasks necessary to complete hydraulic reports. The Consultant selected for this project shall be required to process their field data and submit their data in an electronic format while adhering to all IDOT's standards. The Consultant selected for this project shall be required to use IDOT's Point Code Listing while conducting the field survey and shall be required to submit all original field notes upon completion of said surveys.

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

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

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

Rating description	Weight%
Past performance in project categories	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	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 $500,000. The completion date for this contract will be 48 months after authorization to proceed.

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

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

- The person who will perform/supervise the work in the area of surveying (must be an Illinois Licensed Professional Land Surveyor).

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

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

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

53. Job No. D-98-075-20, Various Phase I/II Subsurface Utility Engineering, Various Routes, Various Counties, Region Five/District Eight.

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

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

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 **January 29, 2020** at **10:30 AM** at the Region Five/District Eight Office in **Collinsville**.

Engineering services for subsurface utility engineering are required on various projects throughout District Eight for use primarily on Phase I and II projects. There may be projects during Phase III. Work orders under a 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 cost. After the department gives the Consultant authorization to proceed, the Consultant shall commence work within 10 calendar days.

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

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

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

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

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be 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 perform the work required for surveying (must be experienced in survey of utility features and an Illinois Licensed Land Surveyor). The **Special Services (Surveying)** prequalification category requirement may be completed by the sub and/or prime Consutlant.

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

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

Statements of Interest must include the following:
- Names of key personnel, along with resumes indicating qualifications.
- A statement of your firm's ability to do the work in-house or if necessary, what work you would need to subcontract.
- A statement of your firm's ability to perform the work within the time frame described.
- Name and phone number of the contact person in your organization.

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

54. <u>Job No. D-98-071-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

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 6, 2020** at **1:00 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.

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, preparing Structure Geotechnical Reports, soils analyses, value engineering studies 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 preparing environmental and hazardous waste documents, 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.

Projects may include public involvement. Public involvement may include coordinating and leading 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.

The various proposed projects may consist of ADA plans, simple roadway patching and 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. This work may include preparing Bridge Condition Reports, preparing TS&L drawings for structures, conducting surveys, preparing structural geotechnical reports, providing soil borings and analysis for various roadway, foundation and other geotechnical reports, pavement cores to verify existing pavement condition, composition and thicknesses, checking traffic signal or highway lighting warrants, utility coordination, traffic signal, highway lighting and signing plans, developing construction staging and maintenance of traffic and transportation management plans (TMP's) and any other related work and exhibits as necessary to complete final plans, specifications, estimates of time and estimates of cost, 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 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 rated based on:

Rating Description	Weighted %
Past performance in project categories	15
Proposed staffing from Prime and any subconsultants	30
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing projects requirements	15

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

Key personnel listed on **Exhibit A** 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 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 **Geotechnical Services (Structure Geotechnical Reports (SGR))** 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 Statements of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's' key personnel listed in the Statement of Interest. Do not include more than ten relevant projects.

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

Location Design Studies (Rehabilitation)

Highways (Roads and Streets)

Structures (Highway: Advanced Typical)

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 and Prequalification Agreement System (EPAS).

55. <u>Job No. D-98-070-20, Various Phase II Land Surveying Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

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 4, 2020** 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. 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 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	25
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	5
Proposed DBE use	5
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	20

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

Key personnel listed on **Exhibit A** 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 prime firm must be prequalified in the **Special Services (Surveying)** category to be considered for this project.

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

56. Job No. D-98-090-17, IL 111 over I-64 in Washington Park, Phase II Engineering Services, St. Clair County, Region Five/District Eight.

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 5, 2020** at **1:00 PM** at the Region Five/District Eight offices in **Collinsville.**

Phase II services are needed for the I-64 / IL 111 interchange reconstruction 1.3 miles west of I-255 in Washington Park, IL. Phase II engineering services required for this project include the preparation of a Structure Geotechnical Report, a Type Size and Location drawing, and the preparation of final PS&E documents to replace the existing structure carrying IL 111 over I-64 and to re-configure the existing interchange into a diamond interchange configuration. Additional items include but are not limited to entrance improvements and geometric modifications, drainage plan, maintenance of traffic plan, storm water pollution prevention plan, traffic signal plan, interchange roadway lighting plan, supplemental surveys and all other necessary related work to complete Phase II. This project is anticipated to require a full structure replacement and interchange reconstruction, with a profile increase to improve the vertical clearance.

Items to be provided from the Phase I engineering services include a Project Report with a detailed environmental summary, land surveys, location drainage study, geometric studies, preliminary plan, profile, and cross section work, crash analysis, traffic management plan, Intersection Design Study, hazardous waste coordination, utility coordination and correspondence, public involvement associated with a Context Sensitive Solutions project, Bridge Condition Report, Access Justification Report, and all other work associated with the approved Project Report. Any Phase I items that are revised as a result of Phase II design process shall be amended as a part of the Phase II contract.

The following structure is included in this project, S.N. 082-0166 (IL 111 over I-64).

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

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

The estimated construction cost for this project is $22,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

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

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

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

Highways (Freeways)

Structures (Highway: Typical)

The Statement of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's current key personnel as listed above. The Statements of Interest must list no more than ten (10) applicable projects.

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

57. <u>Job No. P-98-018-20, Phase I/II Various Engineering Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

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 5, 2020** 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.

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, public involvement, Value Engineering Studies, 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.

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.

In addition, the Consultant may also be required to provide an in-house Project Manager (PM) having the qualifications listed below on either a part-time or full time basis for part of the duration of this contract. It is anticipated the PM Consultant may be required to conduct his/her work in the District eight office 3-5 days per week. This person should be proficient in 3D terrain modeling utilizing Bentley's PowerGEOPAK SS4 with OpenRoads Technology or Open Roads Designer in accordance with the latest IDOT Computer Aided Design, Drafting, Modeling and Deliverables (CADD) Manual. The in-house PM Consultant will be expected to perform work similar to an IDOT Project Manager & staff, and report to the Project Engineer for Phase I work. The work may include producing Phase I Reports, producing Phase II contract plans, engineering, management, public coordination, administrative services, and other work as necessary to ensure assigned projects are brought to completion in accordance with established schedules. The PM Consultant may be assigned to manage 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 subconsultant may not manage another firm if the relationship was reversed during another phase of work.

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 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 Consultant's Statement of Interest will be rated on:

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

The estimated engineering fee for this project is $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 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 the work in the area of structure plan preparation documents (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- The person(s) who will provide in-house engineering support (must be an Illinois Licensed Professional Engineer and have at least five years of experience as a 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 be in charge of geotechnical engineering (must be either an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (Structure Geotechnical Reports (SGR))** 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 Statements of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads and Streets)

Structures (Highway: Typical)

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

58. <u>Job No. P-98-017-20, Phase I/II Various Engineering Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

This project requires 1**8% 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, 2020** 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.

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, public involvement, Value Engineering Studies, 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.

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 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 Consultant's Statement of Interest will be rated on:

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

The estimated engineering fee for this project is $650,000. 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 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 geotechnical engineering (must be either an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). The **Geotechnical Services (Structure Geotechnical Reports (SGR))** 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 Statements of Interest must also include the Consultant's relevant projects completed by the firm for IDOT within the past four years by members of the Consultant's' key personnel listed in the SOI. Do not include more than ten (10) relevant projects.

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

Location Design Studies (Reconstruction/Major Rehabilitation)

Highways (Roads and Streets)

Structures (Highway: Advanced Typical)

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

59. <u>Job No. D-98-072-20, Various Phase I and/or II Engineering Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

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 12, 2020** at **10:30 AM** at the Region Five/District Eight Office in **Collinsville.**

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

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

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

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

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

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

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

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

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

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

Rating description	Weighted%
Past performance in project categories	30
Proposed staffing from Prime and any Subconsultants	15
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	15
Firms understanding/method of accomplishing projects requirements	20

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

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

- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public involvement work he/she has directed involving facilitation of community advisory group meetings, public meetings and public hearings; organizing work groups and press conferences; stakeholder meetings; drafting press releases and property owner contact letters, etc.

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

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

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

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

- The person who will perform/supervise the pre-final contract plan reviews of plans developed by others (resumé must indicate a background that has adequate plan review experience with an emphasis on constructability).

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

Highways (Roads and Streets)

Structures (Highway: Typical)

Location Design Studies (Reconstruction/Major Rehabilitation)

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

60. <u>Job No. V-98-001-20, Phase III Various Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Eight.</u>

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 12, 2020** at **10:00 AM** at 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 8 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. Illinois Construction Records System (ICORS) software will be provided for downloading on the Consultant's computer, if required.

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 3-6 days per week.

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

The 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 of these projects may range from $500,000 to $5,000,000. The Consultant must complete and submit final measurements, calculations, and contract record documentation to the department no later than six (6) weeks after completion of each project as required. The various projects are scheduled for construction during the 2020 thru 2024 construction seasons.

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 Liaison Engineer who is 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.
- The Materials Coordinator along with qualified QC/QA engineers and inspectors.
- The Document Technician (the person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT).

The 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 and Prequalification Agreement System (EPAS).

61. Job No. V-99-001-20, Various Phase III Construction Inspection Projects, Various Routes, Various Counties, Region Five/District Nine.

This project requires a **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 6, 2020,** 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 subconsultants on the same project or on material coming in from the same plant is prohibited. At the negotiations meeting, the prime Consultant, and subconsultant(s) will disclose all previous involvement in the district as well as all current relationships with contractors.

