



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

Missouri Department of Transportation
Ed Hassinger, Interim Director

1.888.ASK MODOT (275.6636)

September 24, 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. In addition to the letter, a list of six questions will be provided that may be answered in writing not to exceed three additional pages. 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 Management/Capability, Qualification of Firm and of Personnel Assigned, Relevant Experience & Project Understanding, and response to Questions. 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.

The Legislative Designated Funds appropriated for many of these projects are subject to reappropriation by the Missouri State Legislature in future State Fiscal Years.

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

www.modot.org

We request all letters be received by 3:00 pm, October 22, 2024 at the appropriate office.

Sincerely,

Kenny Voss, P.E.
State Design Engineer

Attachment

DISTRICT OFFICES

Machelle Watkins, P.E. – District Engineer
Missouri Department of Transportation
1511 Missouri Blvd.
Jefferson City, MO 65109

Contact

David J. Simmons, P.E. – Design Liaison Engineer
314-220-6572

david.j.simmons@modot.mo.gov

Responses shall be submitted by Email

District CD

Laclede, Pulaski, Phelps, Crawford Counties, Route I-44	
Job No:	<p>J5I53228 I-44 improvements at the Rte. 72 interchange in Rolla Phelps County.</p> <p>JCD0158 I-44 improvements from 0.6 mile west of Rte. 133 to County Road 8490 in Doolittle. Laclede County.</p> <p>JCD0218 I-44 improvements from west of the Webster County line to west of the Pulaski County line in Laclede County.</p> <p>JST0087 I-44 improvements from Rte. T in Doolittle to Rte. 68 in St. James in Phelps County.</p> <p>JST0118: I-44 improvements on eastbound lanes from the Laclede County line to 2 miles west of Rte. A in Laclede County.</p> <p>JST0119: I-44 improvements on westbound lanes from 2 miles east of Rte. N to 2 miles east of Rte. F in Laclede County.</p> <p>JST0121: I-44 improvements on westbound lanes from US 63 interchange to Sugar Tree Road interchange in Phelps County.</p> <p>JST0122: I-44 improvements at Rte. V in Rolla in Phelps County.</p> <p>JST0123: I-44 improvements at Rte. 68 in St. James in Phelps County.</p> <p>Projects developed from the recommendations of JST0058 may be included through a supplemental agreement. JST0058 is the I-44 environmental impact study from the Oklahoma state line to Route 100 East Exit 253 at Gray Summit. See https://www.modot.org/forward44 for more information.</p>
Length:	Length of I-44 in the Central District (approx. 112 miles)
Approximate Construction Cost:	\$250,000,000
DBE Goal (if applicable)	8.0%
Consultant Services Required:	<p>The consultant will be required to perform the following services:</p> <ul style="list-style-type: none"> • Assist MoDOT as an extension of Department staff to develop, procure and deliver project(s). • Deliver project documentation on a very aggressive schedule. • Serve as procurement and construction support as an Owner Consultant. • Assist with design reviews and contract administration.

	<ul style="list-style-type: none"> • Control and manage project documentation. • Facilitate risk management processes and activities. Identify, analyze, and recommend mitigation for risk items. • Plan and participate in public involvement efforts. Develop and implement PI plans. • Surveying - including for design, legal descriptions, construction surveying, and bridge surveys. • Utility Investigation and coordination (SUE as needed). • Geotechnical Services and Pavement Investigations. • Environmental Services – completing environmental clearances for NEPA and may be required to do preliminary work towards obtaining permits. • Traffic Analysis – Traffic modeling and Highway Safety Manual (HSM) safety analysis. Review and update existing TS&O and AJR reports for submittal. Develop TS&O and AJR reports where needed. • Roadway design. • Bridge checklists and design. Hydraulic reports. • Assist in Resiliency (Flooding, Defense, etc.) • Develop construction estimates. Assist in management of program budgets. • Railroad Coordination • Develop Right of Way plans. • Right of Way acquisition – A supplemental agreement is required. • Construction Inspection – A supplemental agreement is required. • Assist with grant management as needs.
<p>Other Comments:</p>	<p>MoDOT will facilitate 30-minute Meet & Greet Sessions with interested consultants in person or virtually September 30 – October 3, 2024. The purpose of these sessions is to answer consultant questions and learn about the consultant teams. The solicitation provides the contact person for the following sessions:</p> <ul style="list-style-type: none"> • I-44 Southwest District: September 30, 2024 • I-44 St. Louis District: October 2, 2024 • I-44 Central District: October 3, 2024 <p>Consultants may submit for more than one of the three I-44 and one I-70 solicitations. If submitting for more than one of these projects, consultants must understand the intensity of each project and</p>

the expectation that all deadlines must be met. Therefore, consultants should identify each project as 1st/2nd/3rd/4th priority in their submittal.

