



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)

July 30, 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 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, August 25, 2021 at the appropriate office.

Sincerely,

Travis Koestner, P.E.
State Design Engineer

Attachment

DISTRICT OFFICE

District KC
Chris Redline, P.E., District Engineer
Missouri Department of Transportation
600 NE Colbern Rd.
Lee's Summit, MO 64086

Contact
Thankam Mathew
816-927-9197
Thankam.mathew@modot.mo.gov
Email responses are encouraged

District KC

Cass & Jackson Counties, I- 49, US 50, CST NW Chipman Rd.	
Job No:	J4I3332, J4P3009, J4P3009B
Location:	I-49 -Pavement resurfacing from 163rd Street to 283rd Street. US 50- Bridge replacement at Chipman Road NW Chipman Rd- Geometric improvements, signal upgrades, resurfacing, widening and pedestrian facilities
Proposed Improvement:	Pavement resurfacing, bridge replacement, Geometric and pedestrian improvements
Length:	J4I3332 - 19 mi.; J4P3009 - 0.07 mi.; J4P3009B - 0.25 mi.
Approximate Construction Cost:	J4I3332 - \$9,182,000; J4P3009 - \$4,974,000; J4P3009B - \$1,241,000
DBE Goal (if applicable)	0%
Consultant Services Required:	Construction and Materials Testing & Inspection See Attachment- Scope of Services
Other Comments:	Interviews or presentation will not be required for the consultant selection. Tentative Date of Consultant Selection- September 14, 2021

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

EXHIBIT I
SCOPE OF SERVICES
J4I3332, J4P3009, J4P3009B
Cass, Jackson County

The Consultant shall provide qualified personnel to assist the Commission with the inspection, testing and administration of Jobs J4I3332, J4P3009, J4P3009B in Cass, Jackson County.

J4I3332: Pavement resurfacing I-49 from 163rd Street to 0.2 mile north of 283rd street.

J4P3009: Bridge replacements on Route 50 at Chipman Road in Lee's Summit. Project involves bridges A3262 and A2482. **J4P3009B:** Geometric improvements on NW Chipman road, signals upgrades, pavement widening, pavement resurfacing and pedestrian facilities from Murray Road to just west of Blue Parkway. Consultant services shall be in accordance with the standard practices of the Commission as conveyed to the Consultant by the Commission.

1. The Consultant's Representative shall supervise all the activities of all personnel furnished by the Consultant. The Consultant's Representative will report and be directly responsible to the Engineer.
2. An inspector shall be present on site whenever work is being performed by the contractor, except during periods of extended delay or stoppage unless otherwise directed by the Engineer. The Consultant shall endeavor to maintain continuity of personnel on the inspection staff to minimize disruption of the Consultant's services. The Consultant shall provide inspectors that are qualified to perform the services and provide complete documentation of the time spent by each inspector performing the services.
3. Consultant inspection staff shall be Advanced Work Zone Certified and demonstrate good knowledge of proper traffic control implementation and flagger operations. They are expected to also drive the work zones and perform Work Zone Inspections and fill out applicable inspection forms.
4. Consultant staff shall perform on site Quality Assurance material testing and be properly certified through MoDOT's Technician Certification Program according to MoDOT's Instruction to Proposals (ITP) QA testing frequency.
5. Inspectors shall perform duties to comply with MoDOT's Engineering Policy Guide, Standard Specifications for Highway Construction, Mo DOT standards, the Manual on Uniform Traffic Control Devices and other related contract materials. During the performance of these services, the Consultant shall comply with applicable federal, state and local laws, rules, regulations and ordinances of the U.S. Environmental Protection Agency (EPA), the Occupational Safety and Health Administration (OSHA), the Missouri Department of Natural Resources (MDNR), and other regulatory authorities with jurisdiction over the project.
6. Always provide appropriate PPE for Consultant staff to be worn while working within Commission Rights of Way includes Class 3 Vest, hardhat, safety shoes and safety eyewear.
7. Attend Preconstruction Meetings and various contractor and MO DOT internal meetings throughout the course of the construction work.

8. Prepare and document all material reporting, daily work reports and all other project related correspondence for review and approval by the Engineer.
9. Manage construction records using MoDOT's preferred contract administration software, AASHTOWARE project.
10. Provide and maintain communication devices to keep in contact with Contractor and Engineer.
11. Provide and maintain all necessary computer equipment necessary for completion of the work. Consultant staff must have active email address for correspondence with Engineer.
12. Provide and maintain vehicle for Consultant staff equipped with revolving warning light meeting MoDOT specifications.
13. Enforce contract requirements and specifications with the contractors to ensure quality workmanship and timely completion of the work. When Consultant inspector determines the Contractor's, work is deviating from the contract requirements, the Consultant shall direct the Contractor to take corrective action. If differences in the interpretation of the contract requirements or specifications arise with the Contractor, the Consultant shall refer the matter to the Engineer immediately.
14. Conduct wage rate interviews, Commercial Useful Function reviews, bulletin board inspections, traffic control inspections, assist with final plans and paperwork etc. as required by the project and directed by the Engineer.
15. If applicable, Consultant staff will be required to attend MoDOT's Consent Decree training and perform weekly and post rain event erosion control inspections according to MoDOT's SWPPP. Consultant will enter reports into MoDOT's consent decree database and ensure contractor adheres to the Consent decree requirements.
16. MoDOT should be notified of any incidents/ accidents in the work zone and at the asphalt plant immediately.
17. Consultant shall document Contractor work progress, and weather delays. Scheduling and production changes should be communicated to MoDOT personnel as timely as possible. At Engineers request, the Consultant shall provide verbal or written reports to the engineer regarding Contractor's performance, progress and compliance with contract documents.
18. Schedule and cancel work zone law enforcement. Keep track of law enforcement hours worked in the work zone.
19. Notify KC Scout when lane closures are in place and removed from roadway.

20. Perform surveying activities as needed, including Class C and Class 3 in rock calculations.
21. Assist inspector in preparing the pay estimate, including field measuring quantities and providing those to the Engineer.
22. The scope of services shall include providing MoDOT a total of three (3) qualified inspectors to provide both roadway inspection (2 construction inspectors) and in bituminous plant inspection (1 materials inspector) per project at various locations. This need for consultant inspectors on project may change at the discretion of the Resident Engineer and District Construction and Materials Engineer / Assistant District Construction and Materials Engineer. At times the consultant inspector may report to either the construction project office in KC or the MoDOT District Office in Lee's Summit for Materials. The consultant inspector performing materials inspection shall report to the Assistant District Construction and Materials Engineer or his (her) assigned representative while the consultant inspector on the roadway will report to the Resident Engineer / Assistant Resident Engineer or to an assigned representative. At a minimum, the qualified inspector shall be certified by MoDOT's technician certification program in the following categories; Aggregate Technician, Bituminous Technician, Super pave QC/QA, concrete strength and concrete field. The Consultant inspector shall be available for both day and night hours, weekday and weekends, and holidays not recognized by the Contractor. He/she should expect to work most of the hours during night shift hours, defined as 7:00 pm to 7:00 am as a general guide. He/she is expected to remain at the production facility while material is being produced unless specified otherwise by MoDOT.
23. Consultant inspectors shall perform these duties in a manner to comply with the Missouri Standard Specifications for Highway Construction, the Engineering Policy Guide, contract specific requirements and other related material. Access to required documents will be made available. During performance of these services the consultant inspector shall comply with applicable federal, state and local laws, rules, regulations and ordinances.
24. The consultant inspector shall supply for strictly their own use; a pickup truck with acceptable yellow warning lights installed, cell phone with data capabilities including email, a laptop computer capable of accessing a wireless network, wireless connection capability, industry approved steel toe boots, hard hat, eye protection, hearing protection and both day and night reflective clothing meeting the requirements of Class 3. The consultant inspector will abide by all MoDOT policies while performing services under this contract, including but not limited to; seatbelt use, zero cell phone use while operating a vehicle, compliance with all MoDOT safety policy relative to the use of personal protective equipment (PPE) and maintain social distancing for the prevention of COVID-19.
25. The consultants are responsible to bring their own testing supplies like cooler, buckets, shovel, gloves and other testing supplies not mentioned here to complete all the testing requirements as per MoDOT specifications.

26. Inspection of the work conducted by the Consultant, whether notice of the results is provided to anyone or not provided to anyone, shall neither establish any duty on their part nor create any expectation of duty to anyone, including but not limited to third parties, regarding workplace safety. The Consultant shall not be responsible for the Contractor's means, methods, techniques, sequences or procedures of construction and testing, or the safety precautions and programs incident thereto, and the Consultant will not be responsible for the Contractor's performance of the work.
27. Testing of materials for Quality Assurance purposes. The consultant inspector shall follow the regulations set forth in Section 400, Section 500, Section 600, Section 700 and Section 1015 of the Missouri Standard Specifications for Highway Construction, the guidelines set forth in Category 400 and applicable articles of Category 1000 of MoDOT's Engineering Policy Guide, and the directives found under "Quality Management" on MoDOT's website. All three (3) of these references can be found at <http://www.modot.org/business>.
28. Consultant inspectors shall keep a daily record of activities related to this contract in a digital diary approved by MoDOT for this purpose. The diary will become part of the final project documentation and will remain in MoDOT's possession when the contract is complete. This diary stays with the Consultant inspector regardless where she/he is assigned and tracks work hours, locations, specific project information, test results, conversations, etc., any and all information and communications deemed pertinent to the process.
29. MoDOT will provide guidance and mentoring relative to daily expectations in the completion of inspection duties. Failure to comply with directives will be addressed through action outlined in paragraph #32.
30. Consultant inspectors will communicate daily with the designated MoDOT representative and report failing tests results as soon as practically possible, as well as any action taken by the producer and the Consultant inspector. This communication can include verbal, electronic, hard copy or all of these. It is expected the Consultant inspector will actively participate in "Quality Control" of the materials and not just be a tester and observer. This will require active and dynamic communications at times
31. Scheduling or production delays/ changes should be communicated to the MoDOT representative immediately, as timely as possible.
32. Failure to comply with expectations outlined in this document is grounds for invalidating the contract. Efforts will be made first to correct negative performance. Verbal and written communication will document these efforts and the timeline to contract termination.