MoDOT

Missouri Department of Transportation
Patrick K. McKenna, Director

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1.888.ASK MODOT (275.6636)

May 12, 2016

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 four pages (one page must include ATMS software client references). 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 have one page (of the maximum four pages) include 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. Firms not providing a response on approach to workforce diversity will be considered non-responsive to this solicitation. Firms 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, May 26, 2016 at the appropriate office.

Sincerely,

Eric Schroeter, P.E.
State Design Engineer

Attachment

MoDOT

Our mission is to provide a world-class transportation experience that delights our customers and promotes a prosperous Missouri.
www.modot.org

DISTRICT OFFICE

Traffic and Highway Safety Division
Eileen Rackers, P.E. – District Engineer
Missouri Department of Transportation
830 MoDOT Drive
Jefferson City, MO 65102

Contact

Alex Wassman
(573) 526-0121
Alex.Wassman@modot.mo.gov
Email responses are encouraged

Statewide

Various Routes, Various Counties	
Job No:	Various
Location:	MoDOT Statewide Traffic Management Centers (Gateway Guide, KC Scout, and Ozarks Traffic)
Proposed Consultant Work:	Freeway Advanced Traffic Management System (ATMS) software maintenance, central signal control system software maintenance
Consultant Contract Duration:	3 years
Approximate Construction Cost:	St. Louis (Gateway Guide) scope: $1,100,000 Kansas City Scout scope: $860,000 Springfield (Ozarks Traffic) scope: $340,000 $2,300,000 total for the 3 year term
DBE Goal (if applicable)	0%
Consultant Services Required:	Advanced Traffic Management System (ATMS) software implementation and support for all statewide ITS devices and for the three major Traffic Management Centers in Missouri (St. Louis, Kansas City, and Springfield). The new ATMS software support contract will implement and maintain a MoDOT statewide ATMS software that controls ITS equipment and devices along rural corridors as well as the urban centers of Kansas City, St. Louis, and Springfield. The following are major functions that the ATMS software will have to support: 1) Response plans that recommend actions and format DMS board messages based on the severity of the incident or workzone. 2) A detailed mapping plan that explains how the ATMS software reads in geographical information such as number of lanes, mile markers, etc. The mapping plan must go

	beyond just the look of the ATMS map and it must explain how the content is gathered, loaded, and edited. 3) A central signal system integrated into the ATMS which is capable of operation of at least 1,500 NTCIP controllers of various manufacturers (including Econolite ASC/3 2.50 version 2.63.00, Siemens Sepac 4.52 version 4.56, and McCain Omni eX version 1.6.3.4848)version 4.52b controllers with no changes to existing field communication architecture. 4) A maintenance management system integrated with the ATMS to track problems, repairs, and location of at least 5,000 devices. 5) An ATMS which provides integration of CCTV streaming, detection and travel time information, dynamic message sign status and readout, and traffic signal operation of 135 MoDOT NTCIP controllers to the St. Charles County Gateway Greenlight ATMS. 6) Proposed project management and configuration management plan that coordinates and leverages the software enhancements that are constantly being added (statewide, nationally, or even internationally) to the consultant's proposed ATMS software. 7) The software functional and system requirements listed above (for both the freeway and arterial portions of the ATMS software) are not all-inclusive, but they are provided to guide short-listed consultants on how they should prioritize and organize their live software demo.
Other Comments:	A short presentation and a live ATMS software demonstration will be conducted with the short listed firms. The Consultant Short List will be posted to the web around May 31, 2016.

	Tentative presentation and software demo date: June 7, 2016
	Tentative Date of Consultant Selection: June 13, 2016
	During the final consultant selection process (after the shortlist has been released), the consultant's software demo will provide half of the points in the Past Performance and Qualifications of Personnel Assigned categories.
	Half of the points under the Accessibility of Firm & Staff category will be reserved for the completeness of the consultant's plan to provide 24/7 support for the mission critical ATMS software (to be explained during the consultant's short presentation).

Rating Criteria w/ Weighted Values

General Experience of Firm	15 Points Max
Past Performance	35 Points Max
Qualifications of Personnel Assigned	25 Points Max
Familiarity/Capability	15 Points Max
Accessibility of Firm & Staff	10 Points Max
	100 Points Max Total