

Professional Transportation Bulletin

PTB 193

August 01, 2019
Revised August 06, 2019

Statements of Interest are due before 12:00 p.m.
on August 22, 2019
Selection Date: October 16, 2019



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

IMPORTANT NOTICE PROFESSIONAL TRANSPORTATION BULLETIN REVISIONS

Selection Date: October 16, 2019

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

REVISION DATE: Tuesday, August 06, 2019.

Item 2: **Job No. P-91-001-20, Various Phase I Studies, Various Routes, Various Counties, Region One/District One.**

Exhibit B reference was removed. The line now reads: "Key personnel listed on **Exhibit A** for this project must include:"

Item 40: **Job No. P-20-004-20, Program Manager for Chicago Region Environmental & Transportation Efficiency (CREATE) Program, Office of Intermodal Project Implementation (OIP), Bureau of Rail.**

The estimated engineering fee was increased from \$10,000,000 to \$13,000,000.

**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 194	PTB 195	PTB 196	PTB 197	PTB 198	PTB 199
PUBLISH PTB	11-07-19	02-06-20	05-07-20	08-06-20	11-05-20	02-04-21
***STATEMENTS OF INTEREST ARE DUE	12-05-19	02-27-20	05-28-20	08-27-20	12-03-20	02-25-21
SELECTION MEETING	01-29-20	04-22-20	07-22-20	10-21-20	01-27-21	04-21-21

***** STATEMENTS OF INTEREST FOR THE CURRENT PTB MUST BE RECEIVED BETWEEN, Publish Date 08-01-19 & 08-22-19 (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](#)



Link for negotiation information

Bulletin

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

- [PTB 172](#)

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

▶ Tentative PTB Schedule

Region 1

Anthony Quigley

- **District 1**
 - Items 1 - 19

Region 2

Masood Ahmad

- **District 2**
 - Item 20
- **District 3**
 - Items 21 - 22

Region 3

Kensil Garnett

- **District 4**
 - Items 23 - 24
- **District 5**
 - Items 25 - 26

Region 4

Jeffrey Myers

- **District 6**
 - Item 27

Region 5

Keith Roberts (acting)

- **District 8**
 - Items 28 - 29
- **District 9**
 - Items 30 - 33

Bureau of Bridges and Structures

Carl Puzey

- Items 34 - 36

Bureau of Land Acquisitions

Laura Mlacnik

- Item 37

Bureau of Operations

Amy Eller

- Items 38 - 39

Bureau of Rail

John Oimoen

- Items 40 - 43

Office of Planning & Programming

Traci Sisk

- Items 44 - 46

Introduction

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

PROFESSIONAL TRANSPORTATION BULLETIN #193
Publish August 1, 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, August 22, 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.

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Item	County	Description
Region 1/District 1		
1.	Various	Job No. D-91-194-19, Various Overhead Sign Structures Inspections, High Mast Light Tower Inspections, and Design Projects
2.	Various	Job No. P-91-001-20, Various Phase I Studies
3.	Various	Job No. P-91-070-19, Various Environmental Studies/Projects
4.	Various	Job No. P-91-068-19, Various Surveying Projects
5.	Various	Job No. P-91-067-19, Various Surveying Projects
6.	Various	Job No. D-91-226-20, Various Phase II Engineering Projects
7.	Various	Job No. V-91-005-19, Various Phase III Construction Inspection Projects
8.	Lake	Job No. D-91-191-19, Illinois Route 137(IL 137/Sheridan Road) over Bull Creek, Phase II Engineering Services
9.	Cook	Job No. C-91-410-19, I-90 at I-290/Congress Parkway Jane Byrne Interchange – Jackson Boulevard Advanced Work, Phase III Engineering Services
10.	Various	Job No. P-91-071-19, Districtwide Surveys, (The National Pollution Discharge Elimination System (NPDES) Compliance)
11.	Cook	Job No. C-91-137-16, I-290 Eisenhower Expressway at Des Plaines River, Phase III Engineering Services
12.	Various	Job No. P-91-066-19, Various Surveying Projects
13.	Various	Job No. V-91-006-19, Various Phase III Construction Inspection Projects
14.	Various	Job No. P-91-072-19, Various Phase I Engineering Services
15.	Various	Job No. D-91-192-19, Various Traffic Signal Coordination and Timing (SCAT) Projects
16.	Various	Job No. D-91-227-20, Various Phase II Projects and Value Engineering
17.	Various	Job No. D-91-193-19, Phase II Various Projects
18.	Various	Job No. D-91-195-19, Various Phase II Land Surveying Projects
19.	Various	Job No. D-91-196-19, Various Phase II Land Surveying Projects
Region 2/District 2		
20.	Winnebago	Job No. D-92-064-19, I-39 from North of Blackhawk Rd to I-90, US 20 from I-39 to East of Kishwaukee River and Harrison Ave. from Bell School Rd to I-39

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22.	LaSalle	Job No. C-93-094-19, I-80 from LaSalle Rd to Little Vermilion River
Region 3/District 4		
23.	Marshall	Job No. P-94-002-20 and D-94-040-19, FAP 649 (IL 17), Structure over the Illinois River in Lacon
24.	Various	Job No. P-94-001-20, Various Phase I/II Engineering Projects
Region 3/District 5		
25.	Various	Job No. P-95-014-19, Phase I/II Various Projects
26.	Vermilion	Job No. P-95-017-13, Major Interstate Reconstruction, FAI-74 from US 150 W. of Danville to Vermilion River in Danville
Region 4/District 6		
27.	Various	Job No. D-96-053-19, Various Phase I/II Projects
Region 5/District 8		
28.	Various	Job No. D-98-001-20, Phase I and/or II work for Various Projects
29.	Various	Job No. P-98-005-20, Phase I/II Various Projects
Region 5/District 9		
30.	Various	Job No. P-99-001-20, Various Phase I/II Engineering Projects
31.	Various	Job No. RM-99-001-19, Various Surveying Projects
32.	Various	Job No. D-99-059-19, Phase I/II Work for Various Projects
33.	Various	Job No. P- 99-002-20, Phase I/II Work for Various Projects
Bureau of Bridges and Structures		
34.	Various	Job No. BI-37-005-20, Engineering Services for the Underwater Diving Investigation of Bridges
35.	Various	Job No. BI-37-004-20, Engineering Services for Painting Inspection of Various Structures Statewide
36.	Various	Job No. BI-37-006-20, Various Engineering Services for Structure Projects

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Item	County	Description
Bureau of Land Acquisition		
37.	Various	Job No. R-55-001-93, Various Statewide Asbestos Surveys
Bureau of Operations		
38.	Various	Job No. S-60-003-20, Development of a Statewide Critical Infrastructure Protection Plan (SCIPP)
39.	Various	Job No. D-60-005-20, Various Projects for Traffic Operations, Infrastructure Security and Roadway Maintenance
Bureau of Rail		
40.	Various	Job No. P-20-004-20, Program Manager for Chicago Region Environmental & Transportation Efficiency (CREATE) Program
41.	Various	Job. No. P-20-003-20, Environmental Services for the Chicago Region Environmental & Transportation Efficiency (CREATE) Program
42.	Various	Job No. P-20-001-20, Statewide Program Manager Various Passenger Rail Projects in Illinois
43.	Various	Job No. P-20-002-20 Program Manager Chicago to Rockford Intercity Passenger Rail Expansion Project
Office of Planning and Programming		
44.	Various	Job No. HPR-66-029-20, Field Collection of Traffic Data on Various Routes, Various Counties in District Two, District Four and District Five
45.	Various	Job No. HPR-66-029-20, Field Collection of Traffic Data on Various Routes, Various Counties in District One and District Three
46.	Various	Job No. HPR-66-029-20, Field Collection of Traffic Data on Various Routes, Various Counties in District Six, District Seven, District Eight and District Nine

1. **Job No. D-91-194-19, Various Overhead Sign Structures Inspections, High Mast Light Tower Inspections, and Design Projects, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 29, 2019 at 1:00 PM** in the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for the inspection of overhead sign structures, the inspection of high mast light towers, collection of associated data, and development of reports at selected locations by the department. Work shall be done in accordance with the Sign Structure Inspection Manual, the Manual on Uniform Traffic Control Devices, Guidelines on the Inspection and Maintenance of Ancillary Highway Structures (FHWA NHI 05-036), and any department policy or procedures governing the work. Work may include design and/or retrofit of overhead sign structures and high mast light towers. Work-orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Except when otherwise permitted by the department, overhead sign structures shall be inspected by mounting them from the shoulder. This will require shoulder closures in accordance with Highway Standards 701101 and 701106, District Detail TC-17, and as directed by the department. Freeway lane closures for overhead sign structure inspection shall be kept to a minimum and will only be permitted by the department on a case by case basis where roadway geometry, traffic and other conditions dictate. Shoulder closures and partial ramp closures will not be permitted on weekdays (Monday thru Friday) from 5:00 a.m. to 9:00 a.m. and from 3:00 p.m. and 7:00 p.m. Lane closures along District 1 Interstates/Freeways are normally not permitted during the day. Exact allowable lane closures hours, if needed, will be determined by the Expressway Traffic Operations Engineer.

The inspector should have basic knowledge of sign truss nomenclature, experience in structural inspection, and be able to read and interpret shop drawings, be physically able to work at heights, operate an automatic camera and specialized testing equipment. The Consultant should have a licensed Structural Engineer who has an expertise in welding and weld details on sign structures and high mast light towers and can make recommendations for structural repairs.

Overhead Sign Structures and High Mast Light Towers Phase 1 - Data Collection is expected to consist of performing a detailed structural inspection of all components of an overhead sign structure.

The department will typically provide:

- List of overhead sign structures and high mast light towers to be inspected complete with structure inventory number and location.
- List of overhead sign structures and high mast light towers to be design/modified complete with structure inventory number and location.
- List of District contacts.
- Sample copy of inspection reports, if needed.
- Copy of the Illinois Highway Design Standards for Traffic Control, if needed.

The Consultant work is expected to consist of:

- Proposed inspection schedule.
- Progress report effective the 1st of the month, submitted by the 10th with written narratives to discuss work completed the past month and work expected the following month.
- Manpower, equipment, vehicles, and materials to complete the detailed inspections and necessary nondestructive testing.
- The appropriate traffic control for each structure to be inspected.
- Computerized database, compatibly with the department's computer programs, for each structure inspected.
- Photographs of typical deteriorated overhead sign structure components.
- Draft copy of a completed overhead sign structure inspection report.
- The necessary equipment to spot check the wall thickness of suspected deteriorated supports.
- Structural analysis by a Structural Engineer and all final reports to be stamped with his/her license.

Overhead Sign Structures and High Mast Light Towers Phase 2- Data analysis is expected to consist of using the data collected for each overhead sign structure inspected. The Consultant is required to complete the inspection report form, rating all components of the overhead sign structure, and evaluate the overall condition of the structures. The Consultant is required to provide a comprehensive report using the data collected in the inspections. The report shall include a narrative of all recommended repairs to each structure, and a prioritization of the repairs. Two (2) copies of the report, in hard copy and PDF in electronic media on a CD or Flash drive, shall be submitted to the District. All data collected and used in the analysis of the overhead sign structures, high mast light towers, and a copy of the computer database developed will be given to the department.

The Consultants Statement of Interest will be rated based on:

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

The 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 the **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 the inspection of the structure and structural plan preparation documents (must be an Illinois Licensed Professional Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

Statement of Interests should include sample reports and work prepared by the Consultant on projects relating to sign structure and high mast light tower inspections. The Statement of Interests should also include NHI/FHWA "Inspection and Maintenance of Ancillary Highway Structures" coursework completed by key personnel as well as documented experience in structural inspections.

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

2. **Job No. P-91-001-20, Various Phase I Studies, 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 **0.035**.

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 **October 22, 2019 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 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 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 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** 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 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 Structures (Highway: Advanced Typical) prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of drainage calculations and preparation of the Drainage Report (must be an Illinois Licensed Professional Engineer). The Special Studies (Location Drainage) prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person(s) who will be in charge of hydraulic reports (must be an Illinois Licensed Professional Engineer). 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 (Surveys) 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:

Location/Design Studies (Rehabilitation)

Structures (Highway: Typical)

Hydraulic Reports (Waterways: Typical)

Special Studies (Traffic Studies)

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

3. **Job No. P-91-070-19, Various Environmental Studies/Projects, Various Routes, Various Counties, Region One/District One.**

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

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

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 **October 22, 2019** at **10:30 AM** at the Region One, District One Office in **Schaumburg**.

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 work may include engineering services for the preparation of wetland delineations, tree surveys, noise analyses and noise analysis reviews, Special Waste coordination, as well as other special environmental services for various roadway projects to enable the department to proceed with Phase I studies and prepare contract plans. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

The department will furnish the Consultant with any relevant and available information including project location exhibits and any available field data that can be used for the project(s).

The Consultant's work includes, but is not limited to, wetland delineations and/or tree surveys for various projects at various locations throughout Region One/District One. The wetland surveys will consist of a wetland assessment, including aerial photograph delineations. The wetlands shall be delineated in electronic format, which shall be provided to the department upon submittal of the completed report. All data collected electronically or plotted, must comply with IDOT CADD standards. The tree surveys will require the Consultant to visit the project location to identify the station and offset of all trees as well as provide information about the trees including, but not limited to, type, health, structure, and percentage of exfoliating bark. Noise analyses may need to be performed by this Consultant for specific situations as well as noise analysis reviews for noise investigations performed by others.

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	20
Proposed staffing from Prime and any Subconsultants	20
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	20

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

The Consultant having an office within the six-county area covered by IDOT District One, Region One is desirable.

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
- One or more personnel trained and experienced in wetland biology/ecology with a degree in a related science. Training in Habitat Evaluation Procedure (HEP) is also desirable.
- One or more personnel trained and experienced in hydrology (especially wetland hydrology) with a degree in a related field.
- One or more personnel trained and experienced in geology and/or soil science (particularly hydric soils and ground water) with a degree in a related field.
- One or more personnel trained and experienced in forestry (an Urban Forrester certified by the Illinois Arborist Association is desirable).
- One or more personnel familiar with the Forest Preserve District's within the IDOT District One and McHenry County Conservation District's tree assessment requirements is also desirable.
- One or more personnel trained and experienced in highway noise investigation and familiar with the Highway Traffic Noise Assessment Manual as well as Illinois State and Federal Highway Administration noise policies and procedures.

Prima Fascia evidence of expertise and experience would include copies of documents from the U.S. Army Corps of Engineers (preferably the Chicago District) and/or the Illinois Department of Natural Resources indicating that wetland delineations performed by the firm were approved and/or accepted by those agencies.

The prime firm must be prequalified in the **Environmental Reports (Environmental Assessment)** category to be considered for this project.

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

4. **Job No. P-91-068-19, Various Surveying 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 selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 18, 2019 at 11:00 AM** at the Region One/District One Office in **Schaumburg**.

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

The department will furnish the Consultant with alignment data, existing right-of-way plats, Sidwell maps, benchmarks and coordinates available for the projects, along with any archived survey notes as each work order is negotiated.

