

# **A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT**

Department of Highways  
Professional Services Procurement Bulletin 2016-05  
Jefferson / KY 1931 (St. Andrews Church Road) / 05-0536.00

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

## **I. PROJECT DESCRIPTION**

County - Jefferson  
Route - KY 1931 (St. Andrews Church Road)  
Item No. - 05-0536.00  
Project Description - Widen KY 1931 (St. Andrews Church Road) from 2 to 3 lanes from US 31W (Dixie Highway) to Doss High School in Jefferson County. This project will include bicycle and pedestrian facilities. (2014BOP)

## **II. PROJECT INFORMATION**

Project Manager - Pat Matheny, P.E.  
User Division - Highway Design  
Approximate Fee - \$500,000 (Lump Sum) Preliminary Engineering  
Project Funding - Federal Funds (SLO funds)  
Project Length - Approximately 1.75 miles

## **III. PURPOSE AND NEED**

The purpose of the proposed KY 1931 project is to improve safety and local traffic operations along this route between Dixie Highway and I-264. The need is expressed through above average crash rates, substandard geometric features, and congested traffic operations.

Other project goals include accommodating bicyclists and pedestrians, improving emergency response time, minimizing impacts to the environment, and ensuring any improvement can handle traffic from other planned improvements.

## **IV. DBE REQUIREMENT**

Consultants should include a DBE participation plan with their Response to Announcement. An additional page will be allowed with the Project Approach (page 7) in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

## **V. SCOPE OF WORK**

The selected Consultant will be required to provide engineering services to:

- Prepare Preliminary Line & Grade report and plans for the widening of KY 1931 to 3-lanes from Dixie Hwy to Doss High School.
- Preliminary alignment of a shared use path along KY 1931 through the section of widened roadway.
- Intersection improvements at Arnoldtown Road and Blanton Lane.
- The Department is gathering survey for the project area, however additional and/or updated survey may be required.
- Conduct Public Involvement activities.
- Preliminary Drainage design.
- Preliminary Right-of-Way design.
- Cost estimates associated with Preliminary Engineering.

This project may be advanced to Final Roadway Design by Contract Modification. In addition, Final Roadway Design of the adjacent widening project from Doss High School to Palatka Road (5-8810) may also be included by Contract Modification. The Department reserves the right to advance the entire corridor to Final Roadway Design or break it into sections for Final Roadway Design. The Department also reserves the right to advertise the entire project or parts thereof for Final Roadway Design.

## **VI. SPECIAL INSTRUCTIONS**

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

## **VII. AVAILABLE STUDIES**

[KY 1931 Planning Study, Jefferson County; Item No. 5-480](#)

## **VIII. METHOD OF DESIGN**

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

## **IX. ENVIRONMENTAL**

Any necessary Environmental Services will be provided by the Department. It is anticipated that a Categorical Exclusion Level 1 document will be prepared by the Department.

## **X. PHOTOGRAMMETRIC SERVICES**

Initial field surveying is occurring via statewide contract prior to Preliminary Design. The Consultant will be required to field survey any additional necessary portions of the project.

## **XI. STRUCTURE DESIGN**

The selected Consultant shall provide the necessary engineering service to submit an

Advanced Situation Folder(s) to the Department for the appropriate applicable structure(s). The selected Consultant will be responsible for any necessary structure design, which may be added by Contract Modification after Preliminary Engineering. Prequalification in the area of Structure Design is required to be identified in the consultant's Response to Announcement.

## **XII. GEOTECHNICAL SERVICES**

The Department will provide all Geotechnical Services required for the project.

## **XIII. TRAFFIC**

The Traffic projections and related information will be provided by the selected Consultant. Existing hourly traffic counts, traffic projections, intersection turning movements, and related information will be provided by the Department. Refer to the Planning Study (5-480) dated August 2014 from the Department, provided in *VII. Available Studies*.

## **XIV. UTILITIES**

The Department will be responsible for estimating Utility costs based on plans provided by the Consultant. The Department will send project location maps to all potential Jefferson County utility contacts to determine whether they may have existing utilities within these project limits. The Department will develop the utility contact list. Facility atlas maps received for this project will be provided to the selected Consultant. All utilities including aerial carriers shall be field-verified by the Consultant. Sizes and types of underground and aerial utilities shall be identified on the roadway plans. Plans shall be provided by the Consultant in both .pdf and .dgn format. These will be distributed by the Department to utility representatives for review and comment.

The Department will authorize B.U.D. (Before You Dig) to field-locate utilities. The Consultant shall perform field surveys to collect the B.U.D. data. Horizontal location of existing utilities shown on Final Design plans shall be adjusted as necessary to reflect actual B.U.D. locates.

Design plans shall be adjusted by the Consultant as necessary to reflect SUE results provided by the Department.

## **XV. PREQUALIFICATION REQUIREMENTS**

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

### ROADWAY DESIGN

- Rural Roadway Design
- Urban Roadway Design
- Surveying
- Advanced Traffic Engineering Design & Modeling

### STRUCTURE DESIGN

- Spans Under 500 feet

### TRAFFIC ENGINEERING

- Traffic Engineering Services
- Electrical Engineering Traffic Signal Services

- Electrical Engineering Roadway Lighting Services

#### TRANSPORTATION PLANNING / CORRIDOR PLANNING

- Traffic Data Collection
- Travel Demand & Simulation Modeling
- Traffic Forecast
- Pedestrian & Bicycle Facility Planning & Design

#### **XVI. PROCUREMENT SCHEDULE**

- Bulletin Posted – November 10, 2015
- Response Date – December 2, 2015 by 4:30 PM ET (Frankfort Time)
- First Selection – December 8, 2015
- Final Selection – December 23, 2015
- Pre-Design Conference – December 30, 2015
- Fee Proposal – January 8, 2016
- Contract Negotiations – January 20, 2016
- Notice to Proceed – February 18, 2016

#### **XVII. PROJECT SCHEDULE**

Preliminary Line & Grade Inspection – December 2016  
Submit Design Executive Summary – January 2017

#### **XVIII. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
5. DBE Participation Plan. (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

#### **XIX. SELECTION COMMITTEE MEMBERS**

1. Pat Matheny, P.E., User Division

2. Jill Asher, P.E., User Division
3. Travis Thompson, P.E., Secretary's Pool
4. Kevin Rust, P.E., Secretary's Pool
5. Vacant, Governor's Pool

**XX. AREA MAP**