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

Rating Description	Weighted %
Past performance in project categories	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 2020, 2021, 2022, 2023 and 2024 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 $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 Resident Engineer(s). Include the Documentation certificate number for IDOT. Minimum ten 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).

- 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 and Prequalification Agreement System (EPAS).

62. Job No. P- 99-006-20, TR 93 from Cambria road to County Line road, Phase I/II Engineering Services, Williamson County, Region Five/District Nine.

This project may contain **Federal Funds**.

This project requires **15% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **February 5, 2020** at **10:00 AM** at the Region Five/District Nine office in **Carbondale**.

Phase I Engineering Services are required to perform all work associated with the preparation of a Combined Design Report and Environmental Assessment for the proposed extension of TR 93 (Herrin Road) on new alignment from Cambria Road westerly approximately 1.75 miles to County Line Road. The scope of work will include a new two lane highway and drainage structures along the flood plain of the Big Muddy River. Near the completion of Phase I, Phase II will be negotiated for the preparation of preliminary and final construction plans.

The Consultant's work will include data collection; alternate geometric studies; Intersection Design Studies; Location Drainage Study; Hydraulic Report; TS&L; Structure Geotechnical Report; ground and hydraulic surveys; subsurface exploration; estimates of cost; preparation of public meeting exhibits; environmental consequence considerations and related work necessary to complete the Combined Design Report and Environmental Assessment. The Consultant will be required to plan, schedule and conduct public informational meetings and a public hearing that will explain the project to the public and to receive public input into the design process.

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.

The department will furnish traffic data, accident statistics, existing right-of-way plans, and available as-built construction plans.

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

Rating Description	Weighted %
Past performance in project categories	25
Proposed staffing from Prime and any subconsultants	28
Proximity of firm to project location	5
Proposed DBE use	2
Available work capacity of firm	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	10

The completion date for this contract will be 60 months after authorization to proceed. The Phase I portion is expected to be completed in 36 months and the Phase II portion is expected to be completed in 24 months. A planned Supplement for Phase II will be done near the completion of Phase I.

Key personnel listed on **Exhibit A & 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 assume the duties of Project Engineer, that individual in charge who is directly involved in the development of contract documents (must be an Illinois Licensed Professional Engineer).

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

- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Hydraulic Analyses (must be an Illinois Licensed Professional Engineer) must have previous work with longitudinal floodplain encroachment, IDNR-OWR permitting processes and two dimensional hydraulic modeling.

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

- The Environmental Lead, who will be responsible for the day-to-day management of the environmental work effort, and persons responsible for all environmental disciplines including water quality, noise, socio-economics and ecology. In addition, the staff performing this work must be identified.

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

Environmental Reports (Environmental Assessment)

Highways (Roads and Streets)

Location Design Studies (New Construction/Major Reconstruction)

Structures (Highways: Advanced Typical)

Hydraulic Reports (Waterways: Complex)

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

63. <u>Job No. MT-99-031-20, Various Phase III Materials Inspection and Testing, Various Routes, Various Counties, Region Five/District Nine.</u>

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 6, 2020, at 8:00 AM** at the Region Five/District Nine Office in **Carbondale.**

Phase III engineering services are required to perform the Quality Assurance (QA) and material inspection responsibilities of hot-mix asphalt (HMA), Portland cement concrete (PCC), soils, aggregates, pipe and precast culverts, and other miscellaneous materials at various construction projects and producer locations. Services and responsibilities include independent assurance inspection, sampling, and testing for the department of these various construction materials according to State and Federal guidelines at both plants and jobsites. These responsibilities include documenting and reporting of all quality assurance inspections and testing. Sampling, testing, and acceptance of construction materials shall be in accordance with the department's policies, "Manual of Test Procedures for Materials", highway standards, individual construction contract plans and special provisions. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The Consultant's work includes inspection, sampling, and testing of various materials from producer/contractor source and jobsite locations. Potential work assignments may include construction sites, producer locations, and the District Materials Laboratory. The Consultant will carry out quality assurance duties as defined in the construction contract, the department's Manual of Materials Inspection, Manual of Test Procedures for Materials, Project Procedures Guide and the Consultant agreement. The Consultant will maintain records and submit documentation of QA and material acceptance activities required by the construction contract, department policies and as directed by the department's Supervising Materials Field Engineers.

The Consultant may be asked to provide trained technicians to perform nuclear density testing for embankments, aggregates, and HMA pay items. Consultants will provide their own gauge, bunker, and transport box. Consultants will have their own nuclear license and will not be covered by the department's license.

In addition, the Consultant may be asked to provide Hot Mix Asphalt (HMA) testers to perform various testing in the District Nine Laboratory at 2801 West Murphysboro Road in Carbondale. The inspector(s) will be responsible for doing various aggregate and/or HMA testing at the direction of the IDOT Laboratory Supervisor. All testing will be performed on IDOT equipment.

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

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

The Consultant's Statement of Interest will be 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 may range from $100,000 to $25,000,000. The various projects are scheduled for construction during the 2020, 2021, 2022 and 2023 construction seasons.

The estimated engineering fee for this project is $500,000. The completion date for this contract will be 48 months after authorization to proceed.

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

- Liaison Materials Coordinator who will assume duties as Project Manager for all aspects of the work. Include relevant education, training, and experience.
- QC/QA Level 1 HMA Testing Technicians, include relevant training and experience.
- ACI Grade 1 PCC Testing Technicians, include QC/QA training and experience.
- Miscellaneous Materials Inspectors, include relevant training and experience.
- Soils and Nuclear Density Inspectors include relevant training and experience in soils, HMA and license information.

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

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

64. <u>In-Depth Inspection and Structural Evaluation of the New Harmony Bridge, IL Route 14 (FAP 857), White County/Posey County, Indiana, Illinois New Harmony River Bridge Authority.</u>

This item will be selected and administered by the Illinois New Harmony Bridge Authority.

This project requires **8% 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 first part of the project requires engineering services for the in-depth inspection of the New Harmony Bridge (Structure Number 097-9901) carrying FAP-857 over the Wabash River at New Harmony, Indiana. The second part of the project is expected to include structural evaluation of the structure, based on the findings of the in-depth inspection, and development of repair or replacement concepts and recommendations, as appropriate, including life cycle cost analyses.

Work is expected to include the following tasks below, as well as any additional work required to finish the inspection and reports required for the completion of the New Harmony Bridge project.

Part One: Inspection and Testing

- Full NBIS safety inspection of the full length of the structure.
- Full NBIS fracture critical inspection of all fracture critical members.
- Hands-on inspection of all gusset plates.
- Due to the seriously deteriorated condition of the bridge, it is anticipated typical under-bridge inspection vehicles (“snoopers”) and manlifts cannot be used on the bridge and that climbing techniques will be required for all access on the bridge.
- Visual and tactile inspection of 100 percent of all underwater structures (level 1)
- Provide measurements of scour, water depth around piers, and cross sections of the streambed,
- The cause of deficiencies shall be identified. It shall be determined if the causes remain present.
- Providing all traffic control, personnel, inspection equipment, and access equipment required for inspection of the full length and full height of the structure.
- Providing complete documentation of the inspection findings including all applicable written, photographic, and graphical documentation as applicable. All documentation shall be contained in a final report for this part of the project.

Part Two: Structural Evaluation

- Structural evaluation and complete load rating of the structure, including the effects of deterioration and other deficiencies found and documented during Part One of the project.
- Determining the most appropriate repair methods for the various types of deterioration and deficiencies identified.
- Life cycle cost analyses shall be prepared for all repair options. The life cycle costs shall be used in determining a final recommendation of any repairs and/or replacement, as appropriate.
- Estimated future rates of deterioration, before and after any recommended repair or replacements.
- Recommendations for future inspection and monitoring needs, before and after any recommended repair or replacements. The cost of future inspection and monitoring needs shall be included in the life cycle cost analyses.

- All of the preceding shall be provided for the scenarios of two lanes of traffic, one lane of traffic plus a bike/pedestrian lane, and any other traffic configuration requested by the Authority.
- All of the preceding shall be documented in a final report for this part of the project.

The Authority will furnish the Consultant with the available master structure reports and latest bridge inspection report, along with any as-built plans.

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

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

The completion of Part One of the contract will be 12 months after authorization to proceed. Part Two of the contract will be negotiated near the completion of Part One. The completion date for Part Two of the contract will be 6 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 and an Illinois Licensed Structural 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 and an Illinois Licensed Structural Engineer).

- Person who will be on site during all inspection work, other than diving inspection, to function as the National Bridge Inspection Standards (NBIS) Team Leader (must be an Illinois Licensed Structural Engineer and approved as an inspection Team Leader by the State Program Manager as required by the National Bridge Inspection Standards (NBIS), CFR23).

- Person who will be on site during all diving inspection work to function as the NBIS Team Leader for the diving inspection (must be an Illinois Licensed Structural Engineer and approved as an inspection Team Leader by the State Program Manager as required by the National Bridge Inspection Standards (NBIS), CFR23).

- Person(s) performing the diving: (must be certified divers and be qualified bridge inspectors in accordance with the NBIS and have passed the NHI class Safety Inspection of In-Service Bridges or Safety Inspection of In-Service Bridges for Professional Engineers, as appropriate).

- Person who will perform the work in the area of structural analysis, evaluation and recommendations and will seal the work required for Part Two of this project (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.

- Person who will perform the Part One QC/QA review work of all submittal documents (must be an Illinois Licensed Structural Engineer and approved as an Illinois NBIS Team Leader or Program Manager).

- Person who will perform the Part Two QC/QA review work of all submittal documents (Must be an Illinois Licensed Structural Engineer with adequate design experience for this type of bridge).

