



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)

September 5, 2023

Dear Consultant:


The Missouri Highways and Transportation Commission is requesting the services of consulting engineering firms to perform the described professional services on the attached. This solicitation is for a pilot method of agreement requesting consultants to base their submittals on 5000 personnel hours for construction inspection work during the 2024 construction season. Unlike previous solicitations, consultants will be expected to base their submittal on a general scope of services provided in the solicitation and will be assigned projects based on inspection needs during the season rather than specific projects. Each consultant will be ranked by scored qualifications. Three consultants will be selected via the negotiation process. Each consultant will be assigned to a minimum of one project each in the KC District urban area (Platte, Clay, Jackson and Cass Counties). Additional project assignments will be made available as hours and needs warrant. A Pre-Solicitation meeting will be held September 12, 2023 at the KC District Office (600 NE Colbern Road, Lee’s Summit, MO 64086) from 12:30 to 2:00 in Conf. Rm 136 to answer questions regarding this pilot method. A virtual option will be made available for those who cannot attend in person.

If your firm would like to be considered for these consulting services, you may express your interest by responding to the District office contact, which is indicated on the attachments. Limit your letter of interest to no more than five pages. This letter should include a statement to indicate your firm’s understanding of the work. 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, September 29, 2023 at the appropriate office.

Sincerely, 
Travis Koestner, P.E.
State Design Engineer
Attachment

DISTRICT OFFICES

Kansas City District
Chris Redline – District Engineer
Missouri Department of Transportation
600 NE Colbern Rd.
Lee’s Summit, MO 64086

Contact

Richard Shipley – District Construction & Materials Engineer
816-803-4520
Richard.Shipley@modot.mo.gov
Email responses are encouraged

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Microsoft Teams meeting

Join on your computer, mobile app or room device

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Meeting ID: 219 477 260 105

Passcode: bN7S5J

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EXHIBIT A

District – Kansas City

Platte, Clay, Jackson and/or Cass Counties, Route Various	
Job No:	Various
Location:	Various
Proposed Improvement:	See Exhibit C Potential Projects
Length:	Various
Approximate Construction Cost:	Various
DBE Goal (if applicable)	0%
Consultant Services Required:	Construction and Materials testing and inspection
Other Comments:	Interviews or presentation will not be required for the consultant selection. Tentative Date of Consultant Selection- October 20, 2023.

Rating Criteria w/Weighted Values

Project Understanding & Innovation	5 Points Max
Past Performance	20 Points Max
Qualifications of Personnel Assigned	20 Points Max
General Experience of Firm	15 Points Max
Familiarity/Capability	20 Points Max
Accessibility of Firm & Staff	<u>20 Points Max</u>
	100 Points Max Total

EXHIBIT B

Scope of Services

The scope of professional services for this agreement is for the Consultant to provide construction and material inspection services in accordance with the Missouri Department of Transportation's guidelines. Further details and assumptions of the scope of services are described as follows:

- 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 responsible to the Engineer.
- 2) The consultant shall provide, at a minimum, three (3) MoDOT qualified inspector to inspect and report on both roadway inspection (2 construction inspectors) and plant inspection (1 materials inspector). The consultant inspectors shall be required to report to the MoDOT Resident Engineer Office. Consultant inspectors shall also coordinate with the Assistant District Construction and Materials Engineer or their assigned representative for material inspection requirements and reporting. This need for consultant inspectors on the project and their methods of reporting may change at the discretion of the MoDOT management.
- 3) At a minimum, the consultant inspector shall be certified by MoDOT's technician certification program in the following categories: Aggregate Technician, Bituminous Technician, Superpave QC/QA, Concrete strength, and Concrete field. OSHA-10 or higher certification is also required. These certifications shall be up to date and current while providing inspection services.
- 4) Consultant staff shall perform on site Quality Assurance material testing according to MoDOT's Instruction to Proposals (ITP) QA testing frequency.
- 5) 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 report any discrepancies to MoDOT staff immediately.
- 6) Consultant inspectors shall be available primarily for daytime and nighttime operations, weekday and weekends, and holidays not recognized by the contractor. 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 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.
- 7) Consultant inspectors shall perform their duties in a manner to comply with the Missouri Standard Specifications for Highway Construction, MoDOT Standard Plans for Highway Construction, the Manual of Uniform Traffic Control Devices, 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 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.

