

IA 9 over Mississippi River
Construction Engineering and Inspection Services

Allamakee County
City of Lansing, Iowa

Request For Proposal

Iowa Department of Transportation

(In cooperation with Wisconsin Department of Transportation)

Introduction

The Iowa Department of Transportation's (Iowa DOT) District 2 Office is interested in entering a professional services contract with a consulting company to provide construction engineering and inspection services during construction of the Mississippi River Bridge in Lansing, IA. If your firm is interested in providing the described services, please submit a proposal stating your ability and availability to complete this work.

Project Background

The purpose of the project is to replace the existing Black Hawk Bridge across the Mississippi River between Iowa and Wisconsin.

The new bridge will be a 1352' 3-Span Steel Truss bridge with a 364' 3-Span Prestressed Concrete Beam approach bridge on the Wisconsin side. The truss bridge will be supported on drilled shaft foundations, and the prestressed beam bridge will be supported on pile foundations. In addition to the bridges, construction will also include mechanically stabilized earth retaining walls and the roadway approaches.

The project packaging is not finalized, so these services may cover various construction contracts in the area.

Project Scope

The Consultant will provide administration, inspection, materials testing, record keeping and all other duties necessary for the successful completion of the project. These services will commence during the advertising of the construction project and continue through the final audit.

Activity	2023				2024				2025				2026				2027			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Construction Advertising & Letting																				
Mobilization																				
Foundation																				
Prestress Bridge Spans																				
Steel Truss Assembly & Erection																				
Main Spans Decking & Barrier Rail																				
Approach Roadways																				
Demolition																				

Consultant services will include:

- Materials Testing: PCC plant monitoring; PCC site testing; material certifications, acceptance, sampling and testing, etc.
- Construction Inspection: on-site observation presence, verification that plan requirements are met, compliance notifications, quantity documentation, project activity documentation, etc.
- Construction Engineering: bathymetric (channel) survey, vibration monitoring, schedule reviews, submittal responses, meeting attendance, etc.

It is anticipated that the Consultant will need to provide 3-4 full time on-site personnel and 4 part time remote personnel throughout the project. Additional staff will be required to support other key phases of the project on an as needed basis.

On site personnel will work through an appointed DOT employee who will serve as the construction project manager. It is expected that at least one structural engineer be on site for the assembly and erection of the steel trusses. Additional technical staff will be needed to support the remaining project activities.

To promote efficiency, on site personnel should be capable of providing construction inspection and materials testing services. All personnel providing these services are required to be certified by the Iowa DOT. Please indicate personnel's current certifications and/or their ability to become certified in the proposal.

Draft plans, specifications and special provisions will be provided to the Consultant.

The Consultant's experience with construction of major river crossing bridges should be clearly demonstrated. This project involves a wide variety of elements, so it would be helpful to illustrate any experience with steel truss bridges, deep foundations, drilled shaft foundations, mass concrete, demolition techniques, vibration monitoring, and/or considerations related to navigable channels, wildlife refuges, historical structures, document control and management, partnering and conflict resolution. Present any specific experience with Iowa DOT projects.

Although the inspection duties listed above are the focus of this contract, other services may be required to ensure timely delivery of the project such as design, geotechnical investigation, survey, legal review, public relations, hydraulic investigations, etc. These services are not the primary focus of the contract and should not be addressed in the proposal. Staff qualifications will be addressed during negotiations if these services are necessary.

Contract Information

The Iowa DOT will select one consultant to perform construction engineering and inspection services. The selection process is anticipated to be completed in fall 2022.

It is anticipated that services will be contracted through a series of cost plus fixed fee type contracts. The initial contract is planned to commence in January 2023, and the planned completion date is December 2027.

There is no specific dollar amount dedicated or assigned to this work. The Department will not guarantee a set amount of work or contract value for these services.

Currently, we do not anticipate federally funded contracts under this selection. If federal funding is used, the Iowa DOT may establish a DBE goal at the time of contract negotiations.

General Requirements

The consultant and their subconsultants are required to meet the requirements of specified work categories as defined in the Iowa DOT's Policy and Procedure Manual, Policy No. 300.04, at the time of contract execution, and for the duration of the contract. Work under this contract will require the consultant team to meet the requirements of work categories 220 – Construction Inspection and Project Management. Failure to meet the requirements during the contract may result in cancellation of any remaining portion of the contract.

The Iowa DOT would prefer to contract with an inspection team who is completely independent of the design team. For each company and key staff, list any involvement in the project prior to letting and include a statement of how potential conflict of interests will be addressed. Parsons Transportation Group is not eligible to propose as either a prime or a sub-consultant on this RFP. Any services required from Parsons Transportation Group will be contracted directly from Iowa DOT.

It is the policy of the Iowa DOT that Disadvantaged Business Enterprises (DBEs) and Targeted Small Businesses (TSBs) shall have the maximum practicable opportunity to participate in the performance of Iowa DOT contracts. Funding of the work under this contract is not expected to involve federal-aid highway funds. Although a DBE / TSB goal is not established, the Department still encourages the spirit of the program to be incorporated in the proposed contract whenever possible. In the event DBE participation is required on a particular contract, the goal will be established as part of the negotiation. A list of certified DBE firms may be found at <https://secure.iowadot.gov/DBE/Directory/Index/>. A list of TSB firms may be found at <https://iowaeda.microsoftcrmpartals.com/tsb-search/>.

