



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)

February 8, 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.

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, March 1, 2023 at the appropriate office.

Sincerely,

DocuSigned by:

7235401073964B4...
Travis Koestner, P.E.
State Design Engineer

Attachment

DISTRICT OFFICES

Southwest District – Joplin Regional Office
Greg Chapman – District Administrative Officer
Missouri Department of Transportation
2915 Doughboy Drive
Joplin, MO 64801

Contact

Craig Switzer – Transportation Project Manager
(417) 621-6331
craig.switzer@modot.mo.gov

Email responses are encouraged
(receipt will be acknowledged if submitted by email)

Southwest District

Jasper County, Interstate 44	
Job No:	J7P0797M, JSR0102
Location:	Intersection of I-44 / I-49 / MO 59 (I-44 exit 18) in the village of Fidelity
Proposed Improvement:	<p>Interchange improvements.</p> <p>J7P0797M: Scoping to determine the ultimate interchange layout for the full build-out, breaking the full build-out into individual projects that can be awarded in phases, and determining the existing highest priority operational / safety need at the interchange.</p> <p>JSR0102: Take the existing highest priority operational / safety need identified in scoping and develop the design through approved preliminary plans.</p>
Length:	<p>J7P0797M: 6.606 miles</p> <p>JSR0102: 4.080 miles</p>
Approximate Construction Cost:	<p>J7P0797M: \$33,196,000 (full build-out, less JSR0102)</p> <p>JSR0102: \$19,942,000</p>
DBE Goal (if applicable)	0%
Consultant Services Required:	<p><u>All Projects:</u></p> <p>The consultant will conduct necessary utilities coordination. In the conceptual and preliminary stages, this work is anticipated to be limited to identification of existing utility facilities within the footprint of the proposed improvements, identifying impacts of the proposed improvements on existing utility facilities, and providing estimates for the relocation of utility facilities if required.</p> <p>The consultant will utilize the MoDOT Southwest District streamlining typical sections and traffic control plans.</p>

J7P0797M:

The consultant will collect traffic / turning movement counts at the three locations listed below (within the functional area of the interchange). The consultant will provide construction year and design year traffic projections using the MoDOT-provided growth rates.

- 1) Cloverleaf interchange (I-44 exit 18) at the intersection of I-44, I-49 North, and MO 59.
- 2) Diamond interchange (I-49 exit 47) at the intersection of I-49 and Cedar Road.
- 3) Intersection of MO 59 with the SW and SE Outer Roads (Burr Oak Road).

The consultant will conduct a Traffic Safety and Operational Analysis (TS&O) for the no-build, and for any alternatives evaluated as part of the Conceptual Study.

The consultant will submit the conceptual RES, and will conduct the necessary environmental and historic preservation screenings (desktop reviews) for all alternatives considered. The consultant will coordinate directly with MoDOT Environmental and Historic Preservation Staff for input and review of the screenings.

The consultant will develop a conceptual layout of the overall interchange improvements (full build-out), and break the overall layout into projects that can be accomplished using a phased approach with little or no re-work required between phases.

The layout of the overall interchange improvements will be designed to minimize right of way taking and utility impacts.

The consultant will prepare the necessary Conceptual Study Report and other required supporting documents. The consultant will also prepare the conceptual roadway and bridge construction cost estimates for each phase of the overall project.

The consultant will use the current year TS&O to identify the greatest operational / safety need at the interchange.

This need will move into preliminary design under the JSR0102 project as phase 1.

JSR0102:

The following tasks related to JSR0102 will be provided via supplemental agreement:

The consultant will prepare the necessary preliminary roadway design plans, roadway construction cost estimate, and other required supporting documents for phase 1 as identified in the J7P0797M Conceptual Study Report.

The consultant will prepare the necessary preliminary bridge design plans, MSE wall layout (if required), bridge memo, sounding layout, bridge construction cost estimate, and other required supporting documents.

The consultant will submit the preliminary RES. All environmental services evaluations will be provided by MoDOT. The consultant will be available to provide project-specific information for environmental clearances as requested.

MoDOT will provide the necessary right of way estimates (by parcel) as needed for the preliminary plans.

MoDOT will provide the preliminary geotechnical report.

The following tasks related to JSR0102 may be provided via supplemental agreement if needed:

- Public Meeting Participation, Exhibits
- Surveying
- Borings, Cores, Soil Testing, Foundation Investigation
- Right of Way Plans, Estimate
- Right of Way Appraisals, Negotiations, Acquisitions
- Environmental Evaluations
- Historic Preservation Evaluations
- NEPA
- PS&E Plans, Estimate, JSPs, Working Day Study
- Construction Inspection

MoDOT may elect to extend this contract via supplemental agreement should funding become available to design and/or

	construct additional phases of the overall interchange project.
Other Comments:	<p>Interviews or presentations will not be required for the consultant selection.</p> <p>Tentative Date of Consultant Selection: March 16, 2023</p> <p>The consultant will have two weeks from receipt of the Scope of Services to provide estimated hours and fees (Exhibit III) for the contract.</p> <p>Tentative Project Schedule: J7P0797M Conceptual Study Report: 8/31/2023</p> <p>Tentative Project Schedule: JSR0102: Preliminary Plans, BR Memo, Sounding Layout: 12/30/2023</p> <p>Tentative Schedule, Should the JSR0102 Contract Be Extended to Final Design: TS&L: 6/28/2024 Right of Way Plans: 1/1/2025 PS&E: 1/1/2026 Letting: 3/1/2026</p>

Rating Criteria w/Weighted Values

Project Understanding & Innovation	25 Points Max
Past Performance	25 Points Max
Qualifications of Personnel Assigned	20 Points Max
General Experience of Firm	10 Points Max
Familiarity/Capability	10 Points Max
Accessibility of Firm & Staff	<u>10 Points Max</u>
	100 Points Max Total