To ensure fair competition on an Alternative Project Delivery (APD) project, consultants providing services as an Owner's Engineer (OE) shall not be eligible to participate as a competing participant in an APD project. Consultants and subconsultants providing services as a supplement to this original contract may be disqualified from participating in the competition. MoDOT reserves the right of sole discretion on this matter.

The solicitation letter of interest response shall be submitted to MoDOT by email to david.j.simmons@modot.mo.gov by 3:00 PM on Tuesday, October 22, 2024.

The Date of Consultant Selection Notification is scheduled for Wednesday, October 30, 2024.

The fee exhibit shall be submitted by the selected consultant team by Tuesday, November 12, 2024.

All contract reviews and responses will have a 1-week deadline.

Execution of the contract is expected by December 15, 2024.

Tentative Project Timeline:

- Pre-procurement support – Upon NTP
- Procurement – Winter/Spring 2027
- Right of Way Plans – TBD
- Design-Build Award – Summer/Fall 2027

Initial responsibilities:

- Analyze recommendations from Forward 44 and STIP projects identified in this solicitation to recommend project delivery strategies.
- Perform preliminary investigations such as Right of Way, environmental, traffic

	<p>analysis, bridge scoping, utility investigations, public involvement, and other activities to identify problems which need to be addressed.</p> <ul style="list-style-type: none"> • Prepare environmental studies and permit applications as needed. • Recommend solutions with a Conceptual Study Report and Conceptual Cost Estimate. • Identify, analyze, and mitigate (or recommend mitigation for) risk items • Prepare for project delivery including survey, roadway and bridge design, utility coordination, Access Justification Report (AJR), environmental services/permits. • Prepare public involvement strategies and content <p>More information can be found on the subsequent pages.</p>
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Rating Criteria w/Weighted Values

Project Management/Capability

35 Points Max

- Effectiveness of developing, procuring and delivering projects on time and on budget.
- Effectiveness of overall approach to managing the development of contract documents.
- Effectiveness of team communication and coordination with both MoDOT and subconsultants
- Effectiveness of quality control/assurance approach.
- Approach to managing the development of multiple projects concurrently.
- Organized approach to delivering projects on an aggressive schedule.

Qualification of Firm and of Personnel Assigned

30 Points Max

- Past performance of firm on MoDOT projects with respect to controlling costs, quality of work, and ability to meet aggressive schedules.
- Past performance of personnel (discipline-specific) on MoDOT projects.
- Availability of personnel and current commitments to other MoDOT projects (firm's capacity to perform this work).
- Organizational framework providing project team information.
- Ability to effectively provide and partner to provide innovative solutions to mitigate risks.
- Experience of assigned personnel 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.
- Accessibility of the firm.

Relevant Experience & Project Understanding **20 Points Max**

- Relevant project experience and scope in example projects.
- Experience with various delivery methods (especially Design-Build) including understanding of processes, documentation and schedule, risk identification, and risk management strategies.
- Understanding of and familiarity with proposed projects and district-specific challenges.
- Understanding the role of an Owner Consultant as it relates to district needs.

Response to Questions **15 Points Max**

- How is your team organized to help MoDOT create a strategic vision for this corridor and subsequently develop future projects for delivery?
- If selected for this contract, what will your team do in the first 90 days to ensure success in meeting the project schedule?
- Provide two examples of how you have scaled up your team to respond to the needs of a complex project with an aggressive schedule. How will you apply that experience to ensure you are successful in meeting this project's schedule in the event scope is added?
- Tell us your experience in building positive stakeholder consensus while continuing to promote MoDOT's position as a leader in transportation.
- With regards to safety, service, and stability, explain your approach to delivering successful results.
- How would your team approach coordination with other teams along the I-44 corridor?

100 Points Max Total