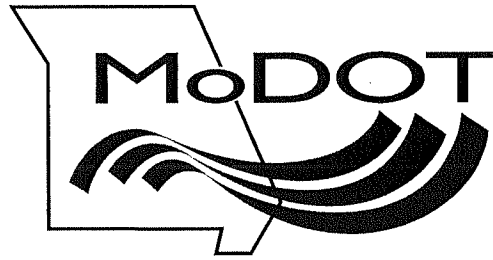


Missouri
Department
of Transportation



105 West Capitol Avenue
P.O. Box 270
Jefferson City, MO 65102
(573) 751-2551
Fax (573) 751-6555
www.modot.org

Kevin Keith, Interim Director

August 10, 2010

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 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.

We request all letters be received by 3:00 pm, August 25, 2010 at the appropriate office.

Sincerely,

Dave Nichols
Director of Program Delivery

Attachment

cc: Ms. Beth Wright-d4
Ms. Kathy Harvey-de
Mr. Dennis Heckman-br

DISTRICT OFFICES

District 4

Beth Wright – District Engineer
Attention: K. Mark Sommerhauser – Scout ITS Project Manager
Missouri Department of Transportation
600 NE Colbern Road
Lee's Summit, MO 64086

Contact

K. Mark Sommerhauser – Scout ITS Project Manager
Phone: #816-347-2299
Karsten.sommerhauser@modot.mo.gov
Email responses are encouraged

District 4

| | |
|-------------------------------|---|
| Job Number: | J4Q1572E |
| Location: | Various Routes in Various Counties |
| Proposed Work: | Intelligent Transportation System (ITS) integration work between the Kansas City Scout Traffic Management Center and regional computer aided dispatch (CAD) centers. |
| Length: | N/A |
| Approximate Integration Cost: | \$667,000 |
| Consultant Services Required: | Complete ITS integration services, including the systems engineering and software development required in order to filter out CAD information from multiple regional 911 systems. Consultant will facilitate user requirement and partnership development meetings with stakeholders. |
| DBE Goal: | 5% |
| Other Comments: | <p>Anticipated Basic Requirements</p> <p>The system will automatically extract relevant information on traffic related events. Data transfers to the Scout Traffic Management Center will not require any action by the 911 dispatcher or CAD systems. Much of the information in a CAD system is highly sensitive, so the extraction will only query data fields which have been approved for integration, and the system must conform to all legal and organizational standards for data sharing.</p> <p>The system shall be able to provide an output of standard event XML or another approved standard communication stream to Scout's central software system.</p> <p>Scout's CAD integration work will focus on these four regional partners, but additional agencies may be considered once the systems engineering planning has been completed:</p> <ol style="list-style-type: none">1) City of Kansas City, Missouri CAD2) Johnson County Kansas CAD3) Missouri Highway Patrol CAD4) Kansas Highway Patrol CAD <p>Consultant teams interested in this project should refrain from directly contacting CAD vendors and/or the dispatch agencies listed above because CAD information is very sensitive and partnership meetings and agreements will be fully developed as part of this project.</p> |

Data Warehouse

All event information will be stored in a common data warehouse. The data warehouse will be an important tool for documenting regional compliance with the SAFETEA-LU section 1201 requirements for real time system management.

The system will provide reporting and analysis tools which can be used to identify trends and document improvements in incident management from agency department data.

Remote Administration

The system will be structured to minimize the impact on information technology (IT) staff at the various locations being integrated. This requirement will reduce the long term cost of the system and remove an important practical barrier to data integration.

The local software shall have the ability to be restarted or updated from a remote location. The system should actively monitor its own operations for indications of trouble and alert administrators when it suspects a problem. For example, if the system has not received any new events from a center over a certain period of time then it will automatically alert a system administrator so they can investigate.

Interviews will be conducted with the short listed firms. Interviews are tentatively scheduled for the week of September 20th and the notice to proceed is scheduled for October 29, 2010.