The Consultant's scope of work requires field and office resources to prepare surveys of various roadway projects throughout the District. This includes, but is not limited to, route surveys, topographic surveys, cross-sections, profile, existing and proposed centerline alignments, drainage inverts, locating existing right-of-way monument, plotting of field information, mapping projects, and any other tasks deemed necessary to complete the work in accordance with the department's Survey Manual and District One procedures. All survey information will be acceptable for design purposes and formatted per IDOT specifications. All data collected electronically or plotted will comply with IDOT CADD standards and use standard IDOT Survey Point Codes. Some GIS and database work might also be required. The Consultant must also have a QA/QC plan to review internal work as well as assigned IDOT projects.

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

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

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

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

- The person who will perform the QA/QC review work of all 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).

5. **Job No. P-91-067-19, Various Surveying 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 selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 18, 2019 at 10:30 AM** at the Region One/District One Office in **Schaumburg**.

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

The department will furnish the Consultant with alignment data, existing right-of-way plats, Sidwell maps, benchmarks and coordinates available for the projects, along with any archived survey notes as each work order is negotiated.

The Consultant's scope of work requires field and office resources to prepare surveys of various roadway projects throughout the District. This includes, but is not limited to, route surveys, topographic surveys, cross-sections, profile, existing and proposed centerline alignments, drainage inverts, locating existing right-of-way monument, plotting of field information, mapping projects, and any other tasks deemed necessary to complete the work in accordance with the department's Survey Manual and District One procedures. All survey information will be acceptable for design purposes and formatted per IDOT specifications. All data collected electronically or plotted will comply with IDOT CADD standards and use standard IDOT Survey Point Codes. Some GIS and database work might also be required. The Consultant must also have a QA/QC plan to review internal work as well as assigned IDOT projects.

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

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

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

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

- The person who will perform the QA/QC review work of all 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).

6. **Job No. D-91-226-20, Various Phase II Engineering 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 **0.035**.

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 **October 21, 2019** at **1:30 PM** at the Region One/District One Office in **Schaumburg**.

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

Work orders may include the preparation of contract plans for various federally funded projects involving roadway, bridge improvements, drainage improvement plans, preparation of miscellaneous roadway plans and structure details (TS&L plans, structure plans), ADA ramp details, review of plans by consultants and local agency consultants for roadway and bridge reconstruction projects, obtaining pavement composition cores for resurfacing projects and geotechnical borings for structure designs, creation and/or maintenance of Phase II project websites for the District and providing supplemental field and bridge deck surveying for various projects.

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

The Consultants Statement of Interest will be rated based on:

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

The estimated construction cost of these projects may range from \$300,000 to \$3,000,000. The estimated engineering fee for this project is \$3,000,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed 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 the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

Highways (Roads & 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. V-91-005-19, 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 **October 25, 2019** at **11:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various construction projects throughout the District One area. Eight (8) to twelve (12) engineers and /or engineering technicians are anticipated to be required during the 2019, 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 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.

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.

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).

8. **Job No. D-91-191-19, Illinois Route 137(IL 137/Sheridan Road) over Bull Creek, Phase II Engineering Services, Lake County, Region One/District One.**

This project may contain **Federal Funds**.

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

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

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 **October 22, 2019 at 8:30 AM** at the Region One/District One Office in Schaumburg.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates including TSL, structure and roadway plans for the removal and replacement of the existing box culvert conveying Bull Creek under IL 137 (IL 137/Sheridan Road) in the Village of Beach Park, Lake County. The existing culvert to be removed consists of 8' wide x 10' high double cell box culvert. The replacement culvert is expected to be a triple cell 12' wide by 12' high concrete box culvert, 168' long and skewed 6 degrees to better align Bull Creek under IL 137. The pavement over the culvert will be replaced, and bicycle and pedestrian accommodations along IL 137 are also expected to be included in this project. The Consultant is anticipated to design the maintenance of traffic during construction which is likely to utilize detours during construction. The work may also include topographic survey, geotechnical services and all other incidental work required to complete the project.

The following structure is included in this project, S.N. 049-0214 (proposed S.N. 049-0700) (IL 137 over Bull 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	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 current estimated construction cost for this project is \$4,185,000. 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 perform/supervise the work in the area of drainage calculations and preparation of the drainage report/plans (must be an Illinois Licensed Professional Engineer).
- The person(s) who will be in charge of surveys (must be an Illinois Licensed Land Surveyor). The Special Services (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 lighting design and calculations (must be an Illinois Licensed Professional Engineer). The Lighting: Typical prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform/supervise the work in the area of Structural Geotechnical Report (must be 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 of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work with adequate plan review experience and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).

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

Highways – Roads and Streets

Structures – Highway: Simple

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

9. **Job No. C-91-410-19, I-90 at I-290/Congress Parkway Jane Byrne Interchange – Jackson Boulevard Advanced Work, 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 **October 24, 2019 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 – Jackson Boulevard Advanced Work. Work includes, but is not limited to, construction of a new concrete retaining wall (016-1827) on drilled shafts along the southbound direction of I-90/94 (Kennedy Expressway) extending from Van Buren Street to Jackson Blvd along the west side of the Expressway in addition to the advance partial demolition of the existing deck and piers of Jackson Blvd existing bridge over I-90/94 (except the abutments) for the future reconstruction of the new Jackson Blvd bridge (under a future separate contract) including the advance demolition of the entrance ramp to the Expressway. In addition, construction of drainage and new pavement near the Southbound I-90/94 ramp to westbound I-290 (Ramp SW), Southbound Taylor Street exit ramp and the southbound I-90/94 ramp to Inbound I-290 (Ida B. Wells Drive) - (Ramp SE), and all incidental and collateral work necessary to complete the improvement.

The following structures may be included:

- S.N. 016-1827 (New retaining wall)
- S.N. 016-0588 (Old existing Jackson Blvd bridge over I-90/94)

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 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 31, 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:

- 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).

10. **Job No. P-91-071-19, Districtwide Surveys, (The National Pollution Discharge Elimination System (NPDES) Compliance), Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2016 at 10:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase I engineering services are required to perform field surveys for various roadway projects to enable the department to proceed with Phase I studies and prepare contract plans. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-need basis. It is anticipated that this contract will include six or more projects.

The Consultant's work may include, but is not limited to, route and stream surveys, gathering topography, cross-sections, profile, existing and proposed centerline alignment, drainage inverts, right-of-way monuments, and land use determination, hydraulic and centerline plots, plotting of the field information collected, outfall mapping using high accuracy GPS data collector to import to ArcGIS, and possibly supplementing the District Survey staff for establishing control for mapping projects.

All survey information submitted must be acceptable for design purposes and prepared in English format per IDOT specifications. All data collected electronically must comply with IDOT CADD standards.

Timely completion of assignments in accordance with established schedules with few, if any needed corrections is of primary importance. Any required correction due to errors, omissions, or ambiguities on the Consultants' part will be promptly completed by the Consultant in a timely manner with no additional compensation. Quality of original submittals and timely submittals of any required correction will form the basis for the Consultants performance evaluation and their eligibility for future selections. The Consultant will be required to document each submittal has resulted from the requisite QC/QA review by the consultant prior to submittal to the department.

The Consultants Statement of Interest will be rated based on:

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

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

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

- The person who will assume the duties of Project manager for all aspects of the work documents (must be an Illinois Licensed Professional Land Surveyor).
- 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 Land Surveyor).
- The person who will assume the duties of the Survey Party Chief, the person who will coordinate all field work.
- The person who will perform the QA/QC 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).

11. **Job No. C-91-137-16, I-290 Eisenhower Expressway at Des Plaines River, 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 **October 24, 2019 at 8:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required for construction inspection for the improvement of I-90 Eisenhower Expressway at Des Plaines River.

Improvements shall consist of water main relocation, site civil work, removal of the existing IDOT Pump Station No. 4 superstructure, and the construction of a new pump station wet well and building south of the existing Pump Station No. 4. Work includes, but is not limited to, materials, transportation, labor, supervision, installation, testing, commissioning, demolition, hauling, material removal and disposal associated with the following:

1. Installation of ductile iron pipe water main. Removal and abandonment of existing water main.
2. Design, construction, monitoring, dewatering, excavation, backfilling, and partial demolition/removal of a Temporary Excavation Retention System (TERS).
3. Design, construction, and installation of the influent piping tie-in connections to the Existing Pump Station wet well.
4. Construction of a new wet pit storm water pumping station including architectural, structural, mechanical, electrical, instrumentation and process control components as identified in the Contract Documents. New Pump Station 4 includes sluice gates, mechanical screens, submersible pumps, bridge crane, heating ventilation and air conditioning (HVAC) equipment, and power distribution equipment.
5. Demolition and repurposing of the Existing Pumping Station into a grit collection chamber with new buried structural cap, electrical, lighting, and personnel access.
6. Site grading, erosion control, outfall box culverts, retaining walls, site drainage collection system, paving, fencing, and concrete barrier wall with impact attenuator and other miscellaneous site work components as identified in the Contract Documents.
7. Supply of new material, equipment, transportation, labor, installation, testing and commissioning, demolition and material removal as indicated in the Contract Documents.
8. Removal and disposal or salvage of equipment and electrical devices in the existing Pump Station 4 as indicated in the Contract Documents.
9. Abandonment of the existing 54-inch outfall sewer by filling with controlled low strength material (CLSM).
10. The new pump station will consist of, but is not limited to, dual electric services with metering and connection to the station, fiber optic connection to the station, motor control centers, electrical distribution equipment, control panels, equipment, level monitoring system, lighting, instrumentation, interfacing, a new Supervisory Control and Data Acquisition (SCADA) System, and verification of SCADA signals at remote end, District 1, IDOT Traffic Systems Center (TSC), and Maintenance Contractor's facility, Aperture Employee Guardian and Intrusion System (AEGIS), gas detection, fire alarm, conduit, and wiring.

11. The Contractor shall operate and maintain the existing pump station until the new pump station is commissioned and online. The existing pump station output capacity shall be maintained at all times. The existing pump station shall be modified and repurposed as shown on the Drawings. Contractor shall coordinate with Department Electrical Maintenance staff and Utilities to determine which equipment is to be salvaged and hauled to the respective owner's storage facility.

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 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	15
Firms understanding/method of accomplishing project requirements	20
Project Specific Criteria: Knowledge and experience in permit procedures with the Army Corp of Engineers as well as knowledge and experience with Pump Station Construction	5

The anticipated construction completion date is September 1, 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:

- 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).

12. **Job No. P-91-066-19, Various Surveying 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 **October 18, 2019 at 10:00 AM** at the Region One/District One Office in **Schaumburg**.

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

The department will furnish the Consultant with alignment data, existing right-of-way plats, Sidwell maps, benchmarks and coordinates available for the projects, along with any archived survey notes as each work order is negotiated.

The Consultant's scope of work requires field and office resources to prepare surveys of various roadway projects throughout the District. This includes, but is not limited to, route surveys, topographic surveys, cross-sections, profile, existing and proposed centerline alignments, drainage inverts, locating existing right-of-way monument, plotting of field information, mapping projects, and any other tasks deemed necessary to complete the work in accordance with the Department's Survey Manual and District One procedures. All survey information will be acceptable for design purposes and formatted per IDOT specifications. All data collected electronically or plotted will comply with IDOT CADD standards and use standard IDOT Survey Point Codes. Some GIS and database work might also be required. The Consultant must also have a QA/QC plan to review internal work as well as assigned IDOT projects.

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

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

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

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

- The person who will perform the QA/QC review work of all 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).

13. Job No. V-91-006-19, 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 **October 24, 2019** at **10:30 AM** at the Region One/District One Office in **Schaumburg**.

Phase III engineering services are required to assist department resident engineers/technicians on various construction projects throughout the District One area. Eight (8) to twelve (12) engineers and /or engineering technicians are anticipated to be required during the 2019, 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 in the specific district 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).

14. **Job No. P-91-072-19, Various Phase I Engineering Services, Various Routes, Various Counties, Region One/District One.**

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 who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 16, 2019** 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 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 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 **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 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:

Highways- Roads and Streets

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).

15. **Job No. D-91-192-19, Various Traffic Signal Coordination and Timing (SCAT) Projects, Various Routes, Various Counties, Region One/District One.**

This project requires **4% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants of the prime Consultant will be using are scheduled to attend an initial meeting on **October 23, 2019** at **9:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for developing traffic signal coordination and timing for various systems located in District One and monitoring of closed-loop traffic signal systems. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

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

- Monitoring - Responsible for the monitoring of all the existing systems and submitting weekly reports detailing problems and errors in the database and a report prepared twice a month for problems with system detector loops.
- Data Collection - Field collection of traffic counts, turning movements, signal phasing, signal timings, equipment inventory, and other data needed to quantify existing operating conditions and determine signal optimization alternatives.
- After a Work Order has been assigned, the Consultant shall have two (2) weeks to implement a functional interim Time-of-Day operation program.
- Data Analysis - Using Synchro computer model run the database for each of the selected locations. Recommendations for optimal signal operation plans will be generated utilizing the existing signal equipment and also equipment with minor recommended enhancements using the existing signal phasing and recommendations for improving signal phasing. Engineering judgment will be used to select the final plan to be recommended for implementation.
- Implementation - The approved Time-of-Day optimization plan will be placed in operation with any necessary fine-tuning adjustments. The Traffic Responsive Program shall then be implemented and fine-tuned.
- Evaluation - A study of the effectiveness of the optimization plan will be conducted. Benefits will be estimated in terms of travel delay reductions, fuel savings, and reduction of carbon monoxide emissions. Recommendations for further enhancements to the optimization plan and/or equipment modifications may be requested for locations where the operation is still unsatisfactory.
- Field observation of signal operations – Identify operational problems, suggest corrective action and provide response to the complaint.
- Assist the department in the evaluation of traffic signal operation objectives, needs and traffic demand to determine if other signal control technologies are appropriate. Perform other traffic signal tasks as assigned by the District's Traffic Signal Engineer.
- Perform other tasks as assigned by the department's Traffic Engineer.

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	10
Project Specific Criteria: Experience and knowledge in Controller and System Detector Performance Reporting	10

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work necessary to prepare traffic signal coordination and timing optimization plans.
- The person who has the necessary experience with traffic signal equipment and who will recommend equipment enhancements, implementation of the optimization plans, recommend any fine-tuning adjustments and will identify corrective action to address operational complaints.
- The person who conducts the evaluation of the optimization plans.
- The person(s) who is(are) responsible for establishing parameters for traffic adjusted operation of closed-loop signal systems, the methodology used in establishing traffic adjusted optimization, and a listing of prior traffic adjusted programs recently implemented by the individual(s). The individual(s) must demonstrate through current experience in District One optimization along with the ability to set-up a closed-loop traffic responsive system using both volume and occupancy settings. The individual(s) must demonstrate recent District One experience in the development of traffic signal coordination and timing, utilizing the District's standard traffic controllers: (Eagle/Siemens and Econolite) and applicable traffic management programs (Centracs, Tactics and TranSuite).
- The person who will perform QC/QA review work of all final and milestone submittal documents.

- The person(s) who is(are) responsible for managing, operating, and analyzing of traffic signal system monitoring software and providing weekly reports. Individual(s) must demonstrate recent District One experience in signal system monitoring.

