



July 6, 2015

RE: Notice to Consultants
Request for Qualifications
Consulting Engineering Services
Intelligent Transportation Systems (ITS)
2016 Federal-Aid ITS Projects – West and South

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. 2016 ITS Program – Airport and Westport Areas
St. Louis County Project No. AR-1591
Federal Project No. CMAQ-9900(672)
East-West Gateway TIP No. 6477B-15
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 Elizabeth Avenue, Paul Avenue, Bermuda Drive, James S. McDonnell Boulevard, McKelvey Road within St. Louis County.
2. 2016 ITS Program – Chesterfield Valley
St. Louis County Project No. AR-1590
Federal Project No. CMAQ-5410(624)
East-West Gateway TIP No. 6477A-15
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 Chesterfield Parkway East, Wild Horse Creek Road, and Chesterfield Airport Road within St. Louis County.
3. 2016 ITS Program – Sappington Road/Highway 21 Corridor
St. Louis County Project No. AR-1589
Federal Project No. CMAQ-4900(628)
East-West Gateway TIP No. 6477D-15
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 Sappington Road, Kennerly Road, Old Tesson Road, and Mattis Road within St. Louis County.

A single consultant will be selected to design all three projects. Services required from the selected firm include:

- 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 23, 2015
Interviews/Selection:	August, 2015
Negotiation:	September, 2015
Council Authorization/Contract Execution:	October/November, 2015
Estimated Notice to Proceed Date:	November 30, 2015
Preliminary Plans Complete:	March 25, 2016
Final Plans Complete:	June 10, 2016

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 is not guaranteed to 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 five (5) 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 8% 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, 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 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 by 2:00 p.m., local time, on July 23, 2015 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>

St. Louis County, 2016 Federal-Aid ITS Projects – West and South

Federal Aid Nos.:	2016 ITS Program – Airport and Westport Areas: CMAQ-9900(672), TIP# 6477B-15 2016 ITS Program – Chesterfield Valley: CMAQ-5410(624), TIP# 6477A-15 2016 ITS Program – Sappington Road/Highway 21 Corridor: CMAQ-4900(628), TIP# 6477D-15
Locations:	2016 ITS Program – Airport and Westport Areas: Elizabeth Avenue, Paul Avenue, Bermuda Drive, James S. McDonnell Boulevard, McKelvey Road 2016 ITS Program – Chesterfield Valley: Chesterfield Parkway East, Wild Horse Creek Road, and Chesterfield Airport Road 2016 ITS Program – Sappington Road/Highway 21 Corridor: Sappington Road, Kennerly Road, Old Tesson Road, and Mattis 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:	2016 ITS Program – Airport and Westport Areas: 4.6 miles 2016 ITS Program – Chesterfield Valley: 3.5 miles 2016 ITS Program – Sappington Road/Highway 21 Corridor: 3.6 miles
Approximate Construction Cost:	2016 ITS Program – Airport and Westport Areas: \$1,075,000 2016 ITS Program – Chesterfield Valley: \$660,000 2016 ITS Program – Sappington Road/Highway 21 Corridor: \$615,000
DBE Goal Determination	8%
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"> • 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
Other Comments:	Services To Be Provided By St. Louis County Staff: <ul style="list-style-type: none"> • Compile Bid Documents • Compile and Submit Plans, Specifications and Estimates (P,S & E) • Manage 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
Contact:	Ted Medler, P.E., S.E. Division Manager, Planning and Programming. St. Louis County Department of Highways & Traffic TMedler@stlouisco.com All questions and submittals via e-mail. Phone inquiries not accepted.
Deadline:	July 23, 2015 at 2:00 p.m.