



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)

June 14, 2022

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 projects 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 (4) 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 up to two (2) pages 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. Consultant companies and individual employees may be subject to conflict of interest restrictions on these projects. MoDOT reserves the right to sole discretion on this matter.

MoDOT will evaluate firms based on: Innovation, Qualification of Personnel Assigned, Project Management/Capability, Project Understanding, and General Experience of Firm. 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, July 8, 2022 at the appropriate office.

Sincerely,

DocuSigned by:

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

Attachment

DISTRICT OFFICES

SL District
Tom Blair, P.E. – District Engineer
Missouri Department of Transportation
1590 Woodlake Drive
Chesterfield, MO 63017

Contact
Jenn Becker, P.E.
(314) 453-5099
Jennifer.Becker@modot.mo.gov
Email responses are encouraged

District SL

St. Louis County I-70 and I-270; St. Louis County and St. Louis City I-44; Franklin County Route 47	
Job No:	J6I3660; J6S3443, SL0052, and SL0054; J6P3661
Location:	I-70 from Missouri River to Hanley Road, and I-270 from north of Dorsett Avenue to north of Route 180 (St. Charles Rock Road); I-44 various bridges from Fox Creek to Nebraska Avenue; Route 47 from Route 100 to I-44
Proposed Improvement:	Potential Design Build Projects: I-70 Corridor Improvements; I-44 Bridge Replacements and Rehabilitations; Route 47 Corridor Expansion
Length:	10.071 miles of I-70, and 3.109 miles of I-270; Bridges along 28.623 miles of I-44; 12.697 miles of Route 47
Approximate Construction Cost:	I-70: \$161,160,000; I-44: \$52,909,000 Total; Route 47: \$61,200,000
DBE Goal (if applicable)	15% (must be met for each stage of each project)
Consultant Services Required:	See Description on subsequent pages.
Other Comments:	<p>Interviews will be conducted with the short-listed firms. The Consultant Short List will be posted to the web. Tentative Date of Consultant Selection – August 26, 2022 Please submit letter of interest via email to: jennifer.becker@modot.mo.gov</p> <p>The department intends to enter into specific contracts/supplementals for each stage of each project or project segment on a rotating basis (see information on subsequent pages). If project(s) are not selected for design-build delivery after conceptual investigations, contract with Consultant would not be extended for that project. Consultants and sub-consultants would be welcome to submit letters of interest on any subsequent design-bid-build consultant needs related to the projects in the scope of this solicitation.</p>

J6I3660 – I-70 Corridor Improvements and Interchange Improvements at I-270

\$161,160,000 estimated for Construction – 15% DBE Goal

Segment 1: Missouri River to west of US 67 (Lindbergh Boulevard)

Segment 2: West of US 67 (Lindbergh Boulevard) to Hanley Road

The initial engineering responsibilities include:

- Perform traffic analysis and other preliminary investigations such as as-builts, Right of Way, environmental, bridge scoping, utility investigations, public involvement, and other activities to identify problems which need to be addressed in the I-70 corridor including interchanges.
- Produce recommended solutions and a Conceptual Study Report and Conceptual Cost Estimate.
- Identify, analyze and mitigate (or recommend mitigation for) risk items especially analysis of Right of Way impacts.
- Participate in process to determine appropriate project delivery method.

Additional responsibilities for Design-Build contracting mechanism:

- Perform Preliminary Engineering including survey, roadway and bridge design, utility coordination, Access Justification Report (AJR), environmental services/permits including noise modeling, and geotechnical investigations.
- Preparation of public involvement strategies and content.
- Perform detailed analysis of preliminary design to appropriately allocate risk.

Timeline dates for all projects are tentative. Consultant should be willing to be flexible in order and timeline of projects.