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

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

Special Studies - Signal Coordination & Timing (SCAT)

Special Studies - Traffic Signals

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

16. **Job No. D-91-227-20, Various Phase II Projects and Value Engineering, 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 **0.035**.

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 **October 22, 2019** at **1:30 PM** at the Region One/District One Office in **Schaumburg**.

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

Work orders may include the preparation of contract plans for various federally funded projects involving roadway, bridge improvements, drainage improvement plans, preparation of miscellaneous roadway plans and structure details (TS&L plans, structure plans), ADA ramp details, review of plans by consultants and local agency consultants for roadway and bridge reconstruction projects, obtaining pavement composition cores for resurfacing projects and geotechnical borings for structure designs, providing supplemental field and bridge deck surveying for various federally funded projects.

Work orders for value engineering studies (VE) may include assignments to 5 to 10 various projects throughout the District for use primarily on Phase I and Phase II projects. The Consultant will assemble a multi-disciplined project VE Team of approximately 5-7 people. The VE team is to be led by certified value engineering specialist with experience in roadway and bridge design. The VE team will use brainstorming techniques to develop good alternatives to the proposed project design, generating a large and creative list of potential solutions to items identified in the Investigation and Analysis phases. The VE Team should be structured so there is appropriate expertise to evaluate the major problem areas anticipated within the project. In addition to the technical discipline such as design, construction, and environmental, the VE team must possess experience in construction cost estimating and cost-benefit analysis. The VE team must also have CADD micro-station capability to develop, analyze, and propose modifications within the VE time schedule. "Read-Only" CADD files in Micro-Station format will be made available to the VE team. The Consultant will be expected to develop the VE work plan for projects assigned by the department. The plan shall as a minimum include step, methodology, criteria, timing, and deliverables.

The department will furnish the Consultant with available microfilm, pavement patching survey, bridge repair notes and other available information for contract plan preparation. For value engineering studies, the department will furnish the Consultant with available roadway plans, microfilm of old plans, project reports, traffic data, soils reports, hydraulic reports, location drainage studies, bridge condition reports and other information as available. The VE team leader is to coordinate with the department on specific needs for the particular project.

The Consultants Statement of Interest will be rated based on:

Rating Description	Weighted %
Past performance in project categories	10
Proposed staffing from Prime and any Subconsultants	25
Proximity of firm to project location	2
Proposed DBE use	8
Available work capacity of firm	15
The Firms experience with required project work	20
Firms understanding/method of accomplishing project requirements	10
Project Specific Criteria: Value Engineering Experience	10

The estimated construction cost of projects for contract plan preparation may range from \$300,000 to \$3,000,000. The estimated construction cost of value engineering projects may range from \$20,000,000 to \$70,000,000. The estimated engineering fee for this project is \$1,500,000. The completion date for this contract will be 36 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of Project Engineer, that individual in charge who is directly involved in the development of the contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents (must be an Illinois Licensed 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 the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will perform the responsibilities of being the Value Engineering Team Leader. This person must be a Certified Value Engineering Specialist with adequate experience in leading multiple VE studies for highway improvement projects and must be a SAVE-recognized Certified Value Specialist. The value engineering certification may be completed by the Sub and/or Prime Consultant.
- The supporting VE team members in the following critical areas: highway design, highway planning (must be an Illinois Licensed Professional Engineer), environmental, structures, soils, hydraulic and traffic signal design.
- The supporting VE team member working in the structure critical area (must be an Illinois Licensed Structural Engineer).

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

Highways (Roads & Streets)

Structures (Highway: Typical)

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

17. **Job No. D-91-193-19, Phase II Various Projects, Various Routes, Various Counties, Region One/District One.**

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2019** at **10:00 AM** at the Region One/District One Office in **Schaumburg**.

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

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

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

The Consultants Statement of Interest will be rated based on:

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

The estimated construction cost of these projects may range from \$300,000 to \$3,000,000. The estimated engineering fee for this project is \$2,000,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

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

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

Structures (Highway: Typical)

Highways (Roads & 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).

18. **Job No. D-91-195-19, Various Phase II Land Surveying 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 **October 18, 2019** at **10:00 AM** at the Region One/District One Office in **Schaumburg**.

Phase II engineering services are required for various surveying projects throughout District 1. Work orders under this blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

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

The Consultants Statement of Interest will be rated based on:

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

The estimated engineering fee for this project is \$750,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

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

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

19. **Job No. D-91-196-19, Various Phase II Land Surveying 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 **October 18, 2019** at **1:00 PM** at the Region One/District One Office in **Schaumburg**.

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

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

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

The Consultants Statement of Interest will be rated based on:

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

The estimated engineering fee for this project is \$500,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

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

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

20. **Job No. D-92-064-19, I-39 from North of Blackhawk Rd to I-90, US 20 from I-39 to East of Kishwaukee River and Harrison Ave. from Bell School Rd to I-39, Winnebago County, Region Two/District Two.**

This project may contain **Federal Funds**.

This project requires **13% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend a negotiation meeting on **October 23, 2019 at 10:30 AM** at the Region Two/District Two Office in **Dixon**.

Phase II engineering services are required for the preparation of contract plans, specifications and estimates for the proposed reconstruction and additional lanes on I-39/US 20, the reconstruction of US 20/Harrison Ave. interchange from an existing clover-leaf to a diverging diamond configuration, roadway reconstruction and additional lanes on US 20/Harrison Ave. from Mill Rd to Mall Drive, the reconfiguration of I-39/US 20 system interchange involving realignment of the northbound and southbound ramps, and reconstruction of the bicycle accommodation under I-39 at Madigan Creek. This work may also include preparing the BCR for US 20/Kishwaukee River bridge, preparing multiple TSL drawings and structure plans for approximately 14 bridges, including 4 new structures, conducting a Noise Analysis and preparing an ITA (Incidental Taking Authorization).

This project is expected to include public involvement activities for public meetings, stakeholder/cooperating agency meetings and the preparation of exhibits for these meetings. 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 will need to include staff different than the staff working directly with this project.

An independent utility finding will be required to determine whether segments of the project can be constructed individually to serve as usable and reasonable transportation improvements. Preparation of a Transportation Management Plan (TMP), including a Queue & Delay Analysis and likely involving the preparation of Exception to Compliance documentation for approval by the Central Office may be required. This project is anticipated to be completed using PowerGeopak V8i Select Series 4 version 08.11.09.878 (or current IDOT CADD software) utilizing OpenRoads Technology for 3D modeling and shall be compatible with the IDOT Computer Aided Design, Drafting, Modeling and Deliverables Manual for preparation of roadway and structures plans.

Phase II may include the preparation of detailed contract plans and all associated material, TSL drawings, structure plans, roadway plans, typical sections, hydraulic reports, storm sewer, drainage & utility plans, erosion control plans, traffic staging plans, signing plans, pavement marking plans, cross sections, lighting plans, traffic signal plans, special details, special provisions; quantities, cost estimates, estimate of time, Traffic Management Plan (TMP), PESA Response submittal, geotechnical engineering services, SGRs and all other incidental work required to complete the project. Multiple sets of such plans may be required as a result of the

independent utility findings. Coordination with railroad and other agencies is anticipated with this project.

The following structures may be included:

- S.N. 101-0204: I-39 NB (Ramp DA) over I-39 SB - New Bridge
- S.N. 101-0131 (Ex.), S.N. 101-0207 (Prop.): Mulford Rd over I-39 and US 20
- S.N. 101-0067/-0068 (Ex.), S.N. 101-0208/-0209 (Prop.): US 20 over CN Railroad
- S.N. 101-0069/-0070 (Ex.), S.N. 101-0210/-0211 (Prop.): I-39/US 20 over U P Railroad
- S.N. 101-0212: NB I-39 (Ramp DB) over Linden Rd. - New Bridge
- S.N. 101-0071/-0072 (Ex.), S.N. 101-0213/-0214 (Prop.): I-39/US 20 over Harrison Ave.
- S.N. 101-0215: I-39 SB (Ramp BD) over US 20 - New Bridge
- S.N. 101-0216: Linden Rd. over I-39 SB (Ramp BD) - New Bridge
- S.N. 101-2025 (Ex.), S.N. 101-2053 (Prop.): I-39 over Madigan Creek
- S.N. 101-0073/-0074: US 20 over Kishwaukee River

Please note, S.N. 101-0098 (Ex.) S.N. 101-0206 (Prop.): Perryville over I-39/US 20 (NOT INCLUDED - This structure is being completed as a separate project).

The department will furnish the Consultant with any available as-built/existing plans, any approved hydraulic reports, approved TSL's, approved combined design report, inspection reports, soil boring data and any other available information. The department will also furnish the Consultant with alignment data, title reports, and proposed right-of-way information.

The Consultant may prepare roadway and structural plans, supplemental surveys and all other necessary related work required to complete Phase II contract plans. The Consultant will ensure 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 \$177,900,000. The completion date for this contract will be 36 months after authorization to proceed.

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

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

- The person 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 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 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 and bridges (must be an Illinois Licensed Professional Engineer).
- The person who will lead the Value Engineering study must be an Illinois Licensed Professional Engineer and carry the designation of a certified Value Engineer specialist.
- 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, traffic noise, community impacts and ecology. Environmental staffing on Exhibit B must match the staffing presented and approved in the firm's most recent Statement of Experience and Financial Condition.
- 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:

Structures (Highway: Complex)

Hydraulic Reports (Waterway: Typical)

Highways (Freeways)

Environmental Reports: Environmental Assessment (EA)

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 may be asked to make oral presentations during the week of October 14, 2019.

21. **Job No. C-93-049-19, I-180 over the Illinois River, Phase III Project, Bureau and Putnam Counties, Region Two/District Three.**

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 selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2019** at **1:30 PM** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for the bridge deck replacement of the I-180 structure crossing the Illinois River near Hennepin. Work also includes painting of the structural steel.

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

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

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

The following structure is included in this project, S.N. 078-0001 (I-180 over Illinois River).

The department will furnish the Consultant with Plans and Specifications.

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	30
Proximity of firm to project location	5
Proposed DBE use	5
Firms experience with required project	20
Firms understanding/method of accomplishing project requirements	10

The anticipated construction completion date is December 1, 2021. The Consultant must complete and submit final measurements, calculations and final contract record documents to the department no later than six (6) weeks after completion of this project.

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

- The Assistant Resident Engineer (minimum 10 years experience as a Resident Engineer is desired). A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of bridge construction, structural steel cleaning and painting, and Portland Cement Concrete (PCC) are required.
- The Inspectors. (1 to 3 individuals to perform on-site inspection, survey and QA inspection.) A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of bridge construction, structural steel cleaning and painting, and Portland Cement Concrete (PCC) are required.

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

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

22. Job No. C-93-094-19, I-80 from LaSalle Rd to Little Vermilion River, Phase III Project, LaSalle County, Region Two/District Three.

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 selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2019 at 10:00 AM** at the Region Two/District Three Office in **Ottawa**.

Phase III engineering services are required for the superstructure and pier cap replacements of the I-80 dual structures crossing the Little Vermilion River, superstructure replacements of the I-80 dual structures over East 3rd Road and latex overlays of dual structures carrying I-80 over LaSalle Road all located around the proximity of LaSalle-Peru. Work also includes modifications and upgrades to the IL 351 interchange lighting.

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

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

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

The following structures are included in this project:

- S.N. 050-0220 & 050-0221: I-80 over Little Vermilion River, Superstructure replacement
- S.N. 050-0228 & 050-0229: I-80 over LaSalle Road, Deck overlay and Bridge Repairs
- S.N. 050-0003 & 050-0004: I-80 over E 3RD Road 1.1 mile east of IL 251, Superstructure replacement

The department will furnish the Consultant with Plans and Specifications.

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	30
Proximity of firm to project location	5
Proposed DBE Use	5
Firms experience with required project	20
Firms understanding/method of accomplishing project requirements	10

The anticipated construction completion date is December 1, 2021. The Consultant must complete and submit final measurements, calculations and final contract record documents to the department no later than six (6) weeks after completion of this project.

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

- The Assistant Resident Engineer (minimum 10 years experience as a Resident Engineer is desired). A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of bridge construction, Hot Mix Asphalt, and Portland Cement Concrete (PCC) are required.
- The Inspectors. (1 to 3 individuals to perform on-site inspection, survey and QA inspection.) A current IDOT Construction Documentation certification and experience and a workable knowledge in the area of bridge construction, Hot Mix Asphalt (HMA), and Portland Cement Concrete (PCC) are required.

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

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

23. **Job No. P-94-002-20 and D-94-040-19, FAP 649 (IL 17), Structure over the Illinois River in Lacon, Phase I/II Project, Marshall County, Region Three/District Four.**

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 sub-consultants the prime Consultant will be using is scheduled to attend an initial meeting on **October 22, 2019 at 10:00 AM** at the Region Three/District Four Office in **Peoria**.

Phase I and II engineering services are required for the preparation of a Project Report (anticipated to be a Categorical Exclusion) and contract plans, specifications, and estimates for the rehabilitation of Structure No. 062-0003, carrying IL 17 over the Illinois River at Lacon in Marshall County.

Work will include inspection of the existing structure, preparing a Bridge Condition Report, Phase I Report and preparing repair plans, specifications and estimates for structure rehabilitation. Additional work may include data collection, preparing traffic management analysis, accident analysis, staging plans, topographic survey, preparing roadway approach plans, traffic control plans, and any additional work necessary to complete the Phase I study and Phase II final contract plans and documents.

The department will furnish the Consultant with available plans, field notes, survey books, traffic data, accident information, existing right-of-way plans, existing structure ratings and inspections, existing Bridge Condition Reports, agency coordination and any other available information.

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

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 for this project is \$8,000,000 and is scheduled for FY 2022. The Phase I and II work for this contract must be completed within 30 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 contract documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of structure plan preparation (must be an Illinois Licensed Structural Engineer). This project will involve a bridge with a deck truss, the Structural Engineer must have experience in designing plans for truss repairs. This person must document their experience with trusses in the Statement of Interest. 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 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)

Special Services (Surveying)

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).

24. Job No. P-94-001-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Three/District Four.

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

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

The Consultant who is selected for this project and all sub-consultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 23, 2019** at **1:30 PM** at the Region Three/District Four Office in **Peoria**.

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

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

The department will furnish the Consultant with any available as-built plans, field notes and survey books, traffic data, accident 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, Soil Reports, and other information available.

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

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

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

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will assume the duties of Project Engineer, that individual-in-charge of the day-to-day program management work (must be an Illinois Licensed Professional Engineer).
- The person who will perform/supervise the work in the area of hydraulic analysis (must be an Illinois Licensed Professional Engineer). Hydraulic Reports: 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 the Geotechnical Structure Report (must be an Illinois Licensed Professional Engineer and/or an Illinois Licensed Structural Engineer). Geotechnical Services (Subsurface Exploration, General Geotechnical Services, and Structure Geotechnical Report) 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 structural engineering (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person who will perform the QC/QA review of all milestone submittal documents (must have adequate plan review experience and be an Illinois Licensed Professional Engineer for roadway work and/or an Illinois Licensed Structural Engineer for structural work).
- The person who will be in-charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The Special Services (Surveying) prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will be in-charge of land acquisition documents (must be an Illinois Licensed Professional Land Surveyor).