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.
- Experience with design and rehabilitation of truss bridges must be provided.
- Project approach
- A proposed organizational chart for the Consultant team.

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

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

65. Job No. P-30-004-20, Program Management Services for IDOT's Environmental Management System (EMS), Statewide.

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

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

The Consultant selected for this project, and all subconsultants the prime Consultant will be using, are scheduled to attend an initial meeting on **February 12, 2020** at **1:30 PM** at the Harry R. Hanley Building (IDOT Central Office), Bureau of Design and Environment in **Springfield.**

IDOT plans further development of the department's Environmental Management System (EMS) to better support the management of environmental obligations and requirements across the Department's portfolio of facilities and assets to aid in achieving and maintaining top tier environmental compliance, and as directed by Departmental Order 15-01. Currently, the Department's EMS program is managed as several disparate programs within the agency and one of the primary goals is to enhance existing EMS components and coalesce into a single comprehensive and transparent EMS program. To accomplish this, IDOT seeks an EMS Program Management Team (Team) to provide Phase I and II engineering services and highly specialized environmental compliance expertise, direction, and support to the Bureau of Design and Environment (BDE), Central Bureau of Operations (CBO), District Operations, and other parts of the Department. Work orders under a blanket agreement will be negotiated and authorized by the department on an as-needed basis.

SCOPE OF SERVICES

General Environmental Compliance Management

The primary focus of this work will be supporting industrial activities at the approximately 300 operations facilities statewide and their compliance with federal and state pollution control laws, environmental regulations and Best Management Practices (BMPs). The Team will routinely deal with numerous critical environmental compliance issues that are complex in nature, technically challenging, and operationally sensitive; requiring effective and professional communication within the Bureau, Department, other agencies, and the public. Success requires keeping abreast of related laws, statutes and rules and their potential effects on IDOTs operations.

The Team shall be comprised of three key positions; Environmental Compliance Senior Specialist (Senior Specialist), Environmental Compliance Specialist (Specialist), and Environmental Compliance Coordinator (Coordinator). The Team will demonstrate technical and regulatory expertise for the Department by providing leadership for development, implementation, maintenance, advocacy, education, and training of environmental compliance-related topics, including: preparation of internal environmental policy, procedures, and BMPs by studying new and existing environmental compliance laws, regulations and standards, determining their potential impact on operations, and ensuring Department expectations are being met. This includes coordination for the implementation of effective corrective actions for findings and issues documented in the Department's existing EMS program.

The Team will be responsible for continual development and improvement of the department's EMS processes, procedures and tools according to the American Association of State Highway and Transportation Officials (AASHTO) Practitioner's Handbook 08 Developing and Implementing

an Environmental Management System in a State Department of Transportation (DOT), dated September 2007, and other pertinent guidance. The team shall establish clear and measurable objectives and performance measures and targets for the department, building on the programs already in place. The Team shall identify gaps/needs and solutions, and identify deliverables including but not limited to BMPs, an EMS manual, training programs, and an Environmental Compliance Manual for the Bureau of Operations.

The Team will strategize environmental-related capital improvement projects with District Operations, the Bureau of Business Services' Capital Improvement Section, and the Capital Development Board (CDB) to gain efficiencies from a district-wide and state-wide approach. The Team will communicate with state and federal agencies including the Illinois Environmental Protection Agency (IEPA), Illinois Emergency management Agency (IEMA), Office of the State Fire Marshall (OSFM), Central management Services (CMS), CDB, and U.S. Environmental Protection Agency (USEPA) to assist with and solve environmental compliance issues affecting the Department.

The Team will actively support, enhance, and implement the Department's existing Environmental Management System (EMS) comprised of the following three functional program areas:

1. A web-based Environmental Management Information System (EMIS),
2. Facility Environmental Compliance Assessment (ECA) program, and
3. Departmental Policies and procedures, including best management practices (BMPs).

The firm shall supply additional expertise and personnel as needed to accomplish program related tasks and goals or as dictated by the Department's need.

Environmental Management Information System (EMIS)

EMIS is one of the primary electronic tools by which the Department measures and documents its compliance status with environmental laws and regulations. EMIS is maintained by the Bureau of Design and Environment. The Team will ensure EMIS inspections are regularly conducted by trained facility personnel assigned at every applicable facility statewide; and environmental compliance policy and best practice documents are prepared, implemented, maintained, and readily accessible. The Team will track the issues and findings generated from completion of the inspections and assist district personnel with developing effective corrective action plans to ensure a return to compliance.

The Team will continually evaluate the use of the tool by internal and external stakeholders and work with the Departments application developers to propose enhancements and modifications to continually improve the tool and increase its utilization.

The Team will use EMIS to track environmental and compliance permits and regulatory agency notifications affecting Operations; take necessary action to ensure the permits and notifications are renewed; and coordinate the documents with the affected departments, office, and bureaus. Permits include SPCC (Spill Prevention, Control and Countermeasure, storm water discharge (i.e., municipal separate storm sewer system or MS4), NPDES (National Pollutant Discharge Elimination System), and CAA (Clean Air Act) operating permits. Notifications and agency reporting include used and waste tires annual notifications, annual hazardous waste reports, and various underground storage tank (UST) testing and reporting requirements. An example of further enhancements would be a permit "dashboard" to be developed as a module

within EMIS to provide enhanced visibility and provide environmental staff with the tools needed to properly track and manage permits (e.g., ensure permits are renewed in a timely fashion).

Environmental Compliance Assessments

To protect its employees and ensure compliance with federal, state, and local environmental regulations, IDOT conducts Environmental Compliance Assessments (ECAs) at approximately 300 IDOT facilities on a 5 to 6-year rotational schedule (i.e., one region per year). ECAs are performed by prequalified environmental consulting firms on behalf of BDE. The ECA process consists of collecting and analyzing existing compliance information (e.g., permits, plans, previous reports, regulatory databases, EMIS inspection and issues data) gathered through a pre-assessment process. This is followed by an on-site assessment consisting of interviews with appropriate personnel and review of documents, procedures, and operational activities for compliance with regulatory requirements. An assessment finding report is then prepared documenting the efforts and identifying all points of non-compliance with environmental regulations. The report is then submitted to BDE for review and comment. The on-site assessment activities described above will be completed by others in most cases yet there may be select and limited occasions for the Team to conduct assessments. The Team, however, will be responsible for administration of the process, thorough technical review and distribution of ECA reports, and entry and dissemination of findings throughout the Department using EMIS and other means, thus requiring compliance expertise for administration and preparation of the entire ECA process. The Team will incorporate ECA results and findings into the overall EMS program and devise methods to track findings and assist and encourage others to resolve the identified issues. Safety-related assessments and compliance issue identification are not included in this project.

Policy and Procedures

The Team is responsible for developing, implementing and maintaining technical and regulatory guidance documents in coordination with BDE, Occupational Safety and health Unit (OSHU), Office of Chief Counsel (OCC), and various executive and departmental orders and BMPs affecting the Bureaus of Operations. These documents pertain to environmental and compliance regulations governing operational activities, and chemicals and wastes generated by facilities, thereby ensuring the Department's compliance with applicable federal and state environmental compliance regulations.

The Team will track implementation of the approximately two dozen BMPs at the facility and district level. Affected areas include: hazardous waste management, SPCC compliance, used oil management, underground and aboveground storage tank inspection and testing requirements, used and waste tire management, wastewater discharges to the environment, storm water management, salt and brine containment strategy, dead animal management, and technical assistance for cleanup of maintenance yard and roadway chemical spills and dumping situations, and others.

The Team will prepare and update the manual titled *Management of Hazardous Materials, Hazardous Wastes and Special Wastes at IDOT Operational Facilities* for use by department staff and provide technical guidance and expertise to all districts, central bureaus and on occasion, to other divisions and offices of the Department of Transportation. The Team will coordinate with the Bureau of Personnel Management, OSHU, and BDE, Geologic & Waste Assessment Unit for development, implementation and compliance with Departmental Order 15-01 and other applicable directives. Additional documents and manuals to be developed include, but are not

limited to, an overall operations environmental compliance manual and an underground storage tank program manual.
The Team shall review various procurement contracts including salt purchase contracts to determine ways to eliminate non-compliant temporary on-ground salt storage; and waste management contracts associated with removal and disposal of hazardous waste, used and waste tire, scrap metal, e-waste, etc., for efficiencies and compliance.

Tank Program

The Team will establish procedures to maintain compliance with underground storage tank (UST) and aboveground storage tank (AST) system regulations including the establishment and management of contracts with licensed tank repair contractors, as needed, to ensure repairs, testing, inventory reconciliation, and inspections are conducted regularly and in accordance with OSFM requirements; and will establish procedures so individuals involved in the handling or managing of tank systems and contents receive and maintain the appropriate training. This task also includes assessment of environmental threats of fuels and salt brine storage to facilitate prioritization of capital improvement projects for secondary containment and tank replacement programs.

