



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

Missouri Department of Transportation
Edward Hassinger, P.E. Interim Director

1.888.ASK MODOT (275.6636)

September 23, 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.

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, November 19, 2024, at the appropriate office.

Sincerely,

Kenny Voss, 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

Improve I-70 Program

Improve I-70
Eric Kopinski, P.E. – Program Director
Missouri Department of Transportation
830 MoDOT Drive
Jefferson City, MO 65109

Contact
Zach Osman, P.E. – Design Lead
573-751-7699
Zachary.osman@modot.mo.gov
Email responses are encouraged

Statewide - Interstate 70	
Job No:	ST0017 and ST0125
Location:	ST0017: I-70 from east of Rocheport Bridge to US 63 interchange ST0125: I-70 statewide
Proposed Improvement:	ST0017: Add lane of travel to each direction of I-70, pavement improvements. Bridge improvements/replacements. ST0125: Improve truck parking facilities at various locations statewide along I-70.
Length:	ST0017: Approximately 13 miles ST0125: Various
Approximate Construction Cost:	ST0017: \$470 million ST0125: \$26 million
DBE Goal (if applicable)	10.0%
Consultant Services Required:	See additional description on subsequent pages: <ul style="list-style-type: none"> • Serve as owners engineer throughout procurement and construction. • Ability to deliver aggressive schedule. • Perform preliminary engineering, including surveying, preliminary roadway and bridge design (preliminary plans and bridge memos), utility and SUE investigation, geotechnical investigation, review previously developed traffic modeling (VISSIM, Synchro) and Highway Safety Manual (HSM) safety analysis. • Perform detailed analysis of preliminary design to appropriately allocate risk. • Produce preliminary construction cost estimate. • Complete and/or assist with environmental and historic preservation surveys, clearance, and permits. • Identify right-of-way impacts along the project. • Public, city, and community involvement and outreach, including meetings/hearings.

	<ul style="list-style-type: none"> • Identify, analyze, and recommend mitigation for risk items. • Participate in risk assessment process and associated activities as needed. • Assist with design reviews and construction administration. • Evaluate existing truck parking opportunities within existing right-of-way. • Analyze effectiveness of truck parking technology utilized in other states and proposed by design-build teams.
<p>Other Comments:</p>	<p>To ensure fair competition on an Alternative Program Delivery (APD) project, consultants providing services as an Owners Engineer (OE) shall not be eligible to participate as a competing participant in an APD project for this segment. Consultants and subconsultants providing services as a supplement to this original contract, shall be disqualified from participating in the competition. MODOT reserves the right of sole discretion on this manner.</p> <p>The solicitation letter of interest response shall be submitted MoDOT by email to: Zachary.Osman@modot.mo.gov by 3:00 PM, November 19, 2024.</p> <p>The notification of the selected consultant team is scheduled for November 22, 2024. Execution of the contract is expected by December 31, 2024.</p>

Rating Criteria with Weighted Values

Project Understanding

30 Points Max

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

Qualifications of Personnel Assigned

20 Points Max

- Experience with 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 manage multiple partners and obtain deliverables.
- Effectiveness of team communication and arrangement with both MoDOT and subconsultants.
- Effectiveness of quality control/assurance approach.
- Approach to managing the development of multiple projects concurrently.

Innovation/Risk Management Understanding

20 Points Max

- Ability to bring cost-effective innovations to improve the individual projects and MoDOT's Alternative Project Delivery (APD) 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-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

ST0017 – Capacity and pavement improvements to I-70 from east of Roacheport Bridge to west of US 63 and I-70 interchange. Currently, \$400 million to \$500 million estimated for construction.

Draft Project Timeline:

- Issue RFQ: Late 2025
- Shortlist: Late 2025
- Issue RFP: January 2026
- Project Award: May 2026

General:

- Ability to deliver aggressive schedules.
- Facilitate monthly core team meetings.
- Attend occasional coordination meetings with third parties.

Roadway/Bridge Design:

- Development of preliminary plans including bridge memos, noise walls, ITS needs, review traffic modeling, and review safety analysis.
- Produce preliminary construction cost estimates.
- Review of design-build RFP
- Reasonably assist with design exceptions, AAS, and RFC from shortlisted teams.
- Prepare preliminary hydraulic report for project.
- Assist with right-of-way impacts and preliminary cost estimates.

Environmental:

- The EIS re-evaluation has been completed for this location.
- Provide reasonable assistance with performing additional detailed evaluations of noise and other impacts.

Survey/Utilities

- Corridor survey has been completed.
- Provide detailed survey for critical utilities.
- Identify and provide information for each utility within project.

Geotechnical/Construction

- MoDOT will take lead on this. Reasonably assist as requested.

ST0125 – Truck Parking improvement along I-70 statewide. Currently, \$25 million estimated for construction.

Draft Project Timeline:

- Issue RFQ: Summer 2025
- Shortlist: Summer 2025
- Issue RFP: August 2025
- Project Award: October 2025

General:

- Ability to deliver aggressive schedules.
- Facilitate monthly core team meetings.
- Assist with coordination of meeting with third party trucking partners.
- Evaluate MoDOT's current truck parking study within right-of-way footprint.
- Assist with evaluating best practices from other DOTs with truck parking projects and technology.
- Support in responding to AAS, RFCs, and design exceptions from short listed teams.
- Produce preliminary construction cost estimates.
- Review of design-build RFP