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

Highways (Roads and Streets)

Structures (Highways: 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 & Environment through the Engineering and Prequalification Agreement System (EPAS).

25. Job No. P-95-014-19, Phase I/II Various Projects, Various Routes, Various Counties, Region Three/District Five.

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 23, 2019 at 10:30 AM** at the Region 3/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.

Phase I 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.

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, 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 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	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 4 to 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 \$750,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

26. **Job No. P-95-017-13, Major Interstate Reconstruction, FAI-74 from US 150 W. of Danville to Vermilion River in Danville, Vermilion County, Region Three/District Five.**

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 23, 2019 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 reconstruction and resurfacing of FAI 74 (I-74) from US 150 W. of Danville to the Vermilion River. Anticipated improvements include interstate reconstruction and subgrade improvements for approximately one-mile, drainage improvements, interstate resurfacing, and repairs to the structures below.

The following structures are included in this project:

- S.N. 092-0008: I-74 (EB) over N&S RR & FAU 7026 (L Street) - Bridge Deck Repair
- S.N. 092-0009: I-74 (WB) over N&S RR & FAU 7026 (L Street) - Bridge Deck Repair
- S.N. 092-0010: I-74 (EB) over FAU 7026 (G Street) – Bridge Deck Repair
- S.N. 092-0011: I-74 (WB) over FAU 7026 (G Street) – Bridge Deck Repair
- S.N. 092-0012: I-74 (WB) over CNRL & FR 1563 & 1611 - Bridge Deck Repair
- S.N. 092-0013: I-74 (EB) over CNRL & FR 1563 & 1611 – Bridge Deck Repair
- S.N. 092-0014: I-74 (WB) over Vermilion River – Bridge Deck Repair
- S.N. 092-0038: FAP 332 (IL 1/US 150) Over I-74 & C/D - Bridge Deck Repair
- S.N. 092-0099: FAU 7005 (Batestown Rd.) over I-74 - Bridge Deck Repair
- S.N. 092-0126: TR 250 (Mauk Lane) over I-74 - Bridge Deck Repair
- S.N. 092-0128: TR 300 (Leverich Rd.) over I-74 - Bridge Deck Repair
- S.N. 092-0129: FAU 7019 (Greenwood Cemetery Rd.) over I-74 - Bridge Deck Repair

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

Phase II work may consist of roadway plans and structure repair 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, 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 \$30,000,000. The project is tentatively set for a November 2021 Letting. The completion date for this contract will be 60 months after authorization to proceed. A planned Supplement for Phase II will be done near the completion of Phase I.

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

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

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

Location Studies – Rehabilitation

Structures (Highway: Typical)

Highways (Freeways)

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).

27. Job No. D-96-053-19, Various Phase I/II 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 selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **November 07, 2019**, 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, 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 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, 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 about 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 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.

The Consultants Statement of Interest will be rated based on:

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

The estimated construction costs of these projects may range from \$100,000 to \$3,000,000. It is anticipated that this contract will include approximately 5 to 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 \$500,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person(s) who will perform the duties of Project Engineer who will be directly involved and responsible in the development of the reports and/or plans (must be an Illinois Licensed Professional Engineer).
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The Special Services (Surveying) prequalification category requirement 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).

28. **Job No. D-98-001-20, Phase I and/or II work for Various Projects, Various Counties, Region Five/District Eight.**

This project may contain **Federal Funds**.

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 30, 2019 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.

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

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

Rating description	Weight%
Past performance in project categories	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 \$500,000. 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 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)

Location/Design Studies (Reconstruction/Major 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).

29. Job No. P-98-005-20, Phase I/II Various Projects, Various Routes, Various Counties, Region Five/District Eight.

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 21, 2019** 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, geotechnical studies which include preparing Structure Geotechnical Reports, and preparing Project Reports (Categorical Exclusion projects only). This work may include data collection, cost estimates, traffic management analysis, crash analysis, development of alternative alignments, environmental studies and coordination, infrared testing of bridge decks and other related work and exhibits necessary to produce the Project Report, as necessary. This work could include amending or updating existing Project Reports.

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

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

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 weighted on:

Rating Description	Weight (%)
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 \$500,000. 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 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 (SGR) prequalification category(s) may be completed by the Prime and/or Sub.
- The person who will perform the QC/QA review work for all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience)
- The person in charge of CSS/Public Involvement procedures. Include a detailed description of CSS/Public Involvement work he/she has directed involving facilitation of community advisory group meetings; stakeholder meetings; public meetings and public hearings; organizing work groups and press conferences; drafting press releases and property owner contact letters; etc.

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 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 & 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).

30. Job No. P-99-001-20, Various Phase I/II Engineering Projects, Various Routes, Various Counties, Region Five, District Nine.

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 23, 2019** at **1:00 PM** in the Region Five/District Nine Office in **Carbondale**.

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

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

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

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

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 estimated engineering fee for this project is \$2,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

31. **Job No. RM-99-001-19, Various Surveying Projects, Various Routes, Various Counties, Region Five/District Nine.**

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2019** at **9:00 AM** at the Region Five/District Nine Office in **Carbondale**.

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

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

The Consultant Project Manager (PM) will supervise, manage and direct field crew and office personnel in the completion of survey work. The PM and their staff will be expected to perform work similar to an IDOT Chief of Surveys and/or Plats & Plans Supervisor. The PM and their staff will be expected to perform the work in the district offices. The PM will sign plats prepared under supervision, as well as, in-house time keeping records.

The Consultants Statement of Interest will be rated based on:

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

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

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

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

32. Job No. D-99-059-19, Phase I/II Work for Various Projects, Various Routes, Various Counties, Region Five/District Nine.

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 **October 23, 2019 at 10:00 AM** at the Region Five/District Nine office in **Carbondale**.

Phase I and/or II engineering services are required for the preparation of Phase I Project Reports, Bridge Condition Reports, Hydraulic Reports, TS&L's, Structure Geotechnical Reports, Location Drainage Studies and the preparation of preliminary and final contract plans for roadway projects and replacement, rehabilitation or repair of various structures within the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. This project is anticipated to be completed using PowerGeopak V8i Select Series 4 utilizing Corridor Modeling and shall be compatible with the IDOT Computer Aided Design, Drafting, Modeling, and Deliverables Manual for preparation of roadway and structure plans.

Phase I engineering services may include, but is not limited to, data collection, Bridge Condition Reports, Hydraulic Reports, Structure Reports, Structure Geotechnical Reports, type, size and location drawings, Location Drainage Studies, ground and hydraulic surveys, cost estimates, right of way information, environmental consequences and related work necessary to produce Project Reports for bridge or roadway projects.

Phase II work may include preparation of pre-final and final construction plans for bridge or roadway projects.

The department will furnish traffic data, accident statistics, existing right-of-way plans, foundation borings where required, available as-built construction plans, one benchmark at each existing structure and a staked centerline of existing roadway.

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

Rating Description	Weighted %
Past Performance in Project Categories	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 Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The estimated engineering fee for this project is \$3,000,000. The completion date for this contract will be 60 months after authorization to proceed.

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

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

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

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).

33. Job No. P- 99-002-20, Phase I/II Work for Various Projects, Various Routes, Various Counties, Region Five/District Nine.

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 **October 22, 2019** at **10:00 AM** at the Region Five/District Nine office in **Carbondale**.

Phase I and/or II engineering services are required for the preparation of Phase I Project Reports, Bridge Condition Reports, Hydraulic Reports, TS&L's, Structure Geotechnical Reports and the preparation of preliminary and final contract plans for roadway projects and replacement, rehabilitation or repair of various structures within the District. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. This project is anticipated to be completed using PowerGeopak V8i Select Series 4 utilizing Corridor Modeling and shall be compatible with the IDOT Computer Aided Design, Drafting, Modeling, and Deliverables Manual for preparation of roadway and structure plans.

Phase I engineering services may include, but is not limited to, data collection, Bridge Condition Reports, Hydraulic Reports, Structure Reports, Structure Geotechnical Reports, type, size and location drawings, ground and hydraulic surveys, cost estimates, right of way information, environmental consequences and related work necessary to produce Project Reports for bridge or roadway projects.

Phase II work may include preparation of pre-final and final construction plans for bridge or roadway projects.

The department will furnish traffic data, accident statistics, existing right-of-way plans, foundation borings where required, available as-built construction plans, one benchmark at each existing structure and a staked centerline of existing roadway.

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

Rating Description	Weighted %
Past Performance in Project Categories	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 Consultant's work may consist of either complete projects or a portion of the total engineering required for a certain project. The estimated engineering fee for this project is \$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 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). The Location Drainage and/or Hydraulics prequalification category requirement may be completed by the Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and must be an Illinois Licensed Structural Engineer for structural work with adequate plan review experience).
- The person who will be in charge of surveys (must be an Illinois Licensed Professional Land Surveyor). The Special Services (Surveying) prequalification category requirement may be completed by the Sub and/or Prime Consultant.

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

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).

34. Job No. BI-37-005-20, Engineering Services for the Underwater Diving Investigation of Bridges, Bureau of Bridges and Structures.

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 31, 2019** at **1:30 PM** at the Central Office, Bureau of Bridges and Structures in Springfield.

Underwater diving inspection services are required for investigating bridge substructure units and other structures in the water. 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 furnishing all labor, materials, and equipment necessary for:

- Visual and tactile inspection of 100 percent of underwater structures (level 1),
- Providing measurements of pitting and damage not to exceed 10 percent of each underwater structure,
- Providing measurements of scour, water depth around piers, and cross sections of the streambed, and
- Providing complete reports with topside photographs, diagrams and underwater photographs necessary to adequately describe conditions and deficiencies found.

The reports will include a scope of work, description of structure, method of investigation, existing site conditions, structure condition with elevations showing damage and streambed elevations, streambed probing information at each pier, streambed elevation grid 50' out from each pier, streambed cross sections at both fascia and at 100' upstream and downstream, NBIS underwater inspection rating and any other information requested by the Bureau of Bridges and Structures. The reports shall be signed and sealed by an Illinois Licensed Structural Engineer.

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

The estimated engineering fee for this project is \$450,000. 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:

- Person who will assume the duties of Project Manager for all aspects of the work: (must be an Illinois Licensed Structural Engineer and must be approved as an inspection Team Leader by the State Program Manager as required by the National Bridge Inspection Standards (NBIS), CFR23) and present at all diving inspections.

- The person who will perform the QA/QC work of all milestone submittal documents (must be an Illinois Licensed Structural Engineer and must be 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 must be approved as an inspection Team Leader by the State Program Manager as required by the National Bridge Inspection Standards (NBIS), CFR23).
- All staff performing each part of the job, including:
 - field work,
 - diving,
 - report writing

All resumes should include a brief description of previous projects completed by each staff member as well as the certifications and training.

Statements of Interest must include the following:

- Firm's experience with this type of work.
- Firm's technique for completion of this type of work.
- Firm's calculated burden and 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 and Prequalification Agreement System (EPAS). Firms interested in submitting for this item that are not currently prequalified must establish an account in EPAS so the firms can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an account in EPAS may be directed to the Preliminary Engineering mailbox in the Bureau of Design and Environment at dot.consultantservices@illinois.gov

35. **Job No. BI-37-004-20, Engineering Services for Painting Inspection of Various Structures Statewide, Bureau of Bridges and Structures.**

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

The Consultant who is selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 31, 2019** at **10:30 AM** at the Central Bureau of Bridges and Structures in **Springfield**.

Phase III engineering services are required for the supervision, inspection, and documentation of various painting contracts and other coatings related expertise statewide. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

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

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

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

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

The department will furnish the Consultant with site specific plans and specifications per project, the existing special provisions, the 2016 Standard Specifications for Road and Bridge Construction, the 2019 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.
- The use of a laboratory accredited by the American Industrial Hygiene Association (AIHA) for the analysis of metals for all worker exposure filter analyses including PM-10 and TSP-lead filters.
- A fully equipped analytical and physical testing laboratory to support technical and field personnel, as well as associated coatings and monitoring instrumentation necessary to support multiple field projects.

- Documented and acceptable quality control procedures.
- All the necessary equipment to provide or accomplish the above-mentioned tasks.

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

The estimated engineering fee for this project is \$1,800,000. The completion date for this contract will be 60 months after authorization to proceed.

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

- The person who will assume the duties of the Project Manager for all aspects of the work (must be an Illinois Licensed Professional Engineer).
- The person performing the duties of the Project Engineer (must be a National Association of Corrosion Engineers (NACE) Certified Coatings Inspector – Level 3).
- The person(s) performing the duties of the Resident Liaison Engineer/Technician(s) (must be a NACE Certified Coatings Inspector – Level 3).
- The Documentation Engineer/Technician. (The person actively performing the documentation on the project must possess a current IDOT Construction Documentation certificate. Include the Documentation Certificate Number for IDOT).

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 a Project Engineer and the name(s) of the NACE Certified Coatings Inspector(s) who will act as Resident Liaison Engineer/Technician(s). (Exhibit A)
- 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 described above.
- The firm’s quality assurance and quality control plan.
- Name and phone number of the contact person in your organization.
- Firms calculated burden & 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 and Prequalification Agreement System (EPAS). Firms interested in submitting for this item that are not currently prequalified must establish an account in EPAS so the firms can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an

account in EPAS may be directed to the Preliminary Engineering mailbox in the Bureau of Design and Environment at dot.consultantservices@illinois.gov.

36. **Job No. BI-37-006-20, Various Engineering Services for Structure Projects, Statewide, Bureau of Bridges and Structures.**

This project requires **13% DBE** participation, or if the contract goal is not met, documented evidence of good faith efforts.

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

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 **October 29, 2019 at 10:30 AM** at the Central Bureau of Bridges and Structures in **Springfield**.

Various structural engineering services are required by the Bureau of Bridges and Structures. Projects may include plan preparation and plan review for the repair, rehabilitation, or replacement of structures, drafting services, policy investigation, and development, NBIS and Element Level Inspections and Load Rating Inspections, load capacity ratings of new and/or existing structures, field investigations, structural studies, and possible training. The Consultant may be required to provide the appropriate bridge inspection equipment to complete inspections and field investigations. The Consultant may also be required to provide the appropriate traffic control. 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 Consultant may be required to act as a Project Manager (PM) for various engineering services. The Consultant may be assigned to manage the review and preparation of various IDOT phase II projects. The Consultant will be expected to perform work similar to an IDOT Project Manager & staff, and report to a Bureau of Bridges and Structures Group Leader, Unit Chief, or Section Chief. The work may include engineering, management, public coordination, administrative services, and other work as necessary to ensure assigned projects are brought to completion in accordance with established schedules.

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

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 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:

- 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(s) who will perform the duties of the Project Engineer, defined as the individual-in-charge who is directly involved in phase II work: (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- Person who will perform the work in the area of structural plan preparation and will seal the plans as required (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- Person who will perform the work in the area of NBIS and Element Level inspections and training must be an NBIS qualified Team Leader and an Illinois Licensed Professional Engineer or 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 Structural Engineer with adequate plan review experience).

