

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2011-04 Warren County

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 - Warren County

Route – US 31 W at US 231X

Item No. – 3-131.00

Project Description – Construct Roundabout at US 31W and US 231X (University Blvd/Loving Way) and Intersection Improvements at US 31W and Chestnut Street.

II. PROJECT INFORMATION

Project Manager – Jim Hudson, PE

User Division - Highway Design

Approximate Fee - \$475,000.00 (Lump Sum Fee)

Project Funding – State Bond (SPB)

Project Length – 0.70 mile including 0.40 mile for US 31W, 1.10 mile for University Blvd, 0.10 mile for Loving Way, 0.10 mile for Chestnut Street.

III. PURPOSE AND NEED

US 31W (Nashville Road) carries approximately 20,000 vehicles a day through the existing intersections at University Boulevard/Loving Way is a four-way signalized intersection and is located at the southern entrance into the campus of Western Kentucky University (WKU). Also accessing the eastern edge of the WKU campus and downtown Bowling Green, the intersection with Chestnut Street is unsignalized T-intersection located approximately 400 feet north of the University Boulevard intersection. Currently, designated bike lanes along US 31W (Nashville Road) and Chestnut Street terminate near these intersections.

The close proximity of these intersections and the high volume of traffic create congestion and safety concerns for motorists, bicyclists, and pedestrians. These intersections have been identified as sites with a number of crashes and have Critical Rate Factors above 1.0. A critical Rate Factor greater than one suggests that crashes might not be occurring randomly, with a 99.5% certainty.

In 2008, a scoping study was conducted to analyze the performance of these 2 intersections and to compare different approaches to a possible solution. The FY 2010-2012 Enacted Biennial Highway Plan identifies specifically that a roundabout be constructed as part of this

project.

The purpose of this project is to improve safety and mobility for motorists, bicyclists, and pedestrians along US 31W through the intersections with University Boulevard/Loving Way and with Chestnut Street.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected consultant will be required to provide engineering services to perform Phase I and Phase II Roadway Design, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, signing and pavement marking plans, traffic control plans, cost estimates, and an anticipated construction schedule.

VI. SPECIAL INSTRUCTIONS

The selected Consultant must have the availability of and experience with state-of-the-art simulation modeling software.

Responding firms should indicate past experience with roundabout design.

Responding firms should indicate training in roundabout design and attach copies of training certification by key project team personnel.

The selected Consultant must produce signing and pavement marking plans appropriate for a roundabout intersection.

Prior to construction, a Public Awareness Campaign, which will include one Public Awareness Meeting, will be conducted by the Department with the aid of the selected Consultant. One public meeting will also be held after Preliminary Line & Grade Inspection.

The Department reserves the option to modify the selected consultants agreement to include any necessary engineering and/or related services for this project. The firm(s) will at that time be prequalified by the Department in the required area(s).

Instructions for Response to Announcement can be found at:

http://transportation.ky.gov/progperform/instructions_for_response_to_kentucky_transpo_rtaion_cabinet_6-9-09.pdf

VII. AVAILABLE STUDIES

1. Scoping Study Report and Attachments
[http://www.planning.kytc.ky.gov/projects/projects/dist3/US31W_UnivBlvd/Item%20No%203131%20Final%20Report%20&%20attachments\(120308\).pdf](http://www.planning.kytc.ky.gov/projects/projects/dist