Waste Management

This Team will assist the Central Bureau of Operations in administering the department's contract(s) for waste disposal of chemicals, batteries, universal waste, used oil, and used and waste oil tires. To perform these duties, the Team will require the identification of and support from a Waste Coordinator / Manager in each Division, Office, District, or Central Bureau and for each street address where hazardous materials and wastes exist. This position services as liaison with the District Waste Managers and will provide expertise with applicable federal and state regulations pertaining to the materials' use, storage, and disposal, and aid with inventorying, classifying, and managing the waste materials. The Team will develop and implement waste minimization strategies and programs with a goal of continuous improvement of the waste disposal process and associated expense. This includes minimizing the volume of waste and number of locations where the materials are accumulated at each operating facility to remain below the level that classifies the location as a Small Quantity Generator (SQG) or Large Quantity Generator (LQG) to attain the classification of a Very Small Quantity Generator (VSQG) or eliminate the generation and accumulation of hazardous wastes altogether where feasible. The position will use EMIS as a primary tool to carry-out the waste management responsibilities. The Team will coordinate with the Bureau of Business Services to administer and re-issue waste disposal contracts

Water Quality

IDOT has a statewide NPDES permit ILR40 for Small Municipal Separate Storm Systems (MS4s) that covers state and interstate highways, their rights-of-way (ROW) and thoroughfares including streets, roads, bridges, maintenance facilities, service areas, and rest areas within IDOT jurisdiction. IDOT maintains a Storm Water Management Plan to meet the requirements of the ILR40 NPDES permit which specifies control measures and BMPs. The Team will work with various bureaus to imbed storm water management into the EMS program and ensure EMS procedures are consistent with current permits and desired goals.

In addition to the above general permit, IDOT maintains numerous specific NPDES permits for pumping and discharge of water from routine operations at various locations throughout the state

(e.g., groundwater dewatering, pump/lift stations, truck wash facilities, etc.). These permits are managed locally by districts. The Team will work with districts and CBO to incorporate these permits into the EMS program and track their progress using EMIS and other tools developed. Comprehensive review of these permits is required by the Team, so the Department implements storm water controls in an effective and efficient manner.

Training

The Team will develop a systematic process for developing and implementing ongoing awareness and competence education and training as necessary and in partnership with OSHU and BDE and CBO for maintenance yard and district employees relative to Department environmental objectives and initiatives, and trends in environmental and transportation environmental law and regulations applicable to IDOT. Awareness training is directed at the entire organization, is broad in scope, and addresses the purpose, structure, and targets of the EMS program. Competence training will be developed for specific groups of workers with training and education topics including waste management, used and waste tires, SPCC, used oil, tank systems, EMIS, chemical releases at maintenance yards and along state roadways, and other environmental and compliance issues affecting Operations facilities.

The Team will seek continuing education and training opportunities, and involvement in and certification with environmental compliance-related professional organizations, for example, Transportation Research Board (TRB) ADC60 committee on resource conservation and recovery, and National Registry of Environmental Professionals (NREP) certifications.

Travel will be required for this task to conduct training programs in district offices and maintenance facilities.

Incident Management

The Team will develop procedures for efficiently handling environmental responses and investigation of chemical releases and environmental damage at Operations facilities and along the state roadways resulting from spills/releases, traffic crashes, fires, fly-dumping, or other unplanned releases of chemicals into the environment. Responsibilities include development of communications and documentation procedures for reporting incidents and requesting internal assistance from within the Department and with and with outside agencies. The program will also include development of criteria for determination of when further investigations are necessary, including intrusive work such as soil and water sampling, extent of contamination studies, and implementing corrective action cleanup activities including transportation and disposal of waste materials, and documentation. The program will also include implementation and use of software allowing for incident workflow tracking, notifications, and incident resolution documentation.

Asbestos and Lead

The Team shall incorporate asbestos containing material (ACM) and lead-based paint (LBP) assessment and abatement documentation into the EMS program. The Department owns and operates numerous aging buildings, facilities, and structures that may contain, or previously contained, ACM or LBP. In many cases assessments have been performed by various bureaus within the department to document the presence of these materials. The Team will coordinate and work with various other bureaus within the Department to gather this information, archive within EMIS, identify data gaps, and provide technical support and expertise to ongoing assessments and abatement work. This work will include coordination to prepare and submit

annual hazardous waste generation reports required by the Department in cases where the LQG status is applicable.

Other services

The Team may be asked to engage in or conduct additional environmental and contracting services in support of the tasks described above and other environmental-related efforts. These may include collection of environmental media samples (soil, water, waste, building materials), analytical chemistry, geophysical surveys, modeling, drilling and installing wells, field oversight of contractor activities, geospatial data management, environmental risk assessment, value engineering, or other specialized environmental services. The consultant may be required to conduct environmental oversight of various construction activities, and contract with vendors, for example, excavation, trucking, disposal, and underground storage tank system removal.

The department acknowledges that Consultant is performing professional services for the department and that Consultant is not and shall not be required to become an "owner," "arranger," "operator," "generator," or "transporter" of hazardous substances (Hazardous Substances) as defined in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), as amended, which are or may be encountered at or near a project site in connection with Consultant's activities under the Agreement.

The Team may be requested to assist OSHU with identification and inventory of hazardous chemicals and materials used and in storage and assist facilities with implementing precautions necessary to protect human health and the environment from chemicals accumulated at each facility. Emphasis shall be placed particularly on hazards from potential spills or exposure related to these materials. This Team will establish procedures to reduce the quantities of hazardous materials ordered, stocked and used to thereby minimize the quantities of wastes generated.

Coordination with Others

The Team must communicate, coordinate, and collaborate regularly with districts, bureaus, other divisions and offices of the Department to fulfill the core responsibilities, including coordinating with BDE, Geologic and Waste Assessment Unit staff and OCC to understand the compliance issues identified through EMIS and ECAs and implement effective corrective actions with district operations personnel. The Team will strategize environmental compliance-related capital improvement projects with District Operations and the Bureau of Business Services' Capital Improvement Section, and CDB to gain efficiencies from a district-wide and state-wide approach.

The Team will communicate with state and federal agencies including IEPA, IEMA, OSFM, CMS, CDB, and USEPA to assist with, and effectively and efficiently solve environmental compliance issues affecting the Department.

Challenges

The greatest challenges for the Team are development of relevant and comprehensive policy and environmental compliance guidance documentation, and coordination and partnership with district personnel for practical implementation of corrective actions. The Team has a great deal of latitude in accomplishing responsibilities but is constrained by all department policies and procedures.

The effectiveness of the Team will be measured by the department's cost-effective compliance with applicable federal and state environmental and compliance rules and regulations, and the development and maintenance of applicable policy and technical guidance and implementation at the district and maintenance facilities.

Confidentiality

(1) Unless otherwise directed by IDOT, the Consultant shall hold all information provided by IDOT and the results of the work performed by the Consultant confidential and shall not disclose the same to any third party except where required by governmental regulatory agencies or as otherwise required by law. Documents shall be marked "Confidential," "Attorney Work Product," "Attorney-Client Privileged," or as directed by IDOT. The confidentiality provisions herein shall survive any termination or expiration of this agreement. The Consultant shall retain the right to disclose necessary information for financial, tax and insurance audits as required, subject to a confidentiality agreement with the auditor. Specific information concerning the work performed will not be disclosed without IDOT's prior approval.

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

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

Conflict of Interest

The selected Consultant and/or their subconsultants are prohibited from managing work orders under this agreement where either party is an active prime Consultant or a subconsultant.

The selected firm and their subconsultants on this project shall provide assurance they will not be in a position to administer or review their own work. Examples include the administration of the ECA process, the review of the associated ECA reports, and administration of incident / spill management responses by BDE's statewide environmental consultants.

The department will furnish the Consultant with all department procedures, standards and specification, survey information, Project Reports, microfilm and all other available documents, including access to EMIS and other relevant web-based applications.

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

Rating Description	Weighted %
Proposed staffing from Prime and any Subconsultants	30
Proximity of firm to project location	5
Available work capacity of firm	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	25
Project Specific Criteria: Firm shall provide creative, innovative and value-added services to accomplish the program goals.	10

The estimated engineering fee for this project is $5,500,000. 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 persons who will assume the duties of Environmental Compliance Senior Specialist and Environmental Compliance Specialist shall be an Illinois Licensed Professional Engineer or Illinois Licensed Professional Geologist), maintain an OSHA 40-hour HAZWOPER training certificate per 29 CFR 1910.120, and maintain the 8-hour refresher training. Include resume listing applicable project experience.

- The Senior Specialist will act as the technical and regulatory expert for the Department providing leadership for development, implementation, maintenance, advocacy, education, and training of environmental compliance-related topics including: preparation of internal environmental policy, procedures and BMPs relative to environmental regulatory compliance. The Senior Specialist will act as the EMS lead or 'Process Owner".

  The person must have demonstrable experience conducting environmental compliance assessments (ECA) at industrial-type facilities and preparing the associated ECA reports. The person should demonstrate ten to 20 years of experience with regulated substances investigations, transportation project development and construction, and show detailed knowledge of United States and Illinois environmental compliance regulations, as demonstrated by education, training and/or specific experience.

  The person should have registration as Certified Waste Management Professional (CWMP); Certified Environmental Systems Manager (CESM); Registered Environmental Manager (REM); and/or Certified Hazardous Materials Manger (CHMM).

  The person will work daily in the IDOT Central Office in Springfield.

- The person who will assume the duties of Environmental Compliance Specialist should demonstrate five to ten years of experience with similar skills as the senior specialist. This position will work daily in the IDOT Central Office in Springfield. Include resume listing applicable project experience.

- The Environmental Compliance Coordinator should demonstrate three to five years of experience with similar skills as the positions. It is desired for the coordinator position to work daily in the IDOT Central Office in Springfield or may work remotely in support of the Team. Include resume listing applicable project experience.