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

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

37. Job No. R-55-001-93, Various Statewide Asbestos Surveys, Bureau of Land Acquisition.

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 **October 24, 2019 at 10:00 AM** at the Central Office, Bureau of Land Acquisition in **Springfield**.

Engineering services are required to perform asbestos surveys of buildings requiring demolition. This work includes review of existing data, a building survey, asbestos sampling, and analysis and preparation of a report, summarizing the location and description of the identified asbestos, quantities, and a preliminary estimate of abatement costs. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis. For performance of this work, the Consultant will be required to assign the necessary full-time staff described in its Statement of Interest and in many cases to respond in 5-7 days after authorization to proceed on work orders.

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	15
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 \$550,000. The completion date for this contract will be 36 months after authorization to proceed.

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

- The person who will assume the duties of Project Manager for all aspects of the work documents.
- Key technical staff and their experience in this type of work including applicable licenses held.
- The person who will perform the QC/QA review work of all milestone submittal documents.

Statements of interest must also provide:

- An organizational chart showing the Administrative/Managerial & Technical/Professional Staff that will be assigned to this project.
- A discussion of your organizational and management practices to maintain established schedules, avoid cost overruns, and inform IDOT of the status of work orders

- The name of the laboratory that will be used for this project and applicable (AIHA) accreditation documentation.

The prime firm must be prequalified in the **Special Services (Asbestos Abatement Surveys)** 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).

38. Job No. S-60-003-20, Development of a Statewide Critical Infrastructure Protection Plan (SCIPP), Various Routes, Various Counties, Bureau of Operations.

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 **November 1, 2019** at **1:00 PM** at the Central Office in **Springfield**.

Engineering services are required for developing a State Critical Infrastructure Protection Plan (SCIPP) Phase II in accordance with the National Preparedness Guidelines, in order to reduce the risk to, vulnerability of, and consequences of attacks on critical infrastructure and begin critical infrastructure/key resources assessments (CIKR) statewide. Development of the SCIPP is imperative for the future of Illinois CIKR. The SCIPP would be a guiding document for state, county, local and private sector officials to establish priorities, develop further plans protecting CIKR from Natural, technological and human-caused (including terrorism) or other events that could severely impact the citizens and economy of Illinois. Work orders under the blanket agreement will be negotiated and authorized by the department on an as needed basis.

Phase I was completed June 30, 2019. The department is requesting Services for Phase II (July 1, 2019-June 30, 2020) and are anticipated to be:

- Develop, vet and validate a risk assessment methodology/supporting tool for use in conducting of site-specific assessments.
- Conduct prioritized site-level risk assessments (state-driven and/or owner/operator self-assessments using the approved methodology/tool) of identified state-level CI.
- Develop site-specific and sector-specific protection/resilience recommendations based on risk assessment results.

Consultant services are anticipated to consist of leading a multi-disciplinary/multi-jurisdictional team of state, local and private sector representatives in successfully developing and implementing the SCIPP and assessment processes as it relates to all 16 critical infrastructure sectors identified in Presidential Policy Directive 21-Critical Infrastructure Security and Resiliency. Consultants will also work with homeland security/emergency management response partners to identify appropriate strategies, develop courses of action and ultimately produce a comprehensive plan which results in the assessment, prioritization, and risk assessment of critical infrastructure state-wide that will significantly strengthen the State's capabilities for prevention, protection, mitigation, response and recovery.

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

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

The estimated engineering fee for this project is \$200,000. The completion date for this contract will be 12 months after authorization to proceed.

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

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

Statements of Interest, including resumes of the key people, must be submitted electronically to the Central Bureau of Design and Environment through the Engineering and Prequalification Agreement System (EPAS). Firms interested in submitting for this item that are not currently prequalified must establish an account in EPAS so the firms can submit a Statement of Interest. Any procedural questions regarding Statements of Interest submittal and to set up an account in EPAS may be directed to the Preliminary Engineering mailbox in the Bureau of Design and Environment at dot.consultantservices@illinois.gov.

39. Job No. D-60-005-20, Various Projects for Traffic Operations, Infrastructure Security and Roadway Maintenance, Various Routes, Various Counties, Bureau of Operations.

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

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 22, 2019 at 10:00 AM** at the Central Bureau of Operations in **Springfield**.

Engineering services are required for the Central Bureau of Operations for various traffic operations, infrastructure security, and roadway maintenance engineering services. Projects are anticipated to include light pole/traffic signal mast arm structure inspections, traffic operations/intelligent transportation system studies, best practices and policy review/development for all areas, and various rest area facility and roadside management duties. The Consultant may be required to assist with various drafting services, plan preparations including plan development for Weigh-In-Motion facilities, review and make recommendations for rest area Capital Development Board facility construction plans, conduct field investigations, and assist with administering various bureau processes. Work Orders under a blanket agreement will be negotiated and authorized by the department on an as needed basis.

The Project Manager (PM) and their staff will be expected to perform work similar to an IDOT Project Engineer and staff. The department will furnish the available documents and resources to the Consultant. Projects to be handled by the selected Consultant vary greatly in size and complexity as well as timing. The selected Consultant must have the capacity to absorb this work without adversely affecting other commitments while still completing these projects in the prescribed time period.

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

The 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	5
The Firms experience with required project work	25
Firms understanding/method of accomplishing project requirements	15

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

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

- The person who will assume the duties of Project Manager for all aspects of the work documents (must be an Illinois Licensed Professional Engineer).
- The person who will perform the duties of the Project Engineer, that individual in charge who is directly involved in the development of the contract documents: (must be an Illinois Licensed Professional Engineer).
- The person who will perform the work in the area of structure plan preparation documents and review of Capital Development Board facility construction plans (must be an Illinois Licensed Structural Engineer). In addition, the staff performing this work must be identified.
- The person(s) who will perform the work in the area of traffic operations and intelligent transportation system studies (must be an Illinois Licensed Professional Engineer and at least one person must have a Professional Traffic Operations Engineer certification).
- The person who will perform/supervise the work in the area of roads and streets analysis (must be an Illinois Licensed Professional Engineer). The Highways, Roads and Streets prequalification category may be completed by Sub and/or Prime Consultant.
- The person who will perform/supervise the work in architecture review, (must be an Illinois Licensed Architect). The Special Services, Architecture prequalification category may be completed by Sub and/or Prime Consultant.
- The person who will perform/supervise the work for any electrical analysis (must be an Illinois Licensed Professional Engineer). The Special Services, Electrical Engineering prequalification category may be completed by Sub and/or Prime Consultant.
- The person who will perform/supervise the work for any Landscaping (must be an Illinois Licensed Landscape Architect, Illinois Licensed Architect, and/or Illinois Licensed Professional Engineer). The Special Services, Landscape Architecture prequalification category may be completed by Sub and/or Prime Consultant.
- The person who will perform/supervise the work for mechanical engineering (must be an Illinois Licensed Professional Engineer). The Special Services Mechanical prequalification category may be completed by Sub and/or Prime Consultant.
- The person who will perform/supervise the work for any sanitary engineering services (must be an Illinois Licensed Professional Engineer). The Special Services Sanitary prequalification category may be completed by Sub and/or Prime Consultant.
- The person who will perform the QC/QA review work of all milestone submittal documents (must be an Illinois Licensed Professional Engineer for roadway work and an Illinois Licensed Structural Engineer for structural work with adequate plan review experience). In addition, the staff performing light pole/traffic signal mast arm structural inspections must be identified.

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

Structures – (Highway: Typical)

Special Studies- (Traffic Studies)

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

40. **Job No. P-20-004-20, Program Manager for Chicago Region Environmental & Transportation Efficiency (CREATE) Program, Office of Intermodal Project Implementation (OIP), Bureau of Rail.**

This project requires **30% 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 selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 24, 2019 at 1:30 PM** at the Office of Intermodal Project Implementation in **Chicago**.

Phase I, II, III, and long-term maintenance oversight services are required for the CREATE Program in Illinois. The Consultant Program Manager (PM) will manage various projects, which are under contract with other Consultant engineering firms. Work orders under the blanket agreement will be negotiated and authorized on an as-needed basis.

Teaming Agreements will not be allowed on this project.

The PM will be expected to perform work similar to an IDOT Section Chief & staff. This work may include but is not limited to engineering, technical, management, land acquisition, environmental and administrative services to assist in bringing to completion as expeditiously as possible various elements of the Program.

For work involving land acquisition, the department will furnish the Consultant with alignment data, title reports, existing right-of-way plats, and proposed right-of-way requirements as each work order is negotiated.

The Consultant's work includes field and office resources to prepare statutory plats, legal descriptions, and field staking of same in accordance with the department's Land Acquisition Manual and District One procedures. Some GIS and database work might also be required.

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 work anticipated for this contract may include, but not be limited to:

- Manage engineering Consultant projects assigned, including reviews and contract administration
- Manage and track project-level cost, schedule and budget requirements, and coordination with IDOT program-level and assigned project-level controls personnel
- Validate and monitor project scope
- Identify and implement all necessary coordination and communication within and outside the department; to IDOT and other CREATE stakeholders as required
- Hold regular progress meetings and briefings for IDOT including FHWA where details of the project and progress are presented
- Facilitate and expedite the resolution of technical issues, drawing upon necessary resources and experts in applicable disciplines
- Facilitate the resolution of contractual issues, drawing upon necessary resources within IDOT

- Facilitate, support and generate information to be shared with public.
- All other work as required to manage the Program

The department will make available all IDOT, FHWA and other applicable procedures, standards, and specifications, and any 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	5
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
Project Specific Criteria: Experience and Expertise in Railroad Coordination, Quality Assurance (Complex Projects), Location/Design Reports (New Construction/Major Reconstruction), land acquisition, CREATE experience, and firm’s understanding/method of accomplishing project requirements	30

The estimated engineering fee for this project is \$13,000,000. 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 Program Manager for all aspects of the work documents and include applicable railway experience.
- The person who will assume the duties of Program Engineer, that individual-in-charge (must be an Illinois Licensed Professional Engineer) and include applicable railway experience.
- The Environmental Lead, who will be responsible for the oversight of the environmental work effort and the 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 person(s) who will perform the QC/QA review work of all milestone submittals (must be an Illinois Licensed Professional Engineer) and include applicable railway experience.
- The person who will assume the duties of Program Control Manager for all aspects of the project performance.

Statements of Interest must provide the approach the firm would take on this project, managing experience, etc. as well as an outline of proposed procedures to be used in meeting project objectives. Additionally, the Consultant must be experienced in MicroStation, ArcGIS, and Primavera software systems. Consultants are also required to furnish a list of related railway experience completed in the last five years.

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

Location/Design Studies (New Construction/Major Reconstruction)

Transportation Studies (Railway Engineering)

Environmental Reports (Environmental Impact Statements)

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 and Prequalification Agreement System (EPAS).

After all responses have been evaluated, firms may be asked to make oral presentations during the week of October 14, 2019.

41. Job. No. P-20-003-20, Environmental Services for the Chicago Region Environmental & Transportation Efficiency (CREATE) Program, Office of Intermodal Project Implementation (OIP), Bureau of Rail.

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

The **Complexity Factor** for the 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 **October 24, 2019 at 11:00 AM** at the Office of Intermodal Project Implementation in **Chicago**.

Engineering services are required for various projects for the Chicago Region Environmental and Transportation Efficiency (CREATE) Program. Work orders under the blanket agreement will be negotiated and authorized by the department on an as-needed basis.

Work is anticipated to consist of but not be limited to Environmental Survey Request Forms (ESRF), Environmental Class of Action Determination (ECAD), Preliminary Environmental Site Assessments (PESA) and Preliminary Site Investigation (PSI) for CREATE Projects. Work may also consist of conducting route surveys, land surveys, hydraulic surveys, hydraulic analysis, geometric studies, environmental assessment, and location and design studies for new construction/major reconstruction, railroad structures, hazardous waste assessment, and preparing Project Reports. This work may include data collection, development of track alignment alternatives, cost estimates, signal layout, traffic/train management analysis, accident analysis, bridge condition reports, hydraulic reports, PESAs, PSIs, type, size and location (TS&L) drawings, structure plans and other related work and exhibits necessary to produce the Project Reports.

Additionally, the Consultant must be experienced in MicroStation, ArcGIS, and Primavera software systems.

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

The Consultant'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	5
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firms experience in the specific district with required project work	10
Firms understanding/method of accomplishing project requirements	25
Project Specific Criteria: Experience and Expertise in Railroad Coordination, Environmental Assessment, CREATE experience, Phase I experience.	30

It is anticipated that this contract will include multiple projects of the CREATE Program with estimated construction costs ranging up to \$40,000,000. 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 \$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(s) who will be in charge of rail engineering, rail structures, signal engineering CADD and cost estimations. Resumes should include a brief description of recent railroad work he/she has directed.
- 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 all applicable railway experience. The Project Manager will be responsible for coordination with other consultants, stakeholders, and IDOT District and Central Office staff.
- 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 with railroad structure experience). In addition, the staff performing this work must be identified as well as their applicable experience in railroad structures. The Structures (Railroad Bridges) 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 Structural Engineer) for all structural work with adequate plan review experience.
- The person who will perform the work in the area of hazardous waste. In addition, the staff performing this work must be identified as well as their applicable experience. The Special Services (Hazardous Waste: Simple) 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 water quality, traffic noise, community impacts, and ecology. Include FRA and FHWA NEPA documents compilation experience at Categorical Exclusion (CE) and Environmental Assessment (EA) level. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition. Consultant must have sufficient staff and support to progress a minimum of 6 ECAD's simultaneously while maintaining adherence to the established schedule.

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

Environmental Reports (Environmental Assessment)

Location/Design Studies (New Construction/Major Reconstruction)

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).

42. Job No. P-20-001-20, Statewide Program Manager Various Passenger Rail Projects in Illinois, Various Counties, Office of Intermodal Project Implementation, Bureau of Rail.

This project requires **14% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

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

The Consultant selected for this project and all subconsultants the prime Consultant will be using are scheduled to attend an initial meeting on **October 25, 2019 at 11:00 AM** at the Office of Intermodal Project Implementation in **Chicago**.

Phase I, II, III, and long-term maintenance oversight services are required for various Passenger Rail related new service and capital improvement projects in Illinois, including but not limited to, improvements to the Chicago to Carbondale Corridor. The Consultant Program manager (PM) will manage various projects, which are under contract with other Consultant engineering firms. Work orders under the blanket agreement will be negotiated and authorized on an as-needed basis. All work for this project may be in English or metric units.

Teaming agreements will not be allowed on this project.

The PM will be expected to perform work similar to an IDOT Section Chief & staff. This work may include but is not limited to engineering, technical, management, land acquisition, surveys, environmental, rail construction inspection, and administrative services to assist in bringing to completion as expeditiously as possible the program intent.

