



105 West Capitol Avenue
P.O. Box 270
Jefferson City, Missouri 65102

Missouri Department of Transportation
Patrick K. McKenna, Director

1.888.ASK MODOT (275.6636)

January 20, 2023

Dear Consultant:

The Missouri Highways and Transportation Commission is requesting the services of a consulting engineering firm to perform the described professional services for the project included on the attached list.

If your firm would like to be considered for these consulting services, you may express your interest by responding to the appropriate office, which is indicated on the attachments. Limit your letter of interest to no more than three pages. This letter should include a statement to indicate your firm's understanding of the project. It should also include any other information which might help us in the selection process, including key personnel you would assign to the project and the backgrounds of those individuals, and any sub-consultants you would propose to use, and an indication of your firm's approach to promoting and developing a diverse workforce. MoDOT is committed to reflecting the diversity of the communities we serve and we expect our partners to do the same. We will utilize the consultant information already on file so we will not need a lengthy submittal of other general company information. In addition, please attach one page with detailed information on similar projects that your key personnel have worked on. Indicate the role your key personnel played in the projects and include reference contact information.

DBE firms must be certified by the Missouri Department of Transportation in order to be counted as participation towards an established DBE Goal. We encourage DBE firms to submit letters of interest as prime consultants for any projects they feel can be managed by their firm. We also encourage both DBE firms and non-DBE firms to consider joining MoDOT's Mentor/Protégé program whenever possible as part of a MoDOT project.

To ensure fair competition on Alternative Project Delivery projects, all consultants and sub consultants performing work on this project must be willing to be disqualified from competition on a project using Alternative Project Delivery methods resulting from any of the work in this contract. MoDOT reserves the right to sole discretion on this matter. The selected consultant and subconsultants will need to sign a confidentiality agreement.

MoDOT will evaluate firms based on: Project Understanding, Qualifications of Personnel Assigned, Project Management and Capability, Innovation and Risk Management, and General Experience of Firm. Firm's not providing a response on approach to workforce diversity will be considered non-responsive to this solicitation. Firm's that are not current on all of the required prequalification categories found in [MoDOT's Approved Consultant Prequalification List](#) at the date of the solicitation expiration will be considered non-responsive.

We request all letters be received by 3:00 pm, 02/24/2023 electronically.

Sincerely,

Travis Koestner, P.E.
State Design Engineer
Attachment

DISTRICT OFFICE

KC District
Chris Redline – District Engineer
Missouri Department of Transportation
600 NE Colbern Rd.
Lee's Summit, MO 64086

Contacts

Karlee Covington – Transportation Project Manager
816-607-2217
Karlee.Covington@modot.mo.gov

Travis Stump – Structural Hydraulic and Preliminary Design Engineer
573-522-8716
Travis.Stump@modot.mo.gov

Email responses are encouraged

District Kansas City

| Jackson County, Route MO 291 | | | | | | | | | | | |
|---------------------------------------|---|----------------------------|------------|--------------------------------|-----|-------------------------------------|-----|-------------------|------------|-------------------------------|------------|
| Job No: | J4P3471 | | | | | | | | | | |
| Location: | MO 291 NB/SB River Bridges over Missouri River | | | | | | | | | | |
| Proposed Improvement: | Replacement (L0568) and Rehabilitation (A4757) of Missouri River Bridges | | | | | | | | | | |
| Length: | 1.0 miles | | | | | | | | | | |
| Approximate Construction Cost: | \$74,348,000 | | | | | | | | | | |
| DBE Goal (if applicable) | 10% | | | | | | | | | | |
| Consultant Services Required: | <p>The consultant will provide professional, technical, and other personnel, equipment, material, and all other things necessary for preparing the CE2, preliminary plans, and all NEPA documentation for the Jackson County MO 291 Bridges.</p> <p>The consultant may assist the MoDOT Design-Build Project Director throughout Procurement, Design and Construction phases of the project. Consultant should be familiar with the Design-Build method of delivery and be able to provide expert services in multiple areas.</p> <p>The solicitation letter of interest response shall be submitted to MoDOT by 3:00 PM to KCSolicitation@modot.mo.gov.</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Solicitation response date</td> <td>02/24/2023</td> </tr> <tr> <td>Notification of shortlist date</td> <td>TBD</td> </tr> <tr> <td>Date of interviews or presentations</td> <td>TBD</td> </tr> <tr> <td>Date of selection</td> <td>03/31/2023</td> </tr> <tr> <td>Execution of Contract by date</td> <td>06/30/2023</td> </tr> </table> | Solicitation response date | 02/24/2023 | Notification of shortlist date | TBD | Date of interviews or presentations | TBD | Date of selection | 03/31/2023 | Execution of Contract by date | 06/30/2023 |
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| Other Comments: | <p>Consultant should be capable of performing a variety of tasks including but not limited to: See Next 2 Pages</p> <p>Some of the following tasks may be conditional of the Project Delivery Determination.</p> | | | | | | | | | | |