- Personnel with other skills as needed to accomplish the other needed services

Statements of Interest must include the following:

1. An organization chart showing the proposed key staff, their currently assigned daily home office, and the organizations functional areas used to support the scope of work. Similarly, information of subconsultants' location / organization should be provided.
2. A statement of your firm's ability and any subconsultant's ability to perform the work in-house, or if necessary, what work is to be subcontracted. Indicate item(s) of work, which would be subcontracted, and the proposed subcontractor(s) and subconsultants.
3. A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders.
4. The firm is required to provide relevant environmental compliance expertise by the proposed key staff including project and client names.
5. A discussion about how the key staff will accomplish the program objectives including working daily in the Springfield Hanley building.

The prime firm must be prequalified in the **Special Services: Hazardous Waste (Simple)** category to be considered for this project:

The chosen firm will have the personnel with wide range of experience and sufficient breadth and depth to adroitly handle anything in the environmental compliance field. The firm will have expert staff to minimize the start-up learning curve for work under this PTB. Previous experience and knowledge on IDOT projects are not necessarily required. Some work will involve experience equivalent to the Special Services, Hazardous Waste-Advance prequalification category.

Firms will be evaluated on their ability to comprehend the scope of work, as evidenced by their statements of interest and prequalification packages, the quality and experience of their assigned key staff; team organization, and management and responsiveness.

Additionally, the firm must comply with the following:

1. The Senior Specialist and Specialist will work daily in the Hanley Building in Springfield, and
2. Occasional travel statewide with overnight stays is required

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

66. <u>Job No. HPR-66-021-20, Transportation Systems Management and Operations (TSMO) Program Plan, Bureau of Operations.</u>

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 **February 6, 2020** at **11:00 AM** at the Harry R. Hanley Building Central Office, Central Bureau of Operations in **Springfield.**

Engineering services are required for developing a Transportation Systems Management and Operations (TSMO) Program Plan to identify how to improve IDOT's capabilities to operate and manage the state's transportation system. The three major components the TSMO Program Plan is intended to provide consist of:
1) Strategic direction;
2) Program development direction, and
3) Specific strategies and actions.

A major goal of a TSMO Program Plan is to integrate TSMO into the core mission and culture of the department and TSMO stakeholders. TSMO program planning is an ongoing, iterative process with other departmental plans, initiatives, and stakeholders. Program planning addresses internal and external coordination and collaboration to deliver a cohesive program. The TSMO Program Plan provides the structure by which IDOT coordinates across disciplines, projects and services to deliver the strategic vision. It also serves as the business plan for TSMO activities to support the business decisions and processes needed to deliver a safe, efficient and reliable transportation system while supporting the state's environmental and economic health. TSMO Program Plans typically include strategies IDOT already performs such as travel time information, Bus on Shoulder program, signal coordination and timing studies, and smart work zones. The TSMO Program Plan process will identify how IDOT can broaden and improve its range of operational strategies to better manage the existing system.

Basic framework for TSMO Program Plan:
- Mission, Vision, Goals, Objectives, and Performance Measures for TSMO
- Leadership and Organization Structure to support TSMO
- Business Processes for TSMO
- Resources (Financial, Human, Infrastructure, and Technology) including the needed staffing levels within the department to support TSMO
- Packages of Services, Projects, and Activities with Related Policies and Guidelines

The TSMO Program Plan will build upon IDOT programs including:
- IDOT Long Range Transportation Plan
- Illinois Metropolitan Planning Organization Plans
- IDOT Statewide ITS Architecture and Strategic Plan
- Statewide Advanced Traffic Management System Study
- Traffic Policies and Procedures Manual
- The deliverable will be a completed IDOT TSMO Program Plan document.

Consultant services are anticipated to consist of leading a collaborative effort to identify issues and opportunities, identify appropriate strategies, develop courses of action, and ultimately produce a TSMO Program Plan document that will guide the department efforts. Services are expected to include travel within the state, overnight lodging, and evening meetings with partner agencies.

The selected Consultant and/or their subordinates 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 Consultant's Statement of Interest will be rated based on:

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

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

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

- Person who will assume the duties of Project Manager for aspects of the work: (must be an Illinois Licensed Professional Engineer). Requires a minimum of four years of responsible project management experience and a documented history of TSMO program development and implementation, with specific experience in the development and planning for TSMO for transportation agencies.

- Person(s) with skill and mental development equivalent to completion of four years of college, preferably with emphasis on studies in transportation engineering and/or transportation planning.

- Person(s) with experience and a documented knowledge and experience of traffic and traffic signal systems operation, transit operations, intermodal freight operations, ATMS/ITS software types and capabilities, general TMC operations, and DMS/ PTZ camera operations and programming.

- Person(s) with familiarity and experience in using different forms of transportation operations software used in all transportation modes.

- Person(s) who will perform the QC/QA review work of all milestone submittal documents. Include related experience with this type of work.

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

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

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

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.

Consultant's Utilization
Plan PTB # 1XX Item #XX
Advertisement DBE Goal XX%

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 (NEW)	Qualifications (NEW)
Firm Name	Carrie.Kowalski@Illinois.gov	Edit	Delete	Include Number	Prequal Category

Subconsultants Work Performed

IDOT PreQualified Firms

--Select To Add Firm--

Firm Name	DBE	Qualifications	Categories	%Work by Firm	Edit	Delete
Firm Name A	No	Structures - Highway: Simple	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.

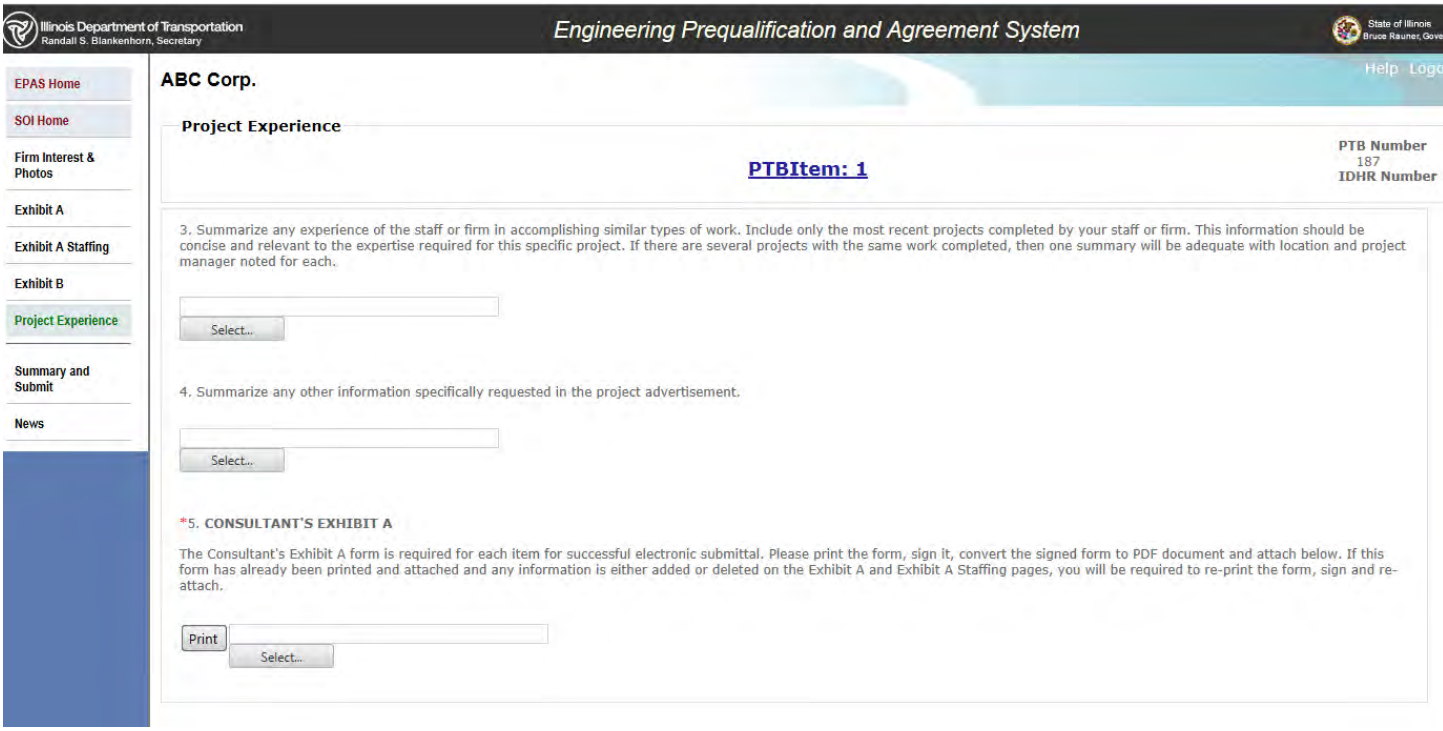
Mentor-Protégé

*Firm is proposing a Mentor-Protege on this project? Yes

--Select New Protege Firm--

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

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



*6. Subconsultant Utilization Form

The utilization form is required for successful electronic submittal. Please print the form and attach below. The forms are not required to be completed at submittal time. If selected for this Item, the prime firm will be required to Select "View", then print the forms, complete the forms and have any subconsultants complete and provide the forms to the Project Manager.

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

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

Address_____

City/State/Zip_____

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

I, acting in my capacity as an officer of the undersigned submitting firm (or firms in 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	

EXAMPLE ONLY

Consultant's Utilization Plan
PTB # XXX Item # XXX
Advertisement DBE Goal XX

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.

EXAMPLE ONLY

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 _____

Consultant's Utilization Plan
PTB # XXX Item # XXX
Advertisement DBE Goal XX

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.

