

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2015-05
HARDIN / KY 251 / 04-0153.01

This document constitutes a Request for Proposals for Personal 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 – Hardin

Route – KY 251

Item No. 4-153.01

Project Description – Safety and spot improvements to KY 251 and KY 434 as recommended by the 2012 Planning Study.

II. PROJECT INFORMATION

Project Manager – Larry S. Krueger, P.E.

User Division - Highway Design

Approximate Fee - \$350,000 Preliminary Engineering (Lump Sum Fee)

Project Funding – State Funded (BR2 funds)

Project Length – Approximately 6.7 miles

III. PURPOSE AND NEED

The purpose of this project is to provide a safer, more efficient corridor between Ring Road (KY 3005) and US 31W north of Veterans Way. This will provide a parallel route of US 31W to the east and connect Elizabethtown to Radcliff.

Numerous BRAC projects have been built over the past several years which have resulted in more traffic traveling north from Elizabethtown to Radcliff. Motorists on the east side of town generally travel this roadway to connect to KY 434 and US 31W in order to bypass the congested area near the Towne Mall, Walmart and numerous retail outlets and restaurants. With the number of cars expected to increase, KY 251 and KY 434 are not adequate to handle any increased volume of traffic. Lane widths are narrow with very little shoulder to recover if an automobile runs off the roadway. There are some intersections that need spot improvements including the Wooldridge Ferry intersection with KY 251 that has an acute angle creating line of sight issues. The KY 251 and KY 434 intersection has also experienced numerous crashes within the past 5 years. Several vertical curves throughout the corridor have insufficient sight distance as well. The Scoping Study recommended a minor widening typical of 2-11' lanes and a full graded shoulder with 4' paved. The study also recommends improving the Wooldridge Ferry Intersection and the KY 251/KY 434 intersection. Several spot improvements sections along the route were highlighted for improvement to the vertical curves. The study recommends all improvements to be made along the existing routes.

The study's final recommendation included improvements along KY 434 that terminated at a potential proposed connector road into the south side of Fort Knox. That connector road is no longer being proposed to be constructed.

A project was recently constructed to improve KY 251 south of Ring Road and these improvements extend north of Ring Road to just north of Bluegrass Road providing needed congestion relief at the Ring Road intersection by providing additional lanes and shoulder. Additional recommendations are required that will provide for a corridor that continues from Bluegrass Road to US 31W north of Veterans Way.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected consultant will be required to provide engineering and surveying services to perform Preliminary Roadway Design. Preliminary Design shall include at a minimum; conducting public involvement activities throughout the design process and prioritizing improvements, appropriate typical sections, proposing and analyzing alternate improvement options, utility impacts, line and grade, and dependable cost estimates.

After Preliminary Engineering and Environmental work is complete, District 4 may initiate a Contract Modification for Final Roadway Design for this project.

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

2012 Scoping Study: Hardin County [KY 251 Scoping Study](#)

Basic Survey Information: [Survey Pickups](#) (173 MB zip file)

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

The Department will provide any needed environmental services. The expected environmental document is a Environmental Overview.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide statewide aerial imagery and LiDar data for the project area. Some basic topo survey information is also available for a portion of this corridor (see link above). The

consultant will be responsible for any additional ground survey required to complete preliminary and final design. This may include, but is not limited to: topo work, control, monumenting, drainage pick-ups, drainage situations, pavement tie downs, property corners, utility locations.

XI. STRUCTURE DESIGN

The Selected Consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the KYTC for the appropriate applicable structure(s). The Structure Design will be performed by the Department. Prequalification in the area of structure design is not 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 Department.

XIV. RIGHT OF WAY

The selected Consultant shall identify property owners within the project limits. Property owner information shall be shown on the plans along with existing right of way and property lines. Right of way summary sheets shall be provided with the Preliminary Line & Grade submittal showing areas of taking for each alignment alternative.

XV. UTILITIES

The Department will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

XVI. PREQUALIFICATION REQUIREMENTS

To respond to this project, the consultant project team must be prequalified in the following areas by the response date of this advertisement:

ROADWAY DESIGN

- Rural Roadway Design
- Urban Roadway Design
- Surveying

XVII. PROCUREMENT SCHEDULE

- Advertisement Date – Monday, November 10, 2014
- **Response Due - Wednesday, December 3, 2014 4:30 pm (Frankfort Time)**
- First Selection - Tuesday, December 9, 2014
- Final Selection - Friday, December 19, 2014
- Pre-Design Conference - Tuesday, December 30, 2014
- Fee Proposal Due - Thursday, January 8, 2015
- Contract Negotiations - Tuesday, January 20, 2015
- Notice to Proceed - Wednesday, February 18, 2015

XVIII. PROJECT SCHEDULE

PRELIMINARY LINE AND GRADE • September 1, 2015

XIX. 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. (10 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. 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.

XX. SELECTION COMMITTEE MEMBERS

1. Larry S. Krueger, PE, User Division
2. David Martin, PE, User Division
3. Wheeler Nevels, PE, Secretary's Pool
4. Kevin Rust, PE, Secretary's Pool
5. Gregory Walker, Governor's Pool

XXI. AREA MAP

**PROJECT MAP
HARDIN COUNTY
ITEM NO. 4-153.01
KY 251 IMPROVEMENTS**