ENVIRONMENTAL

- Coordination and review of proposal/design/construction activities by the Proposer/Contractor relevant to potential environmental impacts
- Provide written CE2 NEPA documentation
- Provide support in attaining all necessary permits for the project
- Survey for streams and wetlands within project footprint. Wetland delineation with complete report on stream and wetland impacts
- Review of design plans for compliance with environmental permits
- Assist with 4f requirements and permitting
- Provide any Noise study/report required
- Assist with USCG permitting
- Provide expertise in applying for and receiving USACE 408 permissions and 404 permits on major river bridges
- Complete Section 106 work including drafting the MOA and mitigation for bridge L0568
- Levee District coordination and permitting

PRELIMINARY ENGINEERING

- Identify, analyze, and mitigate (or recommend mitigation for) risk items
- Preliminary investigations such as as-builts, Right of Way, environmental, bridge scoping, utility investigations, public involvement, and other activities to identify problems which need to be addressed
- Produce recommended solutions and a Conceptual Study Report and Conceptual Cost Estimate
- Preparation of Public Involvement strategies and content

BRIDGE DESIGN

- Extensive bridge knowledge and expertise to provide NBI inspection
- General oversight of major bridge design
- Provide vessel collision model
- Extensive bridge knowledge and expertise to provide advice and recommendations during procurement and construction is required
- Provide bridge calculations or data as necessary to obtain permits for the project
- Provide hydraulic calculations / modeling as necessary
- Provide recommendations for bridge constructability issues and/or questions
- Provide preliminary bridge cost estimates for the structures on the project if necessary
- Evaluation and recommendations to the Project Director concerning Additional Applicable Standards (AAS), Design Exceptions and proposed Equal or Better Change Proposals (EBCP)
- Review bridge design calculations, drawings, and reports during construction as part of MoDOT's oversight, audit, inspection and testing reviews for the project and provide recommendations (may include review of temporary false work drawings/calculations and/or engineering bridge slide reports)

GEOTECHNICAL

- Provide Geotechnical Engineering support during procurement, design, and construction
- Provide MoDOT recommendations for geotechnical inquiries
- Provide any calculations or data as necessary to obtain permits for the project
- Provide any borings necessary -land and/or river

ROADWAY DESIGN

- Extensive roadway design knowledge and expertise to provide advice and recommendations during procurement and construction is required
- Evaluation and recommendations to the Project Director concerning AAS, Design Exceptions and proposed EBCP
- Provide general oversight of the roadway design activities
- Review and coordination of design activities
- Review and processing of various design-related requests for information from the contractor during the design phase
- Provide traffic engineering expertise during the design phase
- Prepare Preliminary and Right of Way plans

SURVEYING

- Provide survey control, topography survey (LiDAR), right of way and bridge survey
- Provide hydrologic surveys/bathymetric surveys

RIGHT OF WAY

- Progress Report Meetings with MoDOT – RW Discussion prior to ADate Approval
- Title Commitments, Appraisal Services, Negotiations, Relocation Services, Mediation, and Condemnation/Legal Processing

UTILITY COORDINATION

- Provide utility coordination as necessary
- Investigate prior right information and rough cost estimates of relocations

DESIGN-BUILD SUPPORT

- Provide a highly organized project management plan clearly defining roles and responsibilities of Owner-Engineer Team
- Demonstrate interdisciplinary relationships for the development of the Procurement
- Facilitate, participate, organize, and document Risk Assessment and Risk Allocation for the Project
- Manage the Contractor team to ensure that Project Goals, values, and technical requirements are upheld
- Develop and foster a partnership with MoDOT and the Design-Build Team selected
- Familiarity with scheduling software. Ability to review, comment on and recommend approval of the Preliminary Baseline Schedule, Original Baseline Schedule, Monthly Progress Schedules, and any other schedules or scheduling activity that is required for this project