EXAMPLE ONLY

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:

Compensation = DL+DC+OH+FF

Where Fixed Fee (FF):

For Prime Agreements is:
(0.33+ R)DL+%DL=FF

%DL = 10% of Direct Labor (DL) of Subs

For Sub-Consultants
(0.33 + R)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

<u>Escalation Rate:</u>

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 (5-5-16)

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

Start New SEFC | Amend Last SEFC

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category	Additional Info	Approval Letter
SEFC ID : 1	03/29/2016	12/31/2015	NewSEFC	134.2	APPROVED	View	View	Approval Letter
SEFC ID : 2	11/06/2013	06/30/2012	NewSEFC	0.00	NOT_APPROVED	View	View	NO LETTER
SEFC ID : 3	05/06/2013	12/31/2012	AmendSEFC	137.19	APPROVED	View	View	Approval Letter
SEFC ID : 4	04/11/2013	06/30/2011	AmendSEFC	137.19	APPROVED	View	View	Approval Letter
SEFC ID : ...	04/08/2013	06/30/2012	AmendSEFC	10.00	APPROVED	View	View	Approval Letter

SEFC ID 1 would have a letter stating in the first paragraph: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2015.

The last paragraph in the letter would state, Your firm is prequalified until December 31, 2016. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

SEFC ID 2 would not have a letter, firm was not approved

SEFC ID 3 would have a letter stating in part: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2012.

SEFC ID 4 would have a letter stating in part: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending June 30, 2011.

The IDOT prequalification approval letters:

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending (date specific to the firm's fiscal year end date). Your firm's total annual transportation fee capacity will be (determined as noted in the BDE Manual Chapter 8).

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling (Overhead%) are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Office of Quality Compliance and Review in a pre-award audit.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until (Fiscal Year + 1 year). You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

The last paragraph is saying your firm is prequalified for one year based on the firm's fiscal year and to remain prequalified the firm must submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) within 6 months. IDOT is giving the firm time to gather and complete information; we don't expect the firms to be able to submit data immediately. The firm remains prequalified during this six month grace period. Once the data is submitted, either before or on the due date, the firm remains prequalified in the current categories until IDOT reviews a category and makes a determination. If there is not submittal by the due date, the firm is automatically listed as not approved.

NOTICE

List of Prequalified Consultant Firms

May 05, 2016

IDOT provides a listing of prequalified consulting firms on the IDOT website, under Engineering, Architectural Professional Services

This list is typically updated weekly, and is based on the most recently approved SEFC application.

Information has been added to the website to help clarify:

Prequalification

All engineering, land surveying, and architectural consultants interested in providing services to IDOT, whether as a prime or subconsultant, must be prequalified with the department. IDOT prequalifies architectural and/or engineering consultants in multiple transportation categories of service. Prequalification is based on the firm's and the individual's professional experience and qualification. Annual updates to statements of experience and financial condition must be completed to maintain prequalification status. The process is governed by state Statute (30 ILCS 535/1).

There are approximately 400 firms prequalified with IDOT that are able to submit statements of interest on engineering, land surveying and architectural project advertisements. Updated every Friday, the List of Prequalified Consultants, List of Prequalified DBE Consultants and List of Prequalification Categories without a DBE firm, provides the firm name, address, DBE status, contact person, phone number, fax number and prequalified IDOT category or list posted is from the firms last approved Statement of Experience and Financial Condition. Firms with information in for review may have additional prequalification categories or may not have all the prequalification categories listed. Firms can track the progress of their Statement of Experience and Financial Condition review by viewing Status Column and the Category Column in EPAS.

Firms are encouraged to monitor their prequalification status in EPAS.

To check the status of an application and/or view current prequalification, log on to EPAS. In this example, the review of the application has not been completed. The Financial Portion is under review. The review of the requested prequalification categories is complete, note the RANKING_COMPLETE in the Status Column. Once the status column says APPROVED, the entire review is complete.

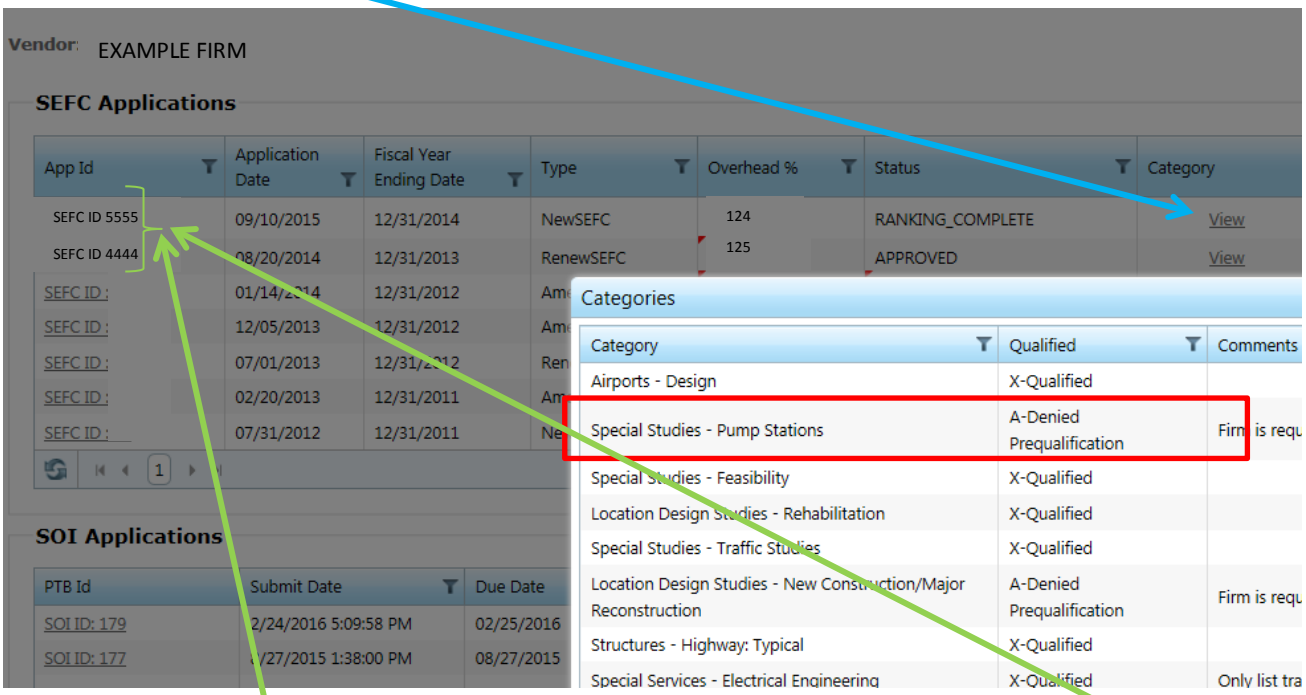
Vendor Search Results / Details

Vendor: |

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category	Additional Info
SEFC ID :	09/10/2015	12/31/2014	NewSEFC	116.45	RANKING_COMPLETE	View	View
SEFC ID :	08/20/2014	12/31/2013	RenewSEFC	118.52	APPROVED	View	View
SEFC ID :	01/14/2014	12/31/2012	AmendSEFC	117.62	APPROVED	View	View
SEFC ID :	12/05/2013	12/31/2012	AmendSEFC	117.62	APPROVED	View	View
SEFC ID :	07/01/2013	12/31/2012	RenewSEFC	117.62	APPROVED	View	View

At Ranking Complete, SEFC ID 5555, the firm can view their status of the proposed prequalification categories; select View in the Category Column. It will note if your firm is qualified or not qualified.



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 prequalifed 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 prequalfied 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 - Waterw
Construction/Major Reconstruction,Location Design Studies - Reconstruction/Major Rehabilitation,Location Design Studies - Rehabilitation,S
- Construction Inspection, ~~Special Services - Electrical Engineering~~,Special Services - Mechanical,Special Services - Sanitary,Special Studie
Drainage,Special Studies - Pump Stations,Special Studies - Safety,Special Studies - Traffic Studies,Structures - Highway: Advanced Typica
Highway: Typical Structu ~~Railroad Transportation Studies~~ - Mass Transit

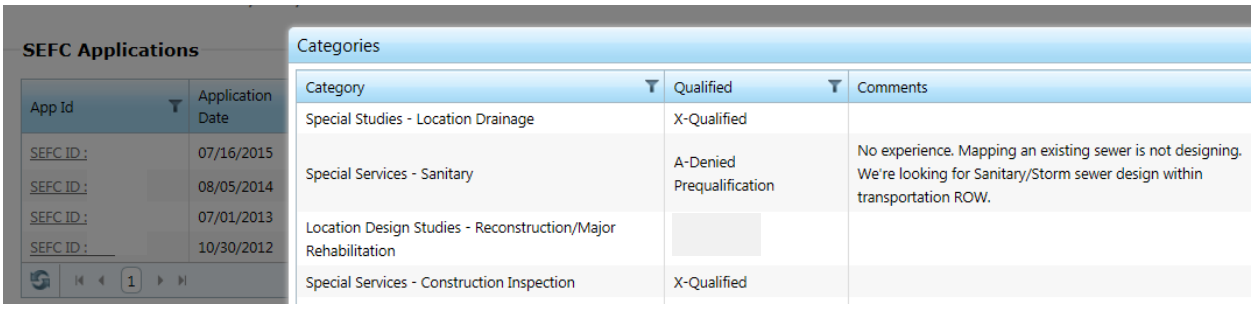
If the firm's status is Ranking Process, the prequalification category reviews have not been completed.

