



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)

August 11, 2021

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.

In order 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.

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, August 25, 2021 electronically.

Sincerely,

2021.08.11
12:00:44-05'00'

Travis Koestner, P.E.
State Design Engineer

Attachment

Our mission is to provide a world-class transportation system that is safe, innovative, reliable and dedicated to a prosperous Missouri.

www.modot.org

DISTRICT OFFICES

District SL
Tom Blair – District Engineer
Missouri Department of Transportation
1590 Woodlake Dr.
St. Louis, MO 63017

Contact
Jenn Becker, P.E.
314-453-5099
Jennifer.Becker@modot.mo.gov
Email responses are encouraged

District SL

Various Routes in St. Louis District	
Job No:	J6P3496, J6P3496B
Location:	Various
Proposed Improvement:	Safety improvements at various locations in the St. Louis District and various county owned roads in St. Louis County
Length:	Various
Approximate Construction Cost:	\$18,746,000
DBE Goal (if applicable)	16%
Consultant Services Required:	See detailed descriptions on subsequent pages.
Additional Services:	<p>The following services described below are in addition to the Consultant Services Required and shall not be considered for scoring and selection:</p> <p>MoDOT may use a supplemental with the Consultant Team to add additional work in accordance with this solicitation.</p> <p>MoDOT may use a supplemental with the Consultant Team to complete the project using an Alternative Delivery method such as Design-Build.</p> <p>MoDOT may use a supplemental agreement with the Consultant Team to complete construction support/construction inspection services (some activities vary by delivery method).</p> <p>More information can be found on the subsequent pages.</p>
Other Comments:	<p>Tentative Date of Consultant Selection – Sept 17, 2021</p> <p>Please submit letter of interest via email to: Jennifer.Becker@modot.mo.gov</p>

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
- Approach to safety analysis including historic and systemic safety issues

Qualifications of Personnel Assigned

25 Points Max

- Experience in highway safety analysis
- 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
- Ability to work with multiple agencies

Innovation/Risk Management

20 Points Max

- Ability to bring cost-effective innovations to improve the individual project 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

J6P3496 – Safety Improvements in the St. Louis District
\$ 20,458,000 budgeted for Construction – 16% DBE Goal
J6P3496B – Safety Improvements in St. Louis County
\$ 3,520,00 budgeted for Construction – 16% DBE Goal

The initial engineering responsibilities include:

- Analyze St. Louis District serious crash data, with a focus on the high-crash locations, trending circumstances, and prevalent crash types occurring over the past 5 years.
- Analyze St. Louis County roadways serious crash data, with a focus on the high-crash locations, trending circumstances, and prevalent crash types occurring over the past 5 years.
- Derive initial recommendation of effective safety countermeasures based on the initial analysis.
- Identify efficient project bundling strategies for maximum value with proposed project.
- Perform Preliminary Engineering including survey, roadway and bridge design, traffic analysis, utility coordination, and environmental services/permits.
- Preparation of public involvement strategies and content.
- Perform risk assessment to include identification, analysis, and mitigation (or recommendation for mitigation) of any risk items associated with the proposed project.

Additional possible deliverables for Design-Build contracting mechanism:

- Perform detailed analysis of the recommendations to develop a baseline of existing conditions.
- Review safety calculations and analysis submitted by competing project proposals to confirm accuracy and validity in proposals.
- Assist in determining proposal that results in the best return on investment related to highway safety.
- Assist with Design Reviews and Construction Administration.

Additional possible deliverables for Design-Bid-Build contracting mechanism:

- Perform detailed analysis of the recommendations to develop a baseline of existing conditions and expected performance of safety countermeasures.
- Prepare final plans, specifications, estimates, and other documentation for project construction.
- Inspect construction for quality and compliance with contract documents. This could include field inspections of all work and contract activities, on-site materials testing (QA), project documentation, material reporting, measurement and payment, change order and estimate generation, attendance of meetings, and close out of customer service call reports. The consultant will be required to use MoDOT's AASHTOWare Project program for all project documentation and record keeping. On site materials testing by the consultant must be performed by personnel certified through MoDOT's Technician Certification Program.

Project Timeline:

- Conceptual Estimate – January 15, 2021

- Conceptual Study Report/Project Delivery Determination – March 2022
- Preliminary Investigations/Risk Assessment – Winter/Spring 2022
- Right of Way Plans – Spring 2023
- Award – FY23