



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)

September 11, 2024

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 four 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 & Innovation, Past Performance, Qualifications of Personnel Assigned, General Experience of Firm, Familiarity/Capability, Accessibility of Firm & Staff. 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, October 9, 2024 electronically.

Sincerely,

Signed by:

D6B5C4961F0D41E...

Kenny Voss, P.E.

State Design Engineer

Attachment

DISTRICT OFFICES

Southeast District
Mark Croarkin – District Engineer
Missouri Department of Transportation
2675 N. Main
Sikeston, MO 639801

Contact
Donna Philpot – Project Manager
573-258-0544
donna.philpot@modot.mo.gov

Stacy McMillian – Structural Liaison
stacy.mcmillan@modot.mo.gov

Email responses are encouraged.

Southeast District

Ozark County, US 160											
Job No:	JSE0185										
Location:	Over Bull Shoals Lake										
Proposed Improvement:	Bridge Replacement of K0817										
Length:	1.0 Miles										
Approximate Construction Cost:	\$70,890,000										
DBE Goal (if applicable)	5%										
Consultant Services Required:	<p>The consultant will provide professional, technical, and other personnel, equipment, material, and all other things necessary for determining NEPA classification, NEPA documentation, environmental permitting, surveying, hydraulic modeling, utility coordination, public involvement, geotechnical investigations, project delivery determination, preliminary roadway and bridge plans, estimating and scheduling.</p> <p>If the Project Delivery Determination results in Design-Build being the method of delivery 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>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.</p> <p>The letter of interest response shall be submitted to MoDOT by 3.00 PM to BullShoalsBridge@modot.mo.gov</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Solicitation response date</td> <td>10/9/2024</td> </tr> <tr> <td>Notification of shortlist date</td> <td>10/30/2024</td> </tr> <tr> <td>Date of interviews or presentations</td> <td>11/13/2024</td> </tr> <tr> <td>Date of selection</td> <td>12/4/2024</td> </tr> <tr> <td>Execution of Contract by date</td> <td>3/3/2025</td> </tr> </table>	Solicitation response date	10/9/2024	Notification of shortlist date	10/30/2024	Date of interviews or presentations	11/13/2024	Date of selection	12/4/2024	Execution of Contract by date	3/3/2025
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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

- Determine NEPA Classification
- Provide all 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/6f requirements and permitting
- Provide any Noise study/report required
- Assist with USCG permitting if applicable
- Provide expertise in applying for and receiving USACE 408 permissions and 404 permits on major bridges
- Complete Section 106 work including drafting the MOA and mitigation
- Levee District coordination and permitting if applicable
- Assist with USFW mitigation requirements
- Coordination and review of proposal/design/construction activities by the Proposer/Contractor relevant to potential environmental impacts

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 risks 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

- General oversight of major bridge design
- 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)

UTILITY COORDINATION

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

GEOTECHNICAL

- Provide Geotechnical Engineering support for 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/lake

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/bathometric surveys
- SUE

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
- Public Involvement for acquisitions

PROJECT DELIVERY METHOD DETERMINATION

- Present a structured approach to assist MoDOT in making project delivery decisions
- Assist MoDOT in determining if there is a dominate or optimal choice of a delivery method
- Provide documentation of the selection decision

DESIGN-BUILD SUPPORT – if applicable

- 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

Rating Criteria w/Weighted Values

Project Understanding **25 Points**

Max

- Variety of scope in the projects listed
- Various Alternative Delivery Methods (especially Design-Build) including understanding of processes, variety of bridging documents and schedule, risk identification, and strategies to retire risk
- Understanding of definition of scope of proposed project

Qualifications of Personnel Assigned **25 Points**

Max

- Experience with design-bid-build and design-build contracting in the transportation industry
- Experience in risk analysis and mitigation
- Experience in providing successful innovations to increase value
- Past performance of personnel on MoDOT projects

Project Management/Capability **20 Points**

Max

- Effectiveness of overall approach to managing the development of contract documents
- Ability to mobilize quickly to meet aggressive schedules
- Effectiveness of team communication and arrangements with both MoDOT and subconsultants
- Effectiveness of quality control/assurance approach
- Approach to managing the development of multiple projects concurrently
- Experience with USACE and 404/408 permitting

Innovation/Risk Management **20 Points**

Max

- Ability to bring cost-effective innovations to improve the individual projects and MoDOT's Alternative Project Delivery program
- Ability to effectively provide and partner to provide innovative solutions to mitigate risks
- Experience with successfully implementing alternative contracting and risk management initiatives
- Effectiveness of proposed innovations

General Experience of Firm **10 Points**

Max

- Experience with design-bid-build and design-build contracting in the transportation industry
- Experience developing complex road and bridge contract documents
- Effectiveness of approach and resources to meet schedule demands and potential tasks
- Past performance of firm on MoDOT projects

100 Points Max Total