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

App Id	Application Date
SEFC ID :	07/16/2015
SEFC ID :	08/05/2014
SEFC ID :	07/01/2013
SEFC ID :	10/30/2012

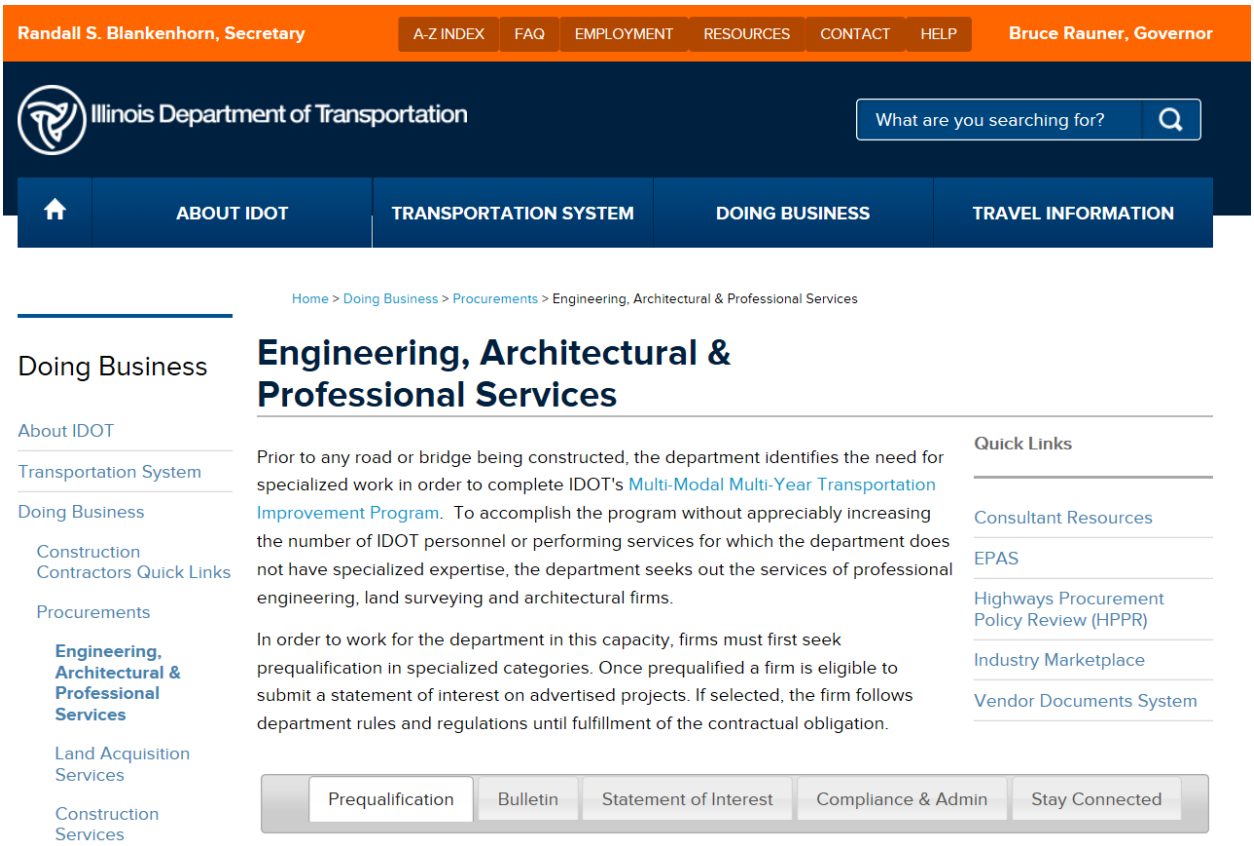
Categories

Category	Qualified	Comments
Special Studies - Location Drainage	X-Qualified	
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.
Location Design Studies - Reconstruction/Major Rehabilitation		
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

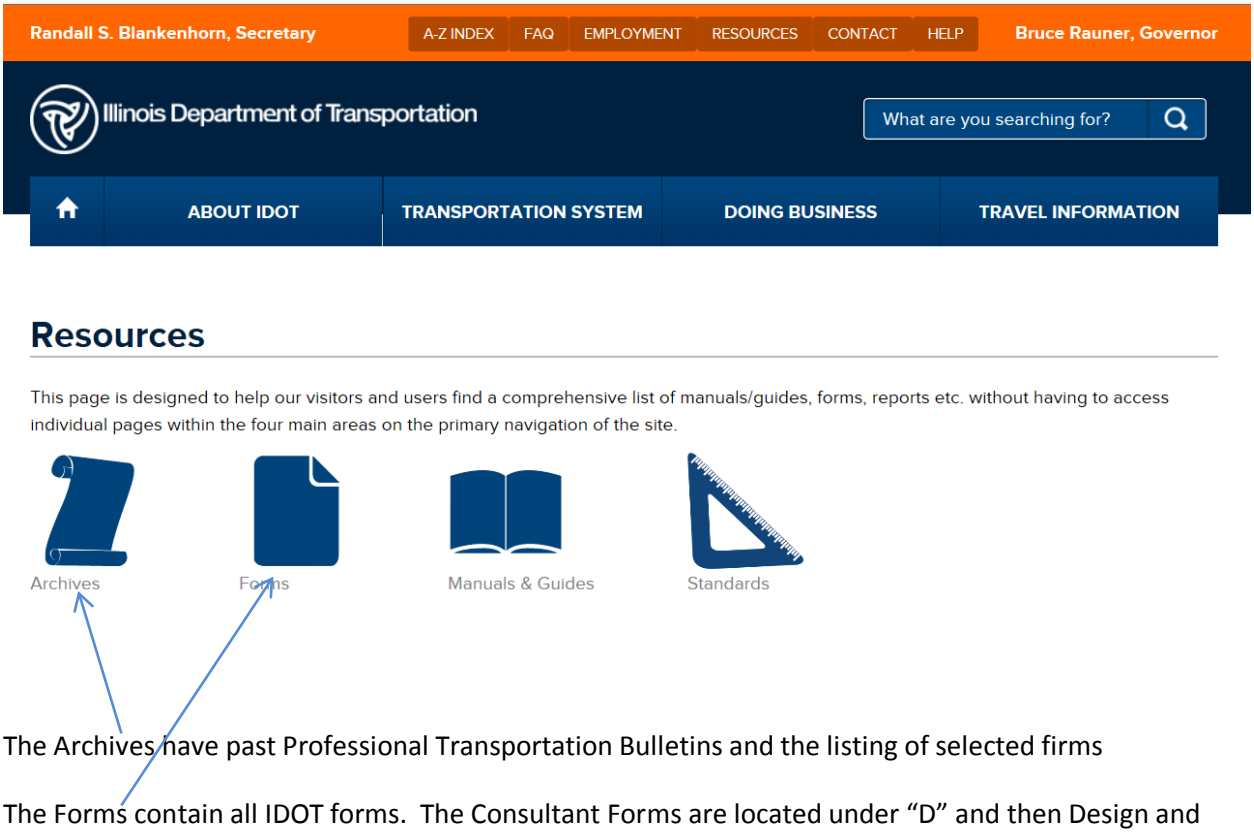
This gives a quick overview of the website and locations of data typically used by Consultant Engineering firms. Most information is located under the Doing Business, Procurements, Engineering, Architectural & Professional Services: http://www.idot.illinois.gov/doing-business/procurements/engineering-architectural-professional-services/index



The 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.

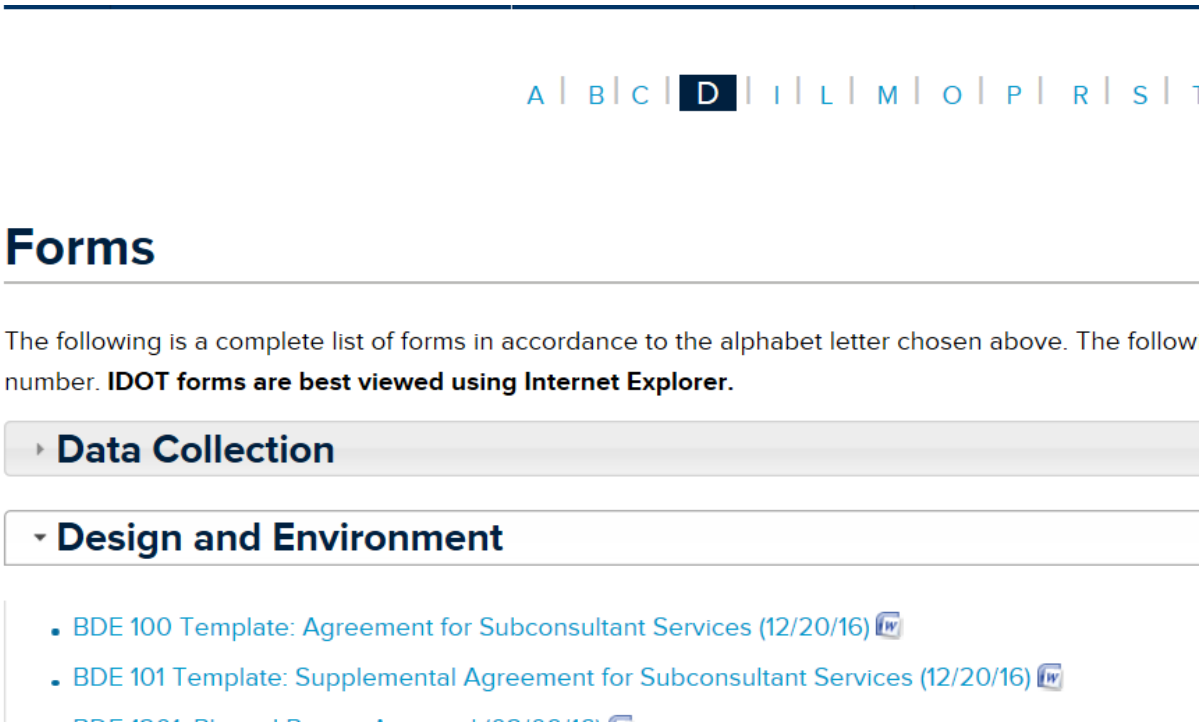
- Prequalification has a description of all prequalification categories, a current listing of all prequalified firms & the EPAS instruction manual for completing the SEFC & SOI.
- Bulletin has the most current PTB displayed and schedule for upcoming PTB's.
- Statement of Interest tab has the required 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



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.