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

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

- Manage Consultant projects assigned, including reviews and contract administration
- Manage and track project-level cost, schedule and budget requirements, and coordination with IDOT program-level and assigned project-level controls personnel
- Validate, and monitor project scope
- Identify and implement all necessary coordination and communication within and outside the department, to IDOT and other stakeholders as required
- Hold regular progress meetings and briefings for IDOT where details of project and progress are presented
- Facilitate and expedite the resolution of technical/service issues, drawing upon necessary resources and experts in applicable disciplines
- Facilitate the resolution of contractual issues, drawing upon necessary resources within IDOT
- Public involvement as necessary for NEPA and new passenger services
- Identify and submit applications for federal funding opportunities to supplement passenger rail expansion programs and component projects.
- All other work as required to manage program.

The department will make available all applicable IDOT, Illinois Commerce Commission (ICC), Federal Railroad Administration, and Railroad procedures, standards and specifications, and any 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	5
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firms experience in the specific district with required project work	10
Firms understanding/method of accomplishing project requirements	25
Project Specific Criteria: Experience and Expertise in: Railroad Coordination, Rail Project Implementation, Track Rehabilitation, Track Maintenance, Federal Funding Applications (Grants), Grade Crossing Design, Operations Modeling, and Construction Oversight.	30

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 for this project must be listed on **Exhibit A & B** and include with complete resumes:

- Program Manager: the individual-in-charge for all aspects of the work. Include applicable railway experience and provide proof of management oversight of rail implementation projects.
- Program Engineer: the individual-in-charge who is directly involved in the development of the program projects. This individual will be responsible for coordination of geotechnical services, survey services, and other work by other engineering disciplines as required. Must be an Illinois Licensed Professional Engineer. Include applicable railway experience and provide proof of design oversight of rail projects and rail construction management. management. The **Geotechnical Services (General Geotechnical Services)** and **Special Services (Surveying)** prequalification category requirements may be completed by a Sub and/or the Prime Consultant.
- Project Controls Lead: the person responsible for budget/schedule reporting and oversight for the program. Include all applicable railway project controls and reporting experience.
- Operations Lead: the person who will assume the duties of service operations, operations modeling, and equipment utilization oversight. Include all applicable railway operations experience and evidence of Rail Traffic Controller (RTC) or comparable rail operations software knowledge.
- Quality Control Lead: the person who will perform the QC/QA review work of all milestone submittals. Include all applicable railway experience.

- Rail Structures Engineer: the person responsible for plan development for new railroad structure construction and rehabilitation. Must be an Illinois Licensed Professional Engineer with Class I railway structure experience and proper safety training. Include all applicable railway structures evaluation, design, and construction experience. The **Structures (Railroad)** prequalification category requirement may be completed by a Sub and/or the Prime Consultant.
- Environmental Lead: the person responsible for the day-to-day management of the environmental work effort. Include all applicable railway experience and provide FRA NEPA document compilation experience at Categorical Exclusion (CE) and Environmental Assessment (EA) level. In addition, list persons responsible for all environmental disciplines including Air Quality, Water Quality, Traffic Noise, Special Waste, Community Impacts, and Ecology. Environmental staffing on **Exhibit B** must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.
- Grade Crossing Engineer: the person responsible for grade crossing plan development. Include all applicable grade crossing design experience and knowledge of ICC design standards and specifications. The **Highways (Roads and Streets)** prequalification category requirement may be completed by a Sub and/or the Prime Consultant.
- Stations Lead: the person responsible for coordination and design of station facilities including passenger loading platforms. Include all applicable station design experience and knowledge of Amtrak station design standards and specifications.
- Signal & Communications Manager: the person who will provide oversight and review of signal design and construction. Include all applicable railway experience and evidence of Positive Train Control expertise.
- Contracts and Policies Manager: the person who will assist with development and management of agreements, contracts, and policy documents as required. Include evidence of federal, municipal, and railroad contract negotiations that led to an executed contract, including financial obligations.
- Utility Coordination Manager: the person responsible for coordination with utilities to identify conflicts and design conflict mitigation. Include all applicable railway experience and evidence of effective utility coordination expertise.
- Land Acquisition Manager: the person responsible for coordination of land acquisition required by the program. This person must coordinate with Central Bureau of Land Acquisition and external stakeholders. Include all applicable railway experience and evidence of effective land acquisition expertise.
- Construction Manager: the person responsible for the day-to-day oversight of Class I railroad construction. Include all applicable railroad construction oversight experience with Class I railroad construction projects. The **Special Services (Construction Inspection)** prequalification category requirement may be completed by a Sub and/or the Prime Consultant.
- Public Involvement Manager: the person who will assist with public involvement and interaction. Include applicable railway experience and provide evidence of public meetings and hearings, public comment management, and related public involvement.

- **Project Administrator:** the person will be tasked with organizing ongoing projects. This task involves monitoring project plans, schedules, work hours, budgets, and expenditures, Participation in meetings and taking of meeting minutes. Oversight of financial obligations under contract. Coordinating project correspondence. Ensure that project deadlines are met in a timely manner.

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

Location/Design Studies (New Construction/Major Reconstruction)

Transportation Studies (Railway Engineering)

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 sub-consulting 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 must provide the approach the firm would take on this project, managing experience, etc. as well as an outline of proposed procedures to be used in meeting project objectives. Additionally, the Consultant must be experienced in MicroStation, ArcGIS, and Primavera software systems. Consultants are also required to furnish a list of related railroad experience done in the last five years.

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). All resumes must include applicable railway experience.

43. **Job No. P-20-002-20 Program Manager Chicago to Rockford Intercity Passenger Rail Expansion Project, Various Counties, Office of Intermodal Project Implementation, Bureau of Rail.**

This project requires **14% DBE** participation, or if the contract goal is not met documented evidence of good faith efforts.

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

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 **October 24, 2019 at 11:00 AM** at the Office of Intermodal Project Implementation office in **Chicago**.

Phase I, II, III, and long-term maintenance oversight services are required for Amtrak related new Intercity Passenger Rail (IPR) service and capital improvement projects in Illinois, specifically for the reestablishment of the Chicago to Rockford IPR corridor. The Consultant Program manager (PM) will manage various component projects in order to assist the DOT in establishing this new service. 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.

Teaming agreements will not be allowed on this project.

The PM will be expected to perform work similar to an IDOT Section Chief & staff. This project may include but is not limited to engineering, technical, management, land acquisition, environmental, rail construction inspection and administrative services to assist in bringing to completion as expeditiously as possible the program intent.

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

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

- Manage any Consultant projects assigned, including reviews and contract administration
- Manage and track project-level cost, schedule and budget requirements, and coordination with IDOT program-level and assigned project-level controls personnel
- Validate, and monitor project scope
- Identify and implement all necessary coordination and communication within and outside the department, to IDOT and other stakeholders as required
- Hold regular progress meetings and briefings for IDOT where details of project and progress are presented
- Facilitate and expedite the resolution of technical/service issues, drawing upon necessary resources and experts in applicable disciplines
- Facilitate the resolution of contractual issues, drawing upon necessary resources within IDOT
- All other work as required to manage the program.

The department will make available all applicable IDOT, Illinois Commerce Commission (ICC), Federal Railroad Administration, and Railroad procedures, standards and specifications, and any 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	5
Proximity of firm to project location	5
Proposed DBE use	5
Available work capacity of firm	10
The firms experience in the specific district with required project work	10
Firms understanding/method of accomplishing project requirements	25
Project Specific Criteria: Experience and Expertise in: Railroad Coordination, Rail Project Implementation, Track Rehabilitation, Track Maintenance, Grade Crossing Design, and Construction Oversight.	30

The estimated engineering fee for this project is \$15,000,000. The completion date for this contract will be 60 months after authorization to proceed.

Key personnel for this project must be listed on **Exhibit A & B** and include with complete resumes:

- Program Manager: the individual-in-charge for all aspects of the work. Include applicable railway experience and provide proof of management oversight of rail implementation projects.
- Program Engineer: the individual-in-charge who is directly involved in the development of the program projects. This individual will be responsible for coordination of geotechnical services, survey services, and other work by other engineering disciplines as required. Must be an Illinois Licensed Professional Engineer. Include applicable railway experience and provide proof of design oversight of rail projects and rail construction management. The **Geotechnical Services (General Geotechnical Services)** and **Special Services (Surveying)** prequalification category requirements may be completed by a Sub and/or the Prime Consultant.
- Project Controls Lead: the person responsible for budget/schedule reporting and oversight for the program. Include all applicable railway project controls and reporting experience.
- Operations Lead: the person who will assume the duties of service operations, operations modeling, and equipment utilization oversight. Include all applicable railway operations experience and evidence of Rail Traffic Controller (RTC) or comparable rail operations software knowledge.
- Quality Control Lead: the person who will perform the QC/QA review work of all milestone submittals. Include all applicable railway experience.
- Environmental Lead: the person responsible for the day-to-day management of the environmental work effort. Include all applicable railway experience and provide FRA NEPA document compilation experience at Categorical Exclusion (CE), and Environmental

Assessment (EA) level. In addition, list persons responsible for all environmental disciplines including Air Quality, Water Quality, Traffic Noise, Special Waste, Community Impacts, and Ecology. Environmental staffing on Exhibit B must match the staffing presented in the firm's most recent Statement of Experience and Financial Condition.

- Rail Structures Engineer: the person responsible for plan development for new railroad structure construction and rehabilitation. Must be an Illinois Licensed Professional Engineer with Class I railway structure experience and proper safety training. Include all applicable railway structures evaluation, design, and construction experience. The **Structures (Railroad)** prequalification category requirement may be completed by a Sub and/or the Prime Consultant.
- Grade Crossing Engineer: the person responsible for grade crossing plan development. Include all applicable grade crossing design experience and knowledge of ICC design standards and specifications. The **Highways (Roads and Streets)** prequalification category requirement may be completed by a Sub and/or the Prime Consultant.
- Stations Lead: the person responsible for coordination and design of station facilities including passenger loading platforms. Include all applicable station design experience and knowledge of Amtrak station design standards and specifications.
- Signal & Communications Manager: the person who will provide oversight and review of signal design and construction. Include all applicable railway experience and evidence of Positive Train Control expertise.
- Contracts and Policies Manager: the person who will assist with development of agreements, contracts, and policy documents as required. Include evidence of federal, municipal, and railroad contract negotiations that led to an executed contract.
- Utility Coordination Manager: the person responsible for coordination with utilities to identify conflicts and design conflict mitigation. Include all applicable railway experience and evidence of effective utility coordination expertise.
- Land Acquisition Manager: the person responsible for coordination of land acquisition required by the program. This person must coordinate with Central Bureau of Land Acquisition and external stakeholders. Include all applicable railway experience and evidence of effective land acquisition expertise.
- Construction Manager: the person responsible for the day-to-day oversight of Class I railroad construction. Include all applicable railroad construction oversight experience with Class I railroad construction projects. The **Special Services (Construction Inspection)** prequalification category requirement may be completed by a Sub and/or the Prime Consultant.
- Public Involvement Manager: the person who will assist with public involvement and interaction. Include applicable railway experience and provide evidence of public meetings and hearings, public comment management, and related public involvement.

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

Location/Design Studies (New Construction/Major Reconstruction)

Transportation Studies (Railway Engineering)

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 sub-consulting 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 must provide an organizational chart, the approach the firm would take on this project, managing experience, all railway related experience, etc. Statements of Interest must also provide firm/staff experience in MicroStation, ArcGIS, and Primavera software systems. Consultants are also required to furnish a list of related railroad experience done in the last five years by members of the Consultant's current key personnel listed above.

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). All resumes must include applicable railway experience.

After all responses have been evaluated, firms may be asked to make oral presentations during the week of October 14, 2019.

44. **Job No. HPR-66-029-20, Field Collection of Traffic Data on Various Routes, Various Counties in District Two, District Four and District Five, Office of Planning and Programming.**

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 **October 24, 2019 at 9:00 AM** at the Harry R. Hanley Building in **Springfield**.

Engineering services are required for collection of approximately 10,400 field traffic counts in District Two, District Four and District Five. The project will be conducted during the next two traffic count seasons in years 2020 and 2021. This will entail obtaining accurate machine traffic counts using magnetic lane counters, video camera devices, and road tube counters, and submitting the raw traffic data to the department's district project manager for processing.

Five different types of machine traffic counts are required:

1. 24-hour volume/classification counts using magnetic lane counters (HiStars) or road tube classifiers
2. 24-hour volume counts using road tube counters
3. 48-hour volume/classification counts using magnetic lane counters (HiStars) or road tube classifiers for certain HPMS segment locations only
4. 24-hour Intersection turning movement counts with volume/classification data from video camera devices (Miovision)
5. 24-hour volume/classification counts on higher volume mainline routes from video camera devices (Miovision)

For 2020, we are requesting machine traffic counts at locations on unmarked routes throughout Henry, Rock Island, Fulton, Woodford, McLean and Piatt counties.

For 2021, we are requesting machine traffic counts at locations on the State Marked Route system (Interstate Routes, US Routes, IL State Routes) throughout District Two, District Four and District Five. In addition, we are requesting machine traffic counts at locations on unmarked routes in Carroll, JoDaviess, Whiteside, Henderson, McDonough, Warren, and Champaign counties.

At intersections of State Marked Routes throughout District Two, District Four and District Five, 24-hour turning movement counts with vehicle volume/classification from video camera devices are required. Additional locations on higher volume AADT routes will require 24-hour vehicle volume/classification counts using video camera devices. In both years, 24-hour vehicle volume/classification counts will be required at all HPMS locations, structures and railroad crossings to meet federal and state requirements. These locations shall be counted with either magnetic lane counters or road tube classifiers. Some HPMS locations will require 48-hour counts using the same equipment.

The department may substitute counties other than those listed as necessary.

The department requires that the 24-hour volume/classification counts be collected with either passive magnetic sensors (HiStars) or road tube classifiers depending upon the type of route. For the State Marked Route Counts (Interstate Routes, US Routes, IL State Routes), the Histar NC-300 or NC-350 passive magnetic sensor will be required for most locations. Higher AADT Unmarked Routes in most cases will require either a HiStar NC-300 or NC-350 passive magnetic sensor or a road tube classifier. Lower AADT Unmarked Routes in most cases will utilize, road tube counters to collect volume only traffic data.

The department requires that the 48-hour volume/classification HPMS counts be collected with either passive magnetic sensors (HiStars) or road tube classifiers depending upon the type of route.

The 24-hour Intersection Turning Movement Counts (TMC) will collect vehicle volume/classification data using Miovision video traffic count collection equipment or similar technologies that can accurately extract lane specific volume/classification traffic counts and turning movement data.

The 24-hour Mainline video locations will require vehicle volume/classification traffic counts using Miovision video traffic count collection equipment or similar technologies that can accurately extract lane specific volume/classification traffic counts on high volume Interstate routes.

All video used to extract turning movements and traffic count data must be submitted to IDOT twice annually, once at the midpoint of the count season and again at the end of the count season.

