

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).