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;

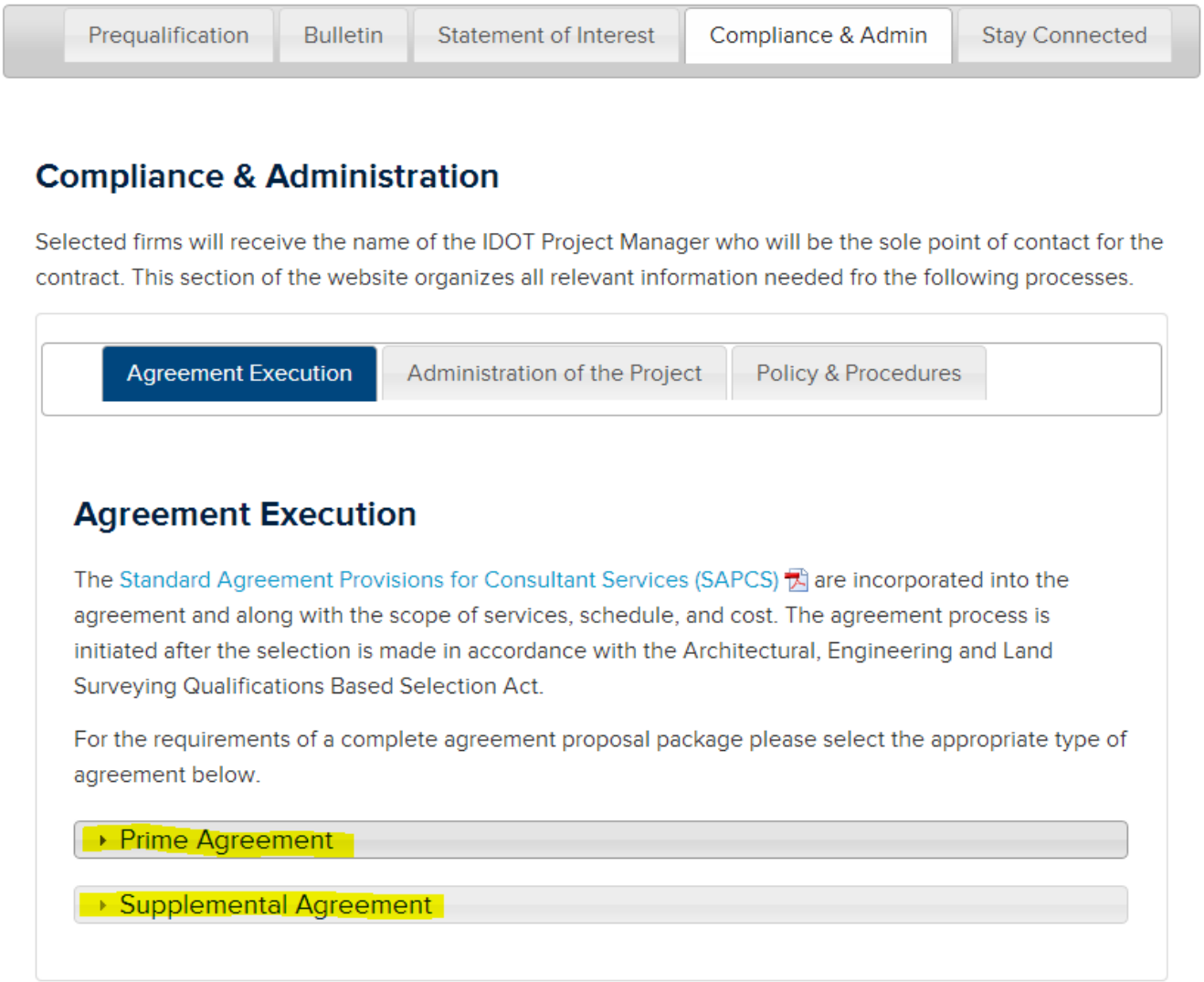
- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.,* 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42U.S.C. §460 I), (prohibits unfair 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

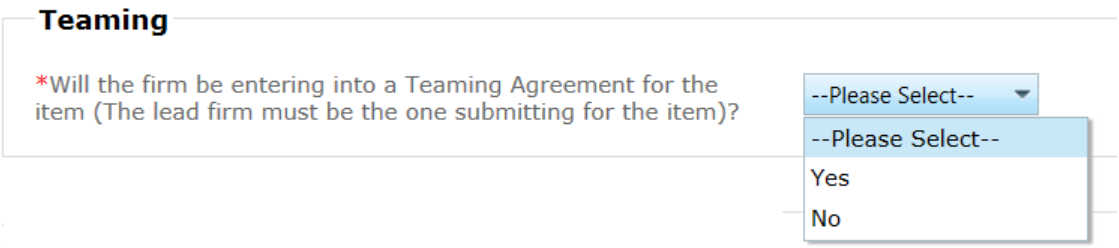
To avoid delays and expedite the agreement process it is critical to use the latest forms. Go to the IDOT website and use the latest form for updating the firms Payroll Rates. **Do Not use existing forms**. Use the latest forms on the website under Resources: Design and Environment

Additional Information for the Cost Estimates and Consultant Services is available on the website, under Compliance & Administration



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.



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]

Construction | Engineering

Engineering

The Engineering Mentor-Protégé Program was created in 2009 at the Illinois Department of Transportation. Please select from the following topic below to view more information.

- Learn More
- How to Get Started
- Forms

This section provides necessary forms/templates your firm will need to access/complete throughout the duration of the agreement.

Submitting a Plan

- Plan approval letter template
- Phase I Mentor Protégé Example Template
- Phase II Mentor Protégé Example Template
- Phase III Mentor Protégé Example Template

Compliance

- Mentor-Protégé Compliance Check Sheet

Reporting

- Quarterly Report
- Final Report

Required Assessments

- Mentor Assessment

NOTICE

2-26-13

This requirement is NOT a criteria for Selection.

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

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

For the listing of prevailing wage classifications within a county, go to The Illinois Department of Labor.

SB 51 Rules

Impacts

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

SB 51 Communications Reporting Aftermath

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

SB 51 Communications Report Relief

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

New Rules

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

- **Discussions are limited to:**
  - Firm/vendor personnel
  - Firm/vendor past experience
  - Work done for local agencies, other state agencies or other states
  - Technology
  - Goods or Services performed by firm/vendor

- **NO PROCUREMENT DISCUSSION – PERIOD**
  - If procurement discussions occur, we take firm/vendors notes, add ours as necessary and post them on the internet.
  - If procurement discussions occur, firm/vendor may be barred from meeting with anyone from IDOT for a year.

Notice
For

Department Manuals, Memorandums, & Rules

The following is available on our website under the Resources Link

Aeronautics Part 14 Aviation Safety Rules
Aeronautics Part 16 Airport Hazard Zoning Rules
All Bridge Designer Memoranda
Bureau of Bridges and Structures Documents, Manuals and Procedures
Bureau of Construction Current Construction Memorandums Bureau of Design and Environment Manuals & Memorandums Bureau of Land Acquisition Policies and Procedures Manual Updates
Coded Pay Items
CREATE Manuals
Land Acquisition Manual
Bureau of Local Roads Circular Letters
Bureau of Local Roads Manual
Bureau of Safety Engineering Programs, Policies & Manuals
Construction Manual
Geotechnical Documents Manuals and Procedures
Government Electronic Records Act
IDOT Drainage Manual
Illinois Highway Info System Roadway Info & Procedure Manual
Illinois Highway Info System Structure Info & Procedure Manual
Illinois Highway Info System Railroad Info & Procedure Manual
Illinois Traffic Monitoring Program
Manual on Uniform Traffic Control Devices Oversize/Overweight Permit Policy Manual Project Procedures Guide
Quality Standard for Work Zone Traffic Control Devices

To order go to Manual Sales

NOTICE
DBE FIRMS AND PROJECT GOALS

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

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

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

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

“Special Notice Regarding Disadvantaged Business Enterprises”

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

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

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

1. Notification to the prime consultant that the Agreement will not be signed until the percentage of DBE participation is met.

2. The Agreement will be signed with the understanding that payments to the prime consultant will be reduced by an amount determined by multiplying the total Agreement fee by the designated percent and subtracting the dollar value of DBE subcontracts.

3. Contract negotiations will be terminated.

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

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

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

Following selection, all proposal packages submitted to the Illinois Department of Transportation (IDOT) must contain the firm's IDHR number and the expiration date. The Department is required by law to require this number from all parties contracting with the State of Illinois. If your firm currently does not have an IDHR number the application form may be obtained from the IDHR web site link: **IDHR**. Information may also be obtained by contacting: DHR, Public Contracts Section Public Contracts Division100 W. Randolph, Suite 10-100Chicago, IL 60601or 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.