



Missouri Department of Transportation
Kevin Keith, Director

105 West Capitol Avenue
P.O. Box 270
Jefferson City, Missouri 65102

573.751.2551
Fax: 573.751.6555
1.888.ASK MODOT (275.6636)

December 10, 2012

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. 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 consultant's three page letter of interest, 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.

Due to the complex nature of this project, MoDOT will provide an overview presentation of the project on Monday, December 17, 2012 at 1:30 PM in Conference Room 136 at the MoDOT Kansas City District Office. Attendance is optional for consultants, but the presentation will provide valuable history on the project including the primary concerns of MoDOT and many of the stakeholders.

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.

MoDOT will evaluate firms based on a) past performance incorporating innovative design methods, b) demonstrated successful past performance of the lead project management staff, c) the capacity of the project team to perform the work in the timeframe needed and their overall experience level, and d) accessibility of the firm and their sub-consultant partners.



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We request all letters be received by 3:00 pm, January 16, 2013 at the appropriate office.

Sincerely,

A handwritten signature in black ink, appearing to read "Kathy Harvey". The signature is fluid and cursive, with the first name "Kathy" being more prominent than the last name "Harvey".

Kathy Harvey
State Design Engineer

Attachment

cc: Dan Niec-kc
Mr. Dennis Heckman-br
Jim Shipley-kc



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DISTRICT OFFICES

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

Contact
K. Mark Sommerhauser
#816-347-2299
Karsten.sommerhauser@modot.mo.gov
Email responses are encouraged

Kansas City District

Clay County, Route I-35	
Job Nos:	J4I3005 and J4I3005B
Location:	Route I-35 from the I-435 Interchange through the Pleasant Valley Road Interchange
Proposed Improvement:	Interchange improvements and auxiliary lane improvements
Length:	2.0 miles
Approximate Construction Cost:	\$31,200,000
DBE Goal (if applicable)	16%
Consultant Services Required:	The consultant team will prepare conceptual, preliminary, and final plans for the proposed interchange and auxiliary lane improvements.
Other Comments:	<p>Major items of work for the consultant team shall include the following tasks:</p> <p>Develop an Access Justification Report, including traffic forecasting and operational analysis using microsimulation.</p> <p>MoDOT will provide photogrammetry and the consultant team will provide all of the surveying. The consultant team is expected to take the basic processed photogrammetry and develop complete plans utilizing 3D modeling according to the current MoDOT EPG.</p> <p>All bridge design work, including both new bridges and the widening of existing bridges.</p> <p>Complete all roadway design tasks required to complete preliminary plans and develop a final PS&E package with a July 2014 letting date.</p> <p>MoDOT will be encouraging the construction industry to propose Alternate Technical Concepts (ATCs) on this project, so the consultant team will need to organize their design work to keep industry informed during the plan development process.</p>

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The consultant team will provide limited public involvement support.

The consultant team will provide limited cultural/environmental support. MoDOT will be responsible for providing the environmental clearances and permits.

MoDOT staff will obtain any right of way that is needed for the project.

The consultant team will provide all geotechnical support relating to structural and retaining wall design tasks.

Interviews will be conducted with the short listed firms.

The Consultant Short List will be posted to the web around January 23, 2013.

Tentative Date of Consultant Selection – February 19, 2013.

RATING CRITERIA (WITH POINT VALUE)

A. Past Performance Incorporating Innovative Design Methods (40 pts)

- 1) Proven ability to incorporate internal value engineering reviews, ability to successfully incorporate practical design principles in all areas of design, and a thorough understanding of the implementation of Alternate Technical Concepts (ATCs) during the plan delivery process.
- 2) Proven ability to develop multiple conceptual plans for complex



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	<p>interchanges that incorporate practical design considerations and reasonably accurate draft estimates.</p> <ol style="list-style-type: none">3) History of successful and cost effective Maintenance of Traffic plans and strategies.4) Experience with innovative and cost effective bridge and complex interchange designs. <p>B. Demonstrated Successful Past Performance of the Lead Project Manager and the Clear Identification of other Secondary Project Managers on the Consultant Team (25 pts)</p> <ol style="list-style-type: none">1) Quality of final work products2) Ability to control design costs3) Ability to meet work schedules and efficiently organize the work flow needed during Alternate Technical Concept plan reviews.4) Responsiveness to client input and the ability to successfully work with a diverse group of community stakeholders.5) Ability to successfully manage and incorporate traffic modeling data throughout the AJR and plan development process. <p>C. Firm's Overall Capability and Capacity along with the Total Experience Level of the Consultant Project Team (25 pts)</p> <ol style="list-style-type: none">1) Firm's organizational structure and ability to maintain flexibility during plan development, especially in regards to the incorporation of ATCs.2) Participation plan for all of the different sub-consultants (including DBEs) on the team and their overall capabilities.3) Firm's commitment to providing a diverse workforce and their plan to accomplish that goal.4) Qualifications of the key personnel
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	<p>assigned to support the firm's project manager.</p> <p>5) Experience with similar complex interchange projects.</p> <p>D. Accessibility of the Firm and Sub-Consultant Staff (10 pts)</p> <p>1) Work location of the lead project manager and their internal project communication plan.</p> <p>2) Accessibility of the total project team.</p> <p>MoDOT will hold an overview presentation of the project on Monday, December 17th at 1:30 PM at the Kansas City District Office so consultants can become familiar with the history and scope of this interchange and auxiliary lane project.</p>



