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Missouri Department of Transportation  
*David B. Nichols, Director*

573.751.2551  
Fax: 573.751.6555  
1.888.ASK MODOT (275.6636)

May 20, 2013

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.

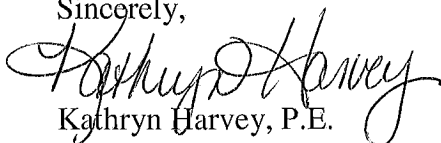
If your firm would like to be considered for these consulting services, you may express your interest by responding to the appropriate office, which is indicated on the attachments. Limit your letter of interest to no more than three pages. This letter should include a statement to indicate your firm's 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 to the three pages, 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: Past Performance, Qualifications of Personnel Assigned, Familiarity/Capability, General Experience of Firm, and Accessibility of Firm and 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, June 4, 2013 at the appropriate office.

Sincerely,



Kathryn Harvey, P.E.  
State Design Engineer

Attachment

## **DISTRICT OFFICE**

Kansas City District  
Dan Niec, P.E.  
Missouri Department of Transportation  
600 NE Colbern Road  
Lee's Summit, MO 64086

Contact  
Brian Kidwell  
(816) 607-2282  
[Brian.Kidwell@modot.mo.gov](mailto:Brian.Kidwell@modot.mo.gov)  
Email responses are encouraged

## Kansas City District

<b>Platte County, Route U.S. 69</b>	
<b>Job No:</b>	J4P2279
<b>Location:</b>	US 69 between Kindleberger Road in Wyandotte County, Kansas to I-635 in Platte County, Missouri
<b>Proposed Improvement:</b>	Rehabilitation/reconstruction of the US 69 bridges
<b>Length:</b>	1 mile
<b>Approximate Construction Cost:</b>	\$70 – 75 Million
<b>DBE Goal (if applicable)</b>	0%
<b>Consultant Services Required:</b>	The consultant will assist the MoDOT Design-Build Project Director throughout Procurement, Design and Construction phases of the project. Consultant should be familiar with the Design-Build method of delivery and be able to provide expert services in multiple areas. In addition to providing technical expertise, the consultant staff will be heavily involved in the procurement of the design build team and administration of the design build contract.
<b>Other Comments:</b>	<p>Consultant should be capable of performing a variety of tasks including:</p> <p><b><u>BRIDGE</u></b></p> <ul style="list-style-type: none"> <li>- General oversight of major bridge design</li> <li>- Extensive bridge knowledge and expertise to provide advice and recommendations during procurement and construction is required</li> <li>- Provide bridge calculations or data as necessary to obtain permits for the project</li> <li>- Provide data as necessary to help MoDOT execute Railroad and Levee Agreements</li> <li>- Provide recommendations for bridge constructability issues and/or questions</li> <li>- Possible analysis/evaluation of the substructure of the US 69 bridges</li> <li>- Provide preliminary bridge cost estimates for the structures on the project if necessary</li> <li>- Evaluation and recommendations to the Project Director concerning Additional Applicable Standards (AAS's), Design Exceptions and proposed Equal or Better Change Proposals</li> </ul>

(EBCP's).

- Review bridge design calculations, drawings and reports during construction as part of MoDOT's oversight, audit, inspection and testing reviews for the project and provide recommendations (may include review of temporary false work drawings/calculations and/or engineering bridge slide reports) .

### **GEOTECHNICAL**

- Provide Geotechnical Engineering support during procurement, design and construction.
- Provide MoDOT recommendations for geotechnical inquiries.
- Provide any calculations or data as necessary to obtain permits for the project.
- Provide any borings necessary – land and/or river

### **ROADWAY DESIGN**

- Extensive roadway design knowledge and expertise to provide advice and recommendations during procurement and construction is required
- Evaluation and recommendations to the Project Director concerning Additional Applicable Standards (AAS's), Design Exceptions and proposed Equal or Better Change Proposals (EBCP's).
- Provide general oversight of the roadway design activities
- Review and coordination of design activities
- Review and processing of various design-related requests for information from the contractor during the design phase.
- Conduct traffic modeling and analysis as necessary to evaluate proposals.
- Provide traffic engineering expertise during the design phase.

### **DOCUMENT MANAGEMENT**

- Overall document control during procurement and design phases, including electronic communications with Proposers, handling and organizing of documents produced by Proposers and the Contractor.

**ENVIRONMENTAL**

- Assist in the assessment of noise mitigation measures.
- Provide coordination and review of the design and construction of noise mitigation measures.
- Assist with coordination of project activities with MDNR in respect to known hazardous waste site.
- Coordination and review of proposal/design/construction activities by the Proposer/Contractor relevant to potential hazardous waste impacts.
- Provide support in attaining all necessary permits for the project.
- Review of design plans for compliance with environmental permits.

**SURVEYING**

- Provide survey control, topography survey (LiDAR), right of way and bridge survey.

**RAILROAD**

- Provide assistance with coordination of the project with the railroads, including development of agreements and permits.

**SCHEDULING**

- Familiarity with scheduling software, such as Primavera. Ability to review, comment on and recommend approval of the Preliminary Baseline Schedule, Original Baseline Schedule, Monthly Progress Schedules, and any other schedules or scheduling activity that is required for this project.

**GENERAL**

Interviews or presentation will not be required for the consultant selection.

This selected consultant will need to sign a confidentiality agreement and will be precluded from participating as a member of a Proposer's team prior to and after award.

Tentative Date of Consultant Selection – June 12, 2013

**Rating Criteria w/Weighted Values**

- |  |                      |
|--|----------------------|
| - Knowledge and understanding of the MoDOT design-build process  | 15 Points Max        |
| - Past performance in providing the described tasks on other projects  | 20 Points Max        |
| - Specialized experience and technical competence of the Personnel<br>Assigned to deliver requested services | 25 Points Max        |
| - Overall experience level of the firm   | 20 Points Max        |
| - Accessibility of the firm and ability to respond quickly within short timeframes                           | <u>20 points Max</u> |
|  | 100 Points Total     |