Type of Count		District	Estimated Traffic Count locations		Total Locations
			Year 2020	Year 2021	
1.	24-hour volume/class	2	1444	1336	2780
	24-hour volume/class	4	461	1337	1798
	24-hour volume/class	5	1266	1030	2296
2.	48-hour volume/class	2	167	6	173
	48-hour volume/class	4	52	5	57
	48-hour volume/class	5	84	26	110
3.	24-hour road tube volume	2	365	753	1118
	24-hour road tube volume	4	467	381	848
	24-hour road tube volume	5	321	476	797
4.	24-hour TMC Intersection volume/class	2	0	127	127
	24-hour TMC Intersection volume/class	4	0	127	127
	24-hour TMC Intersection volume/class	5	0	53	53
5.	24-hour Mainline Video volume/class	2	0	21	21
	24-hour Mainline Video volume/class	4	0	46	46
	24-hour Mainline Video volume/class	5	0	0	0

All traffic control procedures utilized by the Consultant must follow the IDOT “Work Site Protection Manual” and the “Supplement to the Work Site Protection Manual” unless otherwise approved by the District in which the count is located.

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

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

Statements of Interest and **Exhibit A** must include the following:

- 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 current assignments, experience managing traffic count collection projects, location of office assignment and percentage of time each month to be devoted to this project.
- The person who will perform the QC/QA review work of all submittal documents.
- A proposal describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Sub-Consultant(s) and a schedule which allows for completion of that work by October 31 of each calendar year (2020 and 2021). The traffic counting season begins in March, weather permitting, and runs through October 31. Traffic counts are conducted Monday through Friday. Counts will not be conducted the day before, the day of, or the day after Holidays (Memorial Day, Independence Day, Labor Day, Columbus Day).
- A general description of the firm listing the location of major offices, number of employees in each major office and number of employees with actual experience in gathering traffic count data, and traffic counting equipment available to complete the contract.
- A description of traffic studies projects where field traffic data was collected by the firm within the past five years. Include timeframe of work, role of company in project, and number of counts completed. Provide the name, title, address and telephone number of the individual in the hiring organization who supervised your firm's work on each project. The department reserves the right to contact any of the named individuals to determine performance on the listed project(s).
- An outline of procedures the firm will have in place to provide quality control/quality assurance for this project.
- A photo of the firm’s truck with the mounted attenuator that is required In District One on divided 4-6 lane roadways (non-interstates) with higher traffic volumes when encroaching onto the roadway.

Each counting season, the department will furnish GIS shapefiles indicating count locations, ACCESS database containing the list of traffic count locations and count type required for the Consultant's use in developing a count schedule approved by the department's project manager. Raw field traffic data will be sent to the department electronically along with an ACCESS database table containing locations counted to IDOT's SharePoint site. Field traffic data obtained by the consultant must be submitted to the department's project manager within ten working days of completion of the count.

The Consultant must demonstrate a thorough knowledge of traffic counting procedures and the capability to furnish equipment and personnel to safely accomplish the project.

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

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

45. **Job No. HPR-66-029-20, Field Collection of Traffic Data on Various Routes, Various Counties in District One and District Three, Office of Planning and Programming.**

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 **October 23, 2019 at 1:30 PM** at the Harry R. Hanley Building in **Springfield**.

Engineering services are required for collection of approximately 7,600 field traffic counts in District One and District Three. The project will be conducted during the next two traffic count seasons in years 2020 and 2021. This will entail obtaining accurate machine traffic counts using magnetic lane counters, video camera devices, and road tube counters, and submitting the raw traffic data to the department's district project manager for processing.

Five different types of machine traffic counts are required:

1. 24-hour volume/classification counts using magnetic lane counters (HiStars) or road tube classifiers
2. 24-hour volume counts using road tube counters
3. 48-hour volume/classification counts using magnetic lane counters (HiStars) or road tube classifiers for certain HPMS segment locations only
4. 24-hour Intersection turning movement counts with volume/classification data from video camera devices (Miovision)
5. 24-hour volume/classification counts on higher volume mainline routes from video camera devices (Miovision)

For 2020, we are requesting machine traffic counts at locations on unmarked routes throughout DuPage, LaSalle and Bureau counties.

For 2021, we are requesting machine traffic counts at locations on the State Marked Route system (Interstate Routes, US Routes, IL State Routes) throughout District One and District Three. In addition, we are requesting machine traffic counts at locations on unmarked routes in McHenry, DeKalb and Kankakee counties.

At intersections of State Marked Routes throughout District One and District Three, 24-hour turning movement counts with vehicle volume/classification from video camera devices are required. Additional locations on higher volume AADT routes will require 24-hour vehicle volume/classification counts using video camera devices. In both years, 24-hour vehicle volume/classification counts will be required at all HPMS locations, structures and railroad crossings to meet federal and state requirements. These locations shall be counted with either magnetic lane counters or road tube classifiers. Some HPMS locations will require 48-hour counts using the same equipment.

In District One on divided 4-6 lane roadways (non-interstates) with higher traffic volumes, a truck with a truck mounted attenuator will be required when encroaching onto the roadway.

The department may substitute counties other than those listed, as necessary.

The department requires that the 24-hour volume/classification counts be collected with either passive magnetic sensors (HiStars) or road tube classifiers depending upon the type of route. For the State Marked Route Counts (Interstate Routes, US Routes, IL State Routes), the HiStar NC-300 or NC-350 passive magnetic sensor will be required for most locations. Higher AADT Unmarked Routes in most cases will require either a HiStar NC-300 or NC-350 passive magnetic sensor or a road tube classifier. Lower AADT Unmarked Routes in most cases will utilize, road tube counters to collect volume only traffic data.

The department requires that the 48-hour volume/classification HPMS counts be collected with either passive magnetic sensors (HiStars) or road tube classifiers depending upon the type of route.

The 24-hour Intersection Turning Movement Counts (TMC) will collect vehicle volume/classification data using Miovision video traffic count collection equipment or similar technologies that can accurately extract lane specific volume/classification traffic counts and turning movement data.

The 24-hour Mainline video locations will require vehicle volume/classification traffic counts using Miovision video traffic count collection equipment or similar technologies that can accurately extract lane specific volume/classification traffic counts on high volume Interstate routes.

All video used to extract turning movements and traffic count data must be submitted to IDOT twice annually, once at the midpoint of the count season and again at the end of the count season.

Type of Count	District	Estimated Traffic Count locations		Total Locations
		Year 2020	Year 2021	
1. 24-hour volume/class	1	966	1259	2225
24-hour volume/class	3	1339	1663	3002
2. 48-hour volume/class	1	42	25	67
48-hour volume/class	3	59	26	85
3. 24-hour road tube volume	1	0	0	0
24-hour road tube volume	3	568	770	1338
4. 24-hour TMC Intersection volume/class	1	0	611	611
24-hour TMC Intersection volume/class	3	0	128	128
5. 24-hour Mainline Video volume/class	1	3	76	79
24-hour Mainline Video volume/class	3	0	0	0

All traffic control procedures utilized by the Consultant must follow the IDOT "Work Site Protection Manual" and the "Supplement to the Work Site Protection Manual" unless otherwise approved by the District in which the count is located.

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

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

Statements of Interest and **Exhibit A** must include the following:

- 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 current assignments, experience managing traffic count collection projects, location of office assignment and percentage of time each month to be devoted to this project.
- The person who will perform the QC/QA review work of all submittal documents.
- A proposal describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Sub-Consultant(s) and a schedule which allows for completion of that work by October 31 of each calendar year (2020 and 2021). The traffic counting season begins in March, weather permitting, and runs through October 31. Traffic counts are conducted Monday through Friday. Counts will not be conducted the day before, the day of, or the day after Holidays (Memorial Day, Independence Day, Labor Day, Columbus Day).
- A general description of the firm listing the location of major offices, number of employees in each major office and number of employees with actual experience in gathering traffic count data, and traffic counting equipment available to complete the contract.
- A description of traffic studies projects where field traffic data was collected by the firm within the past five years. Include timeframe of work, role of company in project, and number of counts completed. Provide the name, title, address and telephone number of the individual in the hiring organization who supervised your firm's work on each project. The department reserves the right to contact any of the named individuals to determine performance on the listed project(s).
- An outline of procedures the firm will have in place to provide quality control/quality assurance for this project.
- A photo of the firm's truck with the mounted attenuator that is required In District One on divided 4-6 lane roadways (non-interstates) with higher traffic volumes when encroaching onto the roadway.

Each counting season, the department will furnish GIS shapefiles indicating count locations, ACCESS database containing the list of traffic count locations and count type required for the Consultant's use in developing a count schedule approved by the department's project

manager. Raw field traffic data will be sent to the department electronically along with an ACCESS database table containing locations counted to IDOT's SharePoint site. Field traffic data obtained by the consultant must be submitted to the department's project manager within ten working days of completion of the count.

The Consultant must demonstrate a thorough knowledge of traffic counting procedures and the capability to furnish equipment and personnel to safely accomplish the project.

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

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

46. **Job No. HPR-66-029-20, Field Collection of Traffic Data on Various Routes, Various Counties in District Six, District Seven, District Eight and District Nine, Office of Planning and Programming.**

This project may contain **Federal Funds**.

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

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

The Consultant who is selected for this project and all Sub-Consultants the Prime Consultant will be using are scheduled to attend an initial meeting on **October 24, 2019 at 1:30 PM** in Room 214 at the Harry R. Hanley Building in **Springfield**.

Engineering services are required for collection of approximately 7,700 field traffic counts in District Six, District Seven, District Eight and District Nine. The project will be conducted during the next two traffic count seasons in years 2020 and 2021. This will entail obtaining accurate machine traffic counts using magnetic lane counters, video camera devices, and road tube counters, and submitting the raw traffic data to the department's district project manager for processing.

Five different types of machine traffic counts are required:

1. 24-hour volume/classification counts using magnetic lane counters (HiStars) or road tube classifiers
2. 24-hour volume counts using road tube counters
3. 48-hour volume/classification counts using magnetic lane counters (HiStars) or road tube classifiers for certain HPMS segment locations only
4. 24-hour Intersection turning movement counts with volume/classification data from video camera devices (Miovision)
5. 24-hour volume/classification counts on higher volume mainline routes from video camera devices (Miovision)

For 2020, we are requesting machine traffic counts at locations on unmarked routes throughout Menard, Montgomery, Scott, Macon and Moultrie counties. In addition, we are requesting machine traffic counts at locations on Interstate Routes throughout District Nine.

For 2021, we are requesting machine traffic counts at locations on the State Marked Route system (Interstate Routes, US Routes, IL State Routes) throughout District Six, District Seven, District Eight and District Nine. In addition, we are requesting machine traffic counts at locations on unmarked routes in Christian, Logan, Macoupin, Clark, Clay, Cumberland, and Jasper counties.

At intersections of State Marked Routes throughout District Six, District Seven, District Eight and District Nine, 24-hour turning movement counts with vehicle volume/classification from video camera devices are required. Additional locations on higher volume AADT routes will require 24-hour vehicle volume/classification counts using video camera devices. In both years, 24-hour vehicle volume/classification counts will be required at all HPMS locations, structures and railroad crossings to meet federal and state requirements. These locations shall be counted with either magnetic lane counters or road tube classifiers. Some HPMS locations will require 48-hour counts using the same equipment.

The department may substitute counties other than those listed as necessary.

The department requires that the 24-hour volume/classification counts be collected with either passive magnetic sensors (HiStars) or road tube classifiers depending upon the type of route. For the State Marked Route Counts (Interstate Routes, US Routes, IL State Routes), the HiStar NC-300 or NC-350 passive magnetic sensor will be required for most locations. Higher AADT Unmarked Routes in most cases will require either a HiStar NC-300 or NC-350 passive magnetic sensor or a road tube classifier. Lower AADT Unmarked Routes in most cases will utilize, road tube counters to collect volume only traffic data.

The department requires that the 48-hour volume/classification HPMS counts be collected with either passive magnetic sensors (HiStars) or road tube classifiers depending upon the type of route.

The 24-hour Intersection Turning Movement Counts (TMC) will collect vehicle volume/classification data using Miovision video traffic count collection equipment or similar technologies that can accurately extract lane specific volume/classification traffic counts and turning movement data.

The 24-hour Mainline video locations will require vehicle volume/classification traffic counts using Miovision video traffic count collection equipment or similar technologies that can accurately extract lane specific volume/classification traffic counts on high volume Interstate routes.

All video used to extract turning movements and traffic count data must be submitted to IDOT twice annually, once at the midpoint of the count season and again at the end of the count season.

Type of Count		District	Estimated Traffic		Total
			Count	Locations	
			Year 2020	Year 2021	
1.	24-hour volume/class	6	550	1449	1999
	24-hour volume/class	7	1019	938	1957
	24-hour volume/class	8	0	558	558
	24-hour volume/class	9	37	698	735
2.	48-hour volume/class	6	131	11	142
	48-hour volume/class	7	140	2	142
	48-hour volume/class	8	0	0	0
	48-hour volume/class	9	0	0	0
3.	24-hour road tube volume	6	305	548	853
	24-hour road tube volume	7	369	614	983
	24-hour road tube volume	8	0	0	0
	24-hour road tube volume	9	0	0	0
4.	24-hour TMC Intersection volume/class	6	0	147	147
	24-hour TMC Intersection volume/class	7	0	36	36
	24-hour TMC Intersection volume/class	8	0	52	52
	24-hour TMC Intersection volume/class	9	0	81	81

Type of Count		District	Estimated Traffic		Total Locations
			Count	Locations	
			Year 2020	Year 2021	
5.	24-hour Mainline Video volume/class	6	0	3	3
	24-hour Mainline Video volume/class	7	0	0	0
	24-hour Mainline Video volume/class	8	0	10	10
	24-hour Mainline Video volume/class	9	3	4	7

All traffic control procedures utilized by the Consultant must follow the IDOT "Work Site Protection Manual" and the "Supplement to the Work Site Protection Manual" unless otherwise approved by the District in which the count is located.

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

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

Statements of Interest and **Exhibit A** must include the following:

- 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 current assignments, experience managing traffic count collection projects, location of office assignment and percentage of time each month to be devoted to this project.
- The person who will perform the QC/QA review work of all submittal documents.
- A proposal describing in detail on how the Consultant will accomplish the work, including any work that would be performed by a Sub-Consultant(s) and a schedule which allows for completion of that work by October 31 of each calendar year (2020 and 2021). The traffic counting season begins in March, weather permitting, and runs through October 31. Traffic counts are conducted Monday through Friday. Counts will not be conducted the day before, the day of, or the day after Holidays (Memorial Day, Independence Day, Labor Day, Columbus Day).
- A general description of the firm listing the location of major offices, number of employees in each major office and number of employees with actual experience in gathering traffic count data, and traffic counting equipment available to complete the contract.
- A description of traffic studies projects where field traffic data was collected by the firm within the past five years. Include timeframe of work, role of company in project, and number of counts completed. Provide the name, title, address and telephone number of the individual in the hiring organization who supervised your firm's work on each project. The department

reserves the right to contact any of the named individuals to determine performance on the listed project(s).

- An outline of procedures the firm will have in place to provide quality control/quality assurance for this project.
- A photo of the firm's truck with the mounted attenuator that is required In District One on divided 4-6 lane roadways (non-interstates) with higher traffic volumes when encroaching onto the roadway.

Each counting season, the department will furnish GIS shapefiles indicating count locations, ACCESS database containing the list of traffic count locations and count type required for the Consultant's use in developing a count schedule approved by the department's project manager. Raw field traffic data will be sent to the department electronically along with an ACCESS database table containing locations counted to IDOT's SharePoint site. Field traffic data obtained by the consultant must be submitted to the department's project manager within ten working days of completion of the count.