DRAFT Project Timeline Segment 1:

- Study Start – November 2022
- Conceptual Estimate – October 2023
- Conceptual Study Report/Project Delivery Determination – Fall 2023
- Preliminary Investigations/Risk Assessment – Winter 2023
- Award – 2026

DRAFT Project Timeline Segment 2:

- Study Start – September 2023
- Conceptual Estimate – September 2024
- Conceptual Study Report/Project Delivery Determination – Fall 2024
- Preliminary Investigations/Risk Assessment – Winter 2024
- Award – TBD

J6S3443 – I-44 Bridge Improvements at Holmes Avenue, Sappington Road, Glendale Road, South Rock Hill Road, Big Bend Boulevard, Selma Pedestrian Overpass, Edgar Road, Murdoch Avenue, Shrewsbury Avenue, Macklind Avenue, Edwards Avenue, and Nebraska Avenue

\$30,140,000 estimated for Construction – 15% DBE Goal

SL0052 – I-44 Bridge Improvements at Lindbergh Boulevard, Berry Road, and Elm Avenue

\$5,913,000 estimate for Construction – 15% DBE Goal

SL0054 – I-44 Bridge Improvements at Fox Creek, Central Avenue, Route 109, Lewis Road, Antire Road, Williams Creek, Route 141, Maritz Drive, Bowles Avenue, and Mraz Lane

\$16,856,000 estimate for Construction – 15% DBE Goal

The initial engineering responsibilities include:

- Perform preliminary investigations such as as-builts, Right of Way, environmental, bridge scoping, traffic analysis, utility investigations, public involvement, and other activities to identify problems which need to be addressed in the I-44 corridor.
- Produce recommended solutions and a Conceptual Study Report and Conceptual Cost Estimate.
- Identify, analyze and mitigate (or recommend mitigation for) risk items especially analysis of Right of Way impacts.
- Participate in process to determine appropriate project delivery method.

Additional possible deliverables for Design-Build contracting mechanism:

- Perform Preliminary Engineering including survey, roadway and bridge design, utility coordination, Access Justification Report (AJR), environmental services/permits including noise modeling, and geotechnical investigations.
- Preparation of public involvement strategies and content.
- Perform detailed analysis of preliminary design to appropriately allocate risk.

Timeline dates for all projects are tentative. Consultant should be willing to be flexible in order and timeline of projects.

DRAFT Project Timeline:

- Study Start – March 2023
- Conceptual Estimate – December 2023
- Conceptual Study Report/Project Delivery Determination – Spring 2024
- Preliminary Investigations/Risk Assessment – Summer 2024
- Award – 2025

J6P3661 – Route 47 Corridor Expansion

\$30,140,000 estimated for Construction – 15% DBE Goal

The initial engineering responsibilities include:

- Perform traffic analysis and other preliminary investigations such as as-builts, Right of Way, environmental, bridge scoping, utility investigations, public involvement, and other activities to identify problems which need to be addressed in order to expand the Route 47 corridor.
- Produce recommended solutions and a Conceptual Study Report and Conceptual Cost Estimate.
- Identify, analyze and mitigate (or recommend mitigation for) risk items especially analysis of Right of Way impacts.
- Participate in process to determine appropriate project delivery method.

Additional responsibilities for Design-Build contracting mechanism:

- Perform Preliminary Engineering including survey, roadway and bridge design, utility coordination, Access Justification Report (AJR), environmental services/permits including noise modeling, and geotechnical investigations.
- Preparation of public involvement strategies and content.
- Perform detailed analysis of preliminary design to appropriately allocate risk.

Timeline dates for all projects are tentative. Consultant should be willing to be flexible in order and timeline of projects.

DRAFT Project Timeline:

- Study Start – December 2022
- Conceptual Estimate – March 2024
- Conceptual Study Report/Project Delivery Determination – Summer 2025
- Preliminary Investigations/Risk Assessment – Fall 2025
- Award – TBD

Rating Criteria w/Weighted Values

- Project Understanding** **25 Points Max**
- Variety of scope in the projects listed
 - Understanding of design-build processes, variety of bridging documents and schedule, risk identification, and strategies to manage risk
 - Understanding of definition of scope of proposed projects

- Qualifications of Personnel Assigned** **25 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
 - Effectiveness of team communication and arrangements with both MoDOT and subconsultants
 - Effectiveness of quality control/assurance approach
 - Approach to managing the development of multiple projects concurrently
 - Approach to managing schedule on overlapping projects

- Innovation/Risk Management** **20 Points Max**
- Ability to bring cost-effective innovations to improve the individual projects and MoDOT's Alternative Project Delivery 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