



June 20, 2016

RE: Notice to Consultants  
Request for Qualifications  
Consulting Engineering Services  
Intelligent Transportation Systems (ITS)  
2017 Federal-Aid ITS Projects

St. Louis County Department of Highways and Traffic/Public Works is requesting the services of a highly qualified consulting engineering firm to perform professional services for this project. Qualifications-Based Selection (QBS), in accordance with RSMo. 8.285 through 8.291, will be used to determine the successful respondent.

General Description of Services Required:

This solicitation includes the design of the following Intelligent Transportation System (ITS) projects:

1. 2017 North County ITS Segments  
St. Louis County Project No. AR-1643  
Federal Project No. CMAQ-4900(629)  
East-West Gateway TIP No. 6636A-16  
This project involves traffic signal and related engineering design work for the upgrade and enhancement of Intelligent Transportation System (ITS) components and ancillary components along segments of Ashby Road, Brown Road, Dorsett Road, Jennings Station Road, Lilac Avenue, and North & South Road.
2. 2017 West County ITS Segments  
St. Louis County Project No. AR-1644  
Federal Project No. CMAQ-4900(632)  
East-West Gateway TIP No. 6636D-16  
This project involves traffic signal and related engineering design work for the upgrade and enhancement of Intelligent Transportation System (ITS) components and ancillary components along segments of Carman Road, Chesterfield Parkway West, Conway Road, Kehrs Mill Road, McKnight Road and Weidman Road.
3. 2017 Southwest County ITS Segments  
St. Louis County Project No. AR-1646  
Federal Project No. CMAQ-4900(631)  
East-West Gateway TIP No. 6636C-16  
This project involves traffic signal and related engineering design work for the upgrade and enhancement of Intelligent Transportation System (ITS) components and ancillary components along segments of Bowles Avenue, Clayton Road, Hawkins Road and Old State Road.

A single consultant will be selected to design all three projects.

Services to be Provided by Consultant:

- Topographic and boundary survey work to extent necessary to verify that new equipment is located in public right-of-way and does not conflict with existing utilities
- Preliminary Plans
- Final Plans
- Job Special Provisions
- Construction Estimates
- Coordination with the Missouri Department of Transportation (MoDOT)
- Assist St. Louis County's Utility Coordinator (as needed).
- Miscellaneous minor civil and structural design, including detail plans for conduit attachments to bridges (as needed)
- Railroad Coordination

The Preparation of Right-of-Way plans will not be required as St. Louis County does not acquire Right-of-Way or easements for ITS Project

Services To Be Provided By St. Louis County Staff:

- Compilation of Bid Documents
- Compile and Submit Plans, Specifications and Estimates (P,S & E)
- Management of the Bidding Process
- Compile and Submit Concurrence in Award Request
- Contract Processing and Execution
- Compile and Submit Construction Notice to Proceed Request
- Construction Engineering
- Materials Testing

The anticipated project schedule includes accelerated consultant selection, negotiation and design phases. Firms unable to meet these deadlines should not submit a Qualifications Statement. The anticipated schedule is as follows:

Qualifications Statements Due:	July 8, 2016
Interviews/Selection:	July/August, 2016
Negotiation:	September, 2016
Council Authorization/Contract Execution:	October - December, 2016
Estimated Notice to Proceed Date:	January 3, 2017
Preliminary Plans Complete:	March 24, 2017
Final Plans Complete:	June 9, 2017

Please limit your Qualifications Statement to no more than five (5) pages. The submittal should include a statement describing why your firm is interested in the project. It should also include any other information which may help in the selection process, such as key project personnel, their backgrounds, and other similar projects your firm has taken from conceptual study through final design in the recent past. A description of your firm's proposed approach to the study phase of the project should also be included.

Firms may submit a copy of their company's general qualifications separately as a single additional document. There is no length limit to this document. This supplemental information is not required and will not necessarily be considered in the scoring process. All project specific information should be included in the five-page Qualifications Statement.

All prime consultants shall be prequalified with MoDOT. It is further required that your firm submit an Affidavit of Compliance with the federal work authorization program along with a copy of your firm's E-Verify Memorandum of Understanding (15CSR 60-15.020) be submitted with your firm's Statement of Qualifications. These items do not count towards the five-page limit.

Qualifications Statements will be scored based on the following criteria:

- Overall Experience and Technical Competence – 40 points
- Capacity and Capability – 20 points
- Past Record of Performance – 30 points
- Accessibility of Firm & Staff – 10 points

From the qualification statements received, a short list of at least two (2) firms and no more than three (3) firms will be invited for thirty (30) minute informal interviews. The informal interviews will consist of a brief question and answer period followed by general discussion of the project. Scores from the Qualifications Statements will comprise 15% of each firm's interview score in accordance with the Department's QBS policy.