Selection Information

Emphasis should be placed upon providing information concerning your proposed project approach, similar projects your firm has recently performed and the availability and qualifications of your key staff. The proposal may include additional information, as deemed appropriate, subject to the overall length restriction established in Proposal Requirements.

The selection committee will review and evaluate the proposals submitted based on the following criteria and the weighted value assigned to each.

Include a detailed statement for each evaluation criteria.

- 20% Structural Engineer's qualifications and experience.
- 25% Remainder of the Consultant team's qualification and experience inspecting major river crossing projects.
- 20% Familiarity with this type of work and expectations.
- 10% Demonstrated quality assurance process.
- 10% Approach and timeliness of project close out.
- 10% Approach to communications with project sponsor (Iowa DOT), contractor, and design consultants.
- 5% Experience in partnering and conflict resolution.

The selection committee does not anticipate the need for oral interviews.

Proposal Requirements

Please provide the following information in the order listed:

1. All responders must provide adequate information on the response's cover page to clearly identify the submittal is for the IA 9 over Mississippi River Construction Engineering and Inspection Services along with the replying firm and an email for the point of contact for the firm.
2. Include your firm's approach to addressing the identified tasks, your eligibility to meet the requirements of the "Required Work Categories" for the work you intend to perform, your understanding of the project's scope, key issues and relevancy to Iowa's transportation system. Briefly discuss similar projects the members on your team have completed in the past five years. This listing should be limited to the three most applicable projects.
3. Include the name, qualifications, experience, office address and availability of the contract manager as well as the manager in charge of each major work task. This information should include the identification of similar projects managed or participated in by these individuals. The selection of a contract manager and work task managers by a firm will constitute a commitment by that firm and NO substitute managers will be allowed without prior written approval by the Iowa DOT.

4. Include experience and qualifications as related to the “Required Work Categories” for any sub-consultants to be used and work they will perform.
5. Include a detailed resume, summary of current workload and a time commitment for each professional or technical person to be assigned to the project. Identify the principal or manager who will serve as the project manager.
6. A disclosure of all work for other clients that may be affected by work on the proposed contract to avoid a potential conflict of interest.
7. Inclusion of promotional literature of a general nature will not be considered in the selection process.
8. If applicable, include a statement that the consultant will meet the DBE goal. If the consultant cannot meet the minimum goal, include a commitment statement for the percentage of participation that they can meet.

The proposal may include additional information, as deemed appropriate, subject to the overall length restriction established in Proposal Requirements.

Cost information should not be submitted as part of the proposal, and if submitted, will not be considered. Inclusion of promotional literature of a general nature will also not be considered in the selection process.

The proposal must be submitted as a single electronic PDF and be formatted to print on 8.5” x 11” pages with a minimum size 12 font. The proposal must be limited to 20 single-sided pages. All pages will be counted including proposal covers, cover letter, dividers, appendices, etc. The maximum size limit of a **proposal is 7.5 megabytes**. Not following the requirements is grounds for a proposal being dismissed.

The electronic proposal must be submitted via email to jacqui.digiacinto@iowadot.us. An email will be sent confirming receipt of the proposal within 30 minutes or by 3:00 p.m. on the submittal deadline date, whichever is later.

Proposals are due by 3:00 pm on September 15, 2022.

Any technical questions or questions regarding this RFP shall be submitted via email to jacqui.digiacinto@iowadot.us. Any questions about this RFP must be received by noon September 8, 2022. Questions and answers regarding this RFP will be posted with the RFP on the Consultant Utilization website, <https://apps.iowadot.gov/rfp>.

Contacting any selection team member other than the RFP contact person is inappropriate. Marketing meetings with the Iowa DOT while this RFP is active is also considered inappropriate.

Any proposal not complying with all requirements stated in the RFP may not be accepted.

Public Records Law

The Iowa DOT will treat all information submitted by a consultant as open records following the conclusion of the selection process. Open records are public records that are open for public examination and copying. The Iowa DOT's release of records is governed by Iowa Code Chapter 22 and 761 IAC Chapter 4. Consultants are encouraged to familiarize themselves with these laws before submitting a proposal.

Statement of Non-Discrimination

The selection and contract are subject to the provisions of Executive Order 11246 (Affirmative Action to Insure Equal Employment Opportunity). Federal and state laws prohibit employment and/or public accommodation discrimination on the basis of age, color, creed, disability, gender identity, national origin, pregnancy, race, religion, sex, sexual orientation or veteran's status. If you believe you have been discriminated against, please contact the Iowa Civil Rights Commission at 800-457-4416 or Iowa DOT's affirmative action officer at 515-239-1175. If you need accommodations because of a disability to access the Iowa DOT's services, contact the agency's civil rights/ADA coordinator at 515-239-1921. TTY/TDD: 515-239-1514

References

PPM 300.04 – Prequalification of Architectural, Engineering and Related Professional and Technical Firms <https://iowadot.gov/projectdev/300.04.PDF>

PPM 300.12 – Negotiated Contracts for Architectural, Engineering, and Related Professional and Technical Services <https://iowadot.gov/projectdev/300.12.pdf>