The Consultant must demonstrate a thorough knowledge of traffic counting procedures and the capability to furnish equipment and personnel to safely accomplish the project.

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

Statements of Interest, including resumes of the consulting firm's key people must be electronically submitted 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.



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

Address _____

City/State/Zip _____

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

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

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

Disadvantaged Business _____ percent

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

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

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

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

Disadvantaged Business Participation _____ percent

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

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

NOTICE

Subconsultant Utilization Plan

July 01, 2018

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

Teaming

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

Yes

--Select To Add Firm--

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

Subconsultants Work Performed

IDOT PreQualified Firms

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

Mentor Input stays the same, no changes.

Mentor-Protégé

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

Yes

--Select New Protege Firm--

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

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

ABC Corp.

Project Experience

PTB Item: 1

PTB Number
187
IDHR Number

3. Summarize any experience of the staff or firm in accomplishing similar types of work. Include only the most recent projects completed by your staff or firm. This information should be concise and relevant to the expertise required for this specific project. If there are several projects with the same work completed, then one summary will be adequate with location and project manager noted for each.

Select...

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

Select...

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

The Consultant's Exhibit A form is required for each item for successful electronic submittal. Please print the form, sign it, convert the signed form to PDF document and attach below. If this form has already been printed and attached and any information is either added or deleted on the Exhibit A and Exhibit A Staffing pages, you will be required to re-print the form, sign and re-attach.

Print

Select...

***6. Subconsultant Utilization Form**

The utilization form is required for successful electronic submittal. Please print the form and attach below. The forms are not required to be completed at submittal time. If selected for this Item, the prime firm will be required to Select "View", then print the forms, complete the forms and have any subconsultants complete and provide the forms to the Project Manager.

Print

Select...

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

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

Address _____

City/State/Zip _____

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

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

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

Disadvantaged Business _____ percent

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

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

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

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

Disadvantaged Business Participation _____ percent

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

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



Subconsultant/DBE Participation Statement

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

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

 Signature for Prime Consultant

 Signature for Subconsultant

Date _____

Date _____

Contact Person _____

Contact Person _____

Title _____

Title _____

Firm Name _____

Firm Name _____

Address _____

Address _____

City/State/Zip _____

City/State/Zip _____

Phone _____

Phone _____

Email Address _____

Email Address _____



Subconsultant/DBE Participation Statement

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

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

Signature for Prime Consultant _____ Signature for Subconsultant _____

Date _____ Date _____

Contact Person _____ Contact Person _____

Title _____ Title _____

Firm Name _____ Firm Name _____

Address _____ Address _____

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

Phone _____ Phone _____

Email Address _____ Email Address _____

NOTICE Compensation

Effective 08-03-17

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

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

Cost Plus Fixed Fee (CPFF) method of compensation

CPFF formula:

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

Where Fixed Fee (FF):

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

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

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

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

Where:

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

Escalation Rate:

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

Notice
Consultant Invoicing
11-17-16

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

Listed below are possible causes for payment delay:

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

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

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

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

NOTICE

Statements of Interest Rating Criteria in Advertisement

November 10, 2016

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

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

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

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

NOTICE Overhead Rates

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

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

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

NOTICE

DOT Prequalification Letter

There is an approval letter for each approved SEFC application. The letter is dated with the print date; the body of the letter contains the fiscal year approval date.

If the firm was not approved, there isn't a letter.

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category	Additional Info	Approval Letter
SEFC ID: 1	03/29/2016	12/31/2015	NewSEFC	134.2	APPROVED	View	View	Approval Letter
SEFC ID: 2	11/06/2013	06/30/2012	NewSEFC	0.00	NOT_APPROVED	View	View	NO LETTER
SEFC ID: 3	05/06/2013	12/31/2012	AmendSEFC	137.19	APPROVED	View	View	Approval Letter
SEFC ID: 4	04/11/2013	06/30/2011	AmendSEFC	137.19	APPROVED	View	View	Approval Letter
SEFC ID: ---	04/08/2013	06/30/2012	AmendSEFC	10.00	APPROVED	View	View	Approval Letter

SEFC ID 1 would have a letter stating in the first paragraph: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2015.

The last paragraph in the letter would state, Your firm is prequalified until December 31, 2016. You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

SEFC ID 2 would not have a letter, firm was not approved

SEFC ID 3 would have a letter stating in part: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending December 31, 2012.

SEFC ID 4 would have a letter stating in part: We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending June 30, 2011.

The IDOT prequalification approval letters:

We have completed our review of your "Statement of Experience and Financial Condition" (SEFC) which you submitted for the fiscal year ending (date specific to the firm's fiscal year end date). Your firm's total annual transportation fee capacity will be (determined as noted in the BDE Manual Chapter 8).

Your firm's payroll burden and fringe expense rate and general and administrative expense rate totaling (Overhead%) are approved on a provisional basis. The rate used in agreement negotiations may be verified by our Office of Quality Compliance and Review in a pre-award audit.

Your firm is required to submit an amended SEFC through the Engineering Prequalification & Agreement System (EPAS) to this office to show any additions or deletions of your licensed professional staff or any other key personnel that would affect your firm's prequalification in a particular category. Changes must be submitted within 15 calendar days of the change and be submitted through the Engineering Prequalification and Agreement System (EPAS).

Your firm is prequalified until (**Fiscal Year + 1 year**). You will be given an additional six months from this date to submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) to remain prequalified.

The last paragraph is saying your firm is prequalified for one year based on the firm's fiscal year and to remain prequalified the firm must submit the applicable portions of the "Statement of Experience and Financial Condition" (SEFC) within 6 months. IDOT is giving the firm time to gather and complete information; we don't expect the firms to be able to submit data immediately. The firm remains prequalified during this six month grace period. Once the data is submitted, either before or on the due date, the firm remains prequalified in the current categories until IDOT reviews a category and makes a determination. If there is not submittal by the due date, the firm is automatically listed as not approved.

NOTICE

List of Prequalified Consultant Firms

May 05, 2016

IDOT provides a listing of prequalified consulting firms on the IDOT website, under [Engineering, Architectural Professional Services](#)

This list is typically updated weekly, and is based on the most recently approved SEFC application.

Information has been added to the website to help clarify:

Prequalification

All engineering, land surveying, and architectural consultants interested in providing services to IDOT, whether as a prime or subconsultant, must be prequalified with the department. IDOT prequalifies architectural and/or engineering consultants in multiple transportation categories of service. Prequalification is based on the firm's and the individual's professional experience and qualification. Annual updates to statements of experience and financial condition must be completed to maintain prequalification status. The process is governed by state Statute ([30 ILCS 535/1](#)).

There are approximately 400 firms prequalified with IDOT that are able to submit statements of interest on engineering, land surveying and architectural project advertisements. Updated every Friday, the List of Prequalified Consultants, List of Prequalified DBE Consultants and List of Prequalification Categories without a DBE firm, provides the firm name, address, DBE status, contact person, phone number, fax number and prequalified IDOT category or list posted is from the firms last approved Statement of Experience and Financial Condition. Firms with information in for review may have additional prequalification categories or may not have all the prequalification categories listed. Firms can track the progress of their Statement of Experience and Financial Condition review by viewing Status Column and the Category Column in EPAS.

Firms are encouraged to monitor their prequalification status in EPAS.

To check the status of an application and/or view current prequalification, log on to EPAS. In this example, the review of the application has not been completed. The Financial Portion is under review. The review of the requested prequalification categories is complete, note the RANKING_COMPLETE in the Status Column. Once the status column says APPROVED, the entire review is complete.

Vendor Search Results / Details

Vendor: |

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category	Additional Info
SEFC ID:	09/10/2015	12/31/2014	NewSEFC	116.45	RANKING_COMPLETE	View	View
SEFC ID:	08/20/2014	12/31/2013	RenewSEFC	118.52	APPROVED	View	View
SEFC ID:	01/14/2014	12/31/2012	AmendSEFC	117.62	APPROVED	View	View
SEFC ID:	12/05/2013	12/31/2012	AmendSEFC	117.62	APPROVED	View	View
SEFC ID:	07/01/2013	12/31/2012	RenewSEFC	117.62	APPROVED	View	View

At Ranking Complete, SEFC ID 5555, the firm can view their status of the proposed prequalification categories; select View in the Category Column. It will note if your firm is qualified or not qualified.

Vendor: EXAMPLE FIRM

SEFC Applications

App Id	Application Date	Fiscal Year Ending Date	Type	Overhead %	Status	Category
SEFC ID 5555	09/10/2015	12/31/2014	NewSEFC	124	RANKING_COMPLETE	View
SEFC ID 4444	08/20/2014	12/31/2013	RenewSEFC	125	APPROVED	View

Categories

Category	Qualified	Comments
Airports - Design	X-Qualified	
Special Studies - Pump Stations	A-Denied Prequalification	Firm is requ
Special Studies - Feasibility	X-Qualified	
Location Design Studies - Rehabilitation	X-Qualified	
Special Studies - Traffic Studies	X-Qualified	
Location Design Studies - New Construction/Major Reconstruction	A-Denied Prequalification	Firm is requ
Structures - Highway: Typical	X-Qualified	
Special Services - Electrical Engineering	X-Qualified	Only list tra

Until the SEFC ID 5555 application is approved, the data from the last approved SEFC ID 4444: will show on the website. In this example, the firm was prequalified in Special Studies-Pump Station and the prequalification for the category shows on the website. The firm is not currently prequalified in pump stations and it is not showing on the website because the firm's application is under review. The firm would not be prequalified for the category and would not be considered for items requiring Special Studies – Pump Station.

Categories

Category	Qualified	Comments
Airports - Design	X-Qualified	
Special Studies - Pump Stations	X-Qualified	
Special Studies - Feasibility	X-Qualified	
Location Design Studies - Rehabilitation	X-Qualified	
Special Studies - Traffic Studies	X-Qualified	
Location Design Studies - New Construction/Major Reconstruction	X-Qualified	

Information on website:

EXAMPLE FIRM

ries: Airports - Design,Highways - Freeways,Highways - Roads and Streets,Hydraulic Reports - Waterways: Complex,Hydraulic Reports - Water Construction/Major Reconstruction,Location Design Studies - Reconstruction/Major Rehabilitation,Location Design Studies - Rehabilitation,S - Construction Inspection,Special Services - Electrical Engineering,Special Services - Mechanical,Special Services - Sanitary,Special Studie Drainage,Special Studies - Pump Stations,Special Studies - Safety,Special Studies - Traffic Studies,Structures - Highway: Advanced Typical Highway: Typical Structures - Mass Transit

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

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

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

The firm is not prequalified in Sanitary.

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

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

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

Navigating the web-site for Engineering Consultant Firms

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

The screenshot shows the Illinois Department of Transportation website. At the top, there is an orange header with the names of the Secretary (Randall S. Blankenhorn) and Governor (Bruce Rauner). Below this is a dark blue navigation bar with the IDOT logo and a search box. The main content area is white and features a breadcrumb trail: Home > Doing Business > Procurements > Engineering, Architectural & Professional Services. The page title is 'Engineering, Architectural & Professional Services'. The main text describes the department's need for specialized work and the process for firms to work with them. On the left, there is a sidebar with 'Doing Business' and various links. On the right, there is a 'Quick Links' section. At the bottom, there is a horizontal menu with tabs for 'Prequalification', 'Bulletin', 'Statement of Interest', 'Compliance & Admin', and 'Stay Connected'.

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

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

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



Resources

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



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

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

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

Forms

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

▸ Data Collection

▾ Design and Environment

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

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

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

Located at: [Stay Connected](#)

Instructions to Subscribe

Please Note:

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

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

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

Instructions to Unsubscribe

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

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

NOTICE

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

USDOT 1050.2A APPENDIX E

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

Pertinent Non-Discrimination Authorities;

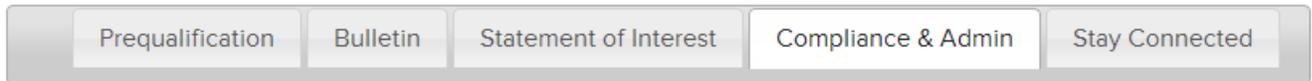
- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42U.S.C. §460 I), (prohibits unfair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

Notice

Reminder for Payroll Rate Submittal

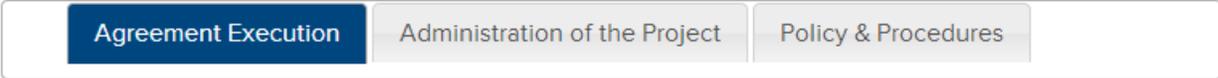
To avoid delays and expedite the agreement process it is critical to use the latest forms. Go to the IDOT website and use the latest form for updating the firms Payroll Rates. **Do Not use existing forms.** Use the latest forms on the website under [Resources: Design and Environment](#)

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



Compliance & Administration

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



Agreement Execution

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

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

- ▶ Prime Agreement
- ▶ Supplemental Agreement

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

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

Teaming

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

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

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

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

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

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

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

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

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

Notice for Mentor-Protége:

Available on the internet:

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

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

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

NOTICE

2-26-13

This requirement is NOT a criteria for Selection.

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

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

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

SB 51 Rules

Impacts

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

SB 51 Communications Reporting Aftermath

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

SB 51 Communications Report Relief

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

New Rules

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

▪ **Discussions are limited to:**

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

▪ **NO PROCUREMENT DISCUSSION – PERIOD**

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

Notice For

Department Manuals, Memorandums, & Rules

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

[Aeronautics Part 14 Aviation Safety Rules](#)

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

[All Bridge Designer Memoranda](#)

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

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

[Coded Pay Items](#)

[CREATE Manuals](#)

[Land Acquisition Manual](#)

[Bureau of Local Roads Circular Letters](#)

[Bureau of Local Roads Manual](#)

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

[Construction Manual](#)

[Geotechnical Documents Manuals and Procedures](#)

[Government Electronic Records Act](#)

[IDOT Drainage Manual](#)

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

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

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

[Illinois Traffic Monitoring Program](#)

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

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

To order go to [Manual Sales](#)

NOTICE DBE FIRMS AND PROJECT GOALS

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

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

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

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

“Special Notice Regarding Disadvantaged Business Enterprises”

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

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

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

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

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

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

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

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

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

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

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

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

Notice

Documentation of Contract Quantities Class

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

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

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

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

NOTICE OF TRAINING OPPORTUNITY Updated 9-23-14

LAKELAND COLLEGE TRAINING COURSES

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

Kathy Willenborg

Lake Land College

5001 Lake Land Blvd.

Mattoon, IL 61938-9336

Phone: (217) 234-5285

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

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

NATIONAL HIGHWAY INSTITUTE (NHI) COURSES

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

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

NATIONAL TRANSIT INSTITUTE (NTI) COURSES

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

<http://www.ntionline.com>

ILLINOIS CENTER FOR TRANSPORTATION

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

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

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

For questions about registration and cancellations contact:

Trachia Wilson

Email: tstolz@illinois.edu

Phone: 217-300-3197.