- 8) The consultant inspectors shall supply for strictly their own use all necessary concrete and asphalt testing equipment and supplies, measuring devices, cameras, vehicles with MoDOT approved warning lights, cell phone with data capabilities, laptop computer capable of accessing a wireless network, wireless connection capability, industry approved steel toe boots, hi-vis hard hat, eye protection, hearing protection and both day and nighttime reflective clothing meeting the requirements of Class 3. The consultant inspectors 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, and compliance with all MoDOT safety policies relative to the use of personal protective equipment (PPE).
- 9) Any 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 work.
- 10) The following guidelines refer to testing and inspection of materials for quality assurance purposes. The consultant inspectors shall follow the regulations set forth in applicable sections of the Missouri Standard Specifications for Highway Construction, MoDOT's Engineering Policy Guide, and the directives found under "Quality Management" on MoDOT's website. All three of these references can be found at <http://www.modot.org/business> .
- 11) The consultant inspectors shall keep a daily record of activities related to this contract in digital form 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 inspectors regardless of where they are assigned and tracks work hours, locations, specific project information, test results, conversations, etc., any and all information and communications deemed pertinent to the project.
- 12) Consultant inspection staff shall attend Preconstruction meetings and various contractor and MoDOT internal meetings throughout the course of the construction work.
- 13) Consultant inspectors should conduct wage rate interviews, Commercially Useful Function reviews, bulletin board inspections, traffic control inspections, assist with final plans and paperwork as required by the project and directed by the Engineer.
- 14) Consultant staff may be asked to notify KC Scout when lane closures are in place and removed from the roadway.

- 15) Consultant inspectors may perform survey activities as needed, including Class C and Class 3 in rock calculations.
- 16) Consultant inspectors shall assist in the preparing of pay estimates, including field measuring quantities and providing those to the Engineer.
- 17) 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. Consultants will enter reports into MoDOT's consent decree database and ensure contractors adhere to the Consent decree requirements.
- 18) Manage construction records using MoDOT's preferred contract administration software, AASHTOWARE.
- 19) 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 actions outlined in paragraph #22.
- 20) The consultant inspector shall report to the designated MoDOT representative any failing tests or inspection results and any action taken by the producer or the consultant inspector as soon as possible. Any necessary pictures to portray deficiencies should also be provided. 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 communication.
- 21) Consultant staff shall enforce contract requirements and specifications with the contractors to ensure quality workmanship and timely completion of the work. When consultant inspectors determine 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.
- 22) Failure to comply with expectations outlined in this document is grounds for invalidating the contract. Efforts will first be made to correct non-compliant performance. Verbal and written communication will document these efforts and the timeline to contract termination.

EXHIBIT C

Potential Projects

Project Number	County	Route	Description	Letting Date	RE Project Office
4S3408	JACKSON	MO 7 S	Pavement resurfacing from Colbern Road to Bird Street in Harrisonville.	8/18/2023	LSPO
4P3465	CLAY	US 69 S	Remove the pedestrian bridge and upgrade pedestrian facilities from Park Avenue to Randolph Road.	10/20/2023	LSPO
4P3488	CASS	MO 291 S	Add roundabout at Rte. 58 south junction.	2/1/2024	LSPO
4P3196	JACKSON	MO 291 N	Bridge replacement, rebuild pavement, add sidewalks and realign north ramp of interchange from SE 7th Terrace to SE Oldham Parkway. Project involves bridge A1748.	4/1/2024	LSPO
4P3268C	CASS	MO 7 N	Upgrade pedestrian facilities to comply with the ADA Transition Plan from 163rd St. to Richland Parkway and Rte. VV from Rte. 7 to Lexington Rd.	4/1/2024	LSPO
KU0033	JACKSON	CST LITTLE BLUE PKWY S	Bridge rehabilitation, widen interchange ramps and upgrade signals at I-70 in Independence.	4/1/2024	LSPO
4S3367	CLAY	RT N S	Pavement resurfacing from Seybold Road to Rte. 210.	8/18/2023	NPO
4P3420	CLAY	MO 92 E	Pavement resurfacing, asphalt entrances and loop detector replacement from Nation Road to Rte. 33.	8/18/2023	NPO
4S3349	PLATTE	MO 371 S	Pavement resurfacing from Rte. 273 to the Buchanan County line.	9/15/2023	NPO
KU0372	CLAY	US 169	Improve median barrier from Briarcliff Road to the Broadway Bridge in Kansas City and North Kansas City.	9/15/2023	NPO
4S3413	CLAY	US 69 S	Pavement resurfacing from Rte. 92 to McCleary Road.	10/20/2023	NPO
KUP0003	PLATTE	PK WESTON BEND STATE PARK E	Pavement preservation treatment in Weston Bend State Park.	11/17/2023	NPO
4S3454	PLATTE	RT Z E	Bridge replacement, guardrail and striping over Platte River, 1.4 mile east of Rte. F and 0.7 mile west of Sherwood Forest.	5/1/2024	NPO
4S3411	JACKSON	N OR 70 E	Pavement resurfacing from I-470 to Lafayette County line.	9/15/2023	SPO
4S3347	JACKSON	US 40 E	Pavement and shoulder replacement at the north side of Moore Street.	10/20/2023	SPO
4S3452	JACKSON	MO 269 S	Pavement resurfacing from the Missouri River to Front Street.	11/17/2023	SPO
4S3453	CASS	RT D S	Bridge replacement over Coldwater Road, 0.1 mile south of East 319th Street and 0.3 mile north of 323rd Street.	6/1/2024	SPO