A Disadvantaged Business Enterprise (DBE) goal of 12% has been established for this project. DBE firms must be listed in the MRCC DBE Directory located on MoDOT's website at [www.modot.gov](http://www.modot.gov), in order to be counted toward participation in any established DBE Goal. St. Louis County encourages DBE firms to submit as prime on any project for which they are qualified. Any sub-consultants needed to complete the professional services requested by St. Louis County must be listed.

If your firm would like to be considered for the consulting services, please e-mail your Qualifications Statement to Ted Medler, P.E., S.E., Division Manager, Planning and Programming at [TMedler@stlouisco.com](mailto:TMedler@stlouisco.com) as a PDF file. General qualifications shall also be submitted in PDF format. Any mailed or hand-delivered hard copy submittals will be discarded. All Qualifications Statements must be received no later than 2:00 p.m., local time, on July 8, 2016 to be considered for this project. Questions regarding this solicitation shall be submitted in writing to the project contact above. Phone inquiries will not be accepted. Failure to comply with the requirements of the RFQ may negatively impact the evaluation of the consultant's Statement of Qualifications.

The Transportation Improvement Plan (TIP) Applications and an example of the Final Plans deliverable for ITS Projects may be downloaded from:

<http://www.stlouisco.com/YourGovernment/BidsandRFPs>

<b><i>St. Louis County, 2017 ITS Projects.</i></b>	
Federal Aid Nos.:	2017 North County ITS Segments CMAQ-4900(629), TIP# 6636A-16 2017 West County ITS Segments CMAQ-4900(632), TIP# 6636D-16 2017 Southwest County ITS Segments CMAQ-4900(631), TIP# 6636C-16
Locations:	2017 North County ITS Segments: Ashby Road, Brown Road, Dorsett Road, Jennings Station Road, Lilac Avenue, and North & South Road 2017 West County ITS Segments: Carman Road, Chesterfield Parkway West, Conway Road, Kehrs Mill Road, McKnight Road and Weidman Road 2017 Southwest County ITS Segments Bowles Avenue, Clayton Road, Hawkins Road and Old State Road.
Proposed Improvement:	New conduit, fiber optic interconnect cable, pull boxes, replacement of existing traffic signal controller cabinets, installation of fiber optic cable termination cabinets
Length:	2017 North County ITS Segments: 5.95 miles 2017 West County ITS Segments: 7.30 miles 2017 Southwest County ITS Segments: 8.70 miles
Approximate Construction Cost:	2017 North County ITS Segments: \$934,700 2017 West County ITS Segments: \$886,900 2017 Southwest County ITS Segments: \$822,200
DBE Goal Determination	12%
Consultant Services Required:	This project involves traffic signal design work for the upgrade and enhancement of Intelligent Transportation System (ITS) components and ancillary components along various roadways segments as listed above. Services to be provided by the consultant include: <ul style="list-style-type: none"> <li>• Topographic and boundary survey work to extent necessary to verify that new equipment is located in public right-of-way and does not conflict with existing utilities</li> <li>• Preliminary Plans</li> <li>• Final Plans</li> <li>• Job Special Provisions</li> <li>• Construction Estimates</li> <li>• Coordination with the Missouri Department of Transportation (MoDOT)</li> <li>• Assist St. Louis County's Utility Coordinator (as needed).</li> <li>• Miscellaneous minor civil and structural design, including detail plans for conduit attachments to bridges (as needed)</li> <li>• Railroad Coordination</li> </ul>
Other Comments:	Services To Be Provided By St. Louis County Staff: <ul style="list-style-type: none"> <li>• Compile Bid Documents</li> <li>• Compile and Submit Plans, Specifications and Estimates (P,S &amp; E)</li> <li>• Manage Bidding Process</li> <li>• Compile and Submit Concurrence in Award Request</li> <li>• Contract Processing and Execution</li> <li>• Compile and Submit Construction Notice to Proceed Request</li> <li>• Construction Engineering</li> <li>• Materials Testing</li> </ul>
Contact:	Ted Medler, P.E., S.E. Division Manager, Planning and Programming. St. Louis County Department of Highways & Traffic <a href="mailto:TMedler@stlouisco.com">TMedler@stlouisco.com</a> All questions and submittals via e-mail. Phone inquiries not accepted.
Deadline:	July 8, 2016 at 2:00 p.m.