



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

Missouri Department of Transportation
Kevin Keith, Director

573.751.2551
Fax: 573.751.6555
1.888.ASK MODOT (275.6636)

May 31, 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.

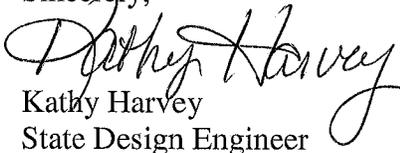
If your firm would like to be considered for these consulting services, you may express your interest by responding to the appropriate office, which is indicated on the attachments. Limit your letter of interest to no more than two pages. This letter should include a statement to indicate why your firm is interested in the project. It should also include any other information which might help us in the selection process, such as the persons or team you would assign to each project, the backgrounds of those individuals, and other projects your company has recently completed or are now active. We will utilize the consultant information already on file so we will not need a lengthy submittal of other general company 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.

MoDOT will evaluate firms based on a) practical design b) experience and competence, c) the capacity of the firm to perform the work in the timeframe needed, d) past performance, and e) proximity to and familiarity with the project area.

We request all letters be received by 3:00 pm, June 12, 2012, at the appropriate office.

Sincerely,


Kathy Harvey
State Design Engineer

Attachment

cc: Dave Ahlvers-cm
Dennis Heckman-br



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www.modot.org

Construction and Materials Division

John Donahue
Construction and Materials Liaison Engineer
573-526-4334

Email responses are encouraged

John.Donahue@modot.mo.gov

Statewide	
Job No:	Various
Location:	Various
Proposed Improvement:	Friction Testing
Approximate Construction Cost:	40,000
DBE Goal (if applicable)	0
Consultant Services Required:	<p>The consultant will mobilize a locked wheel friction testing rig that complies with ASTM E274 at the designated project locations on I-44, I-55 and I-70. Friction testing will be performed in accordance to ASTM E274 or as directed by MODOT. The friction testing equipment will be calibrated on the factory force plate by the manufacturer. An ASTM E524 tire will be mounted on the outside wheel of the trailer. All testing will be performed at a nominal speed of 40 miles per hour (MPH) to allow the direct calculation of FN₄₀ (friction number at 40 MPH). GPS and distance measuring instrument (DMI) readings will be taken at each test point.</p> <p>Tests will be taken at an interval of one test per ¼ mile in the outside wheel path of both the inside and outside driving lanes. A total of four separate locations; two on I-44, one on I-55 and one on I-70; will be tested. Each location corridor will range from 13 to 23 miles in length; some will be tested in both directions. The total estimated number of tests will range from 600 to 900 depending on the project completion percentage in calendar year 2012.</p> <p>MoDOT will provide traffic control for safe testing conduct and a source of water for the friction testing equipment. All testing will be conducted during daytime hours.</p> <p>Upon the completion of the field data collection, the consultant will review the friction data and prepare a spreadsheet or database of the results showing the test results and test locations.</p>
Other Comments:	Interviews or presentation will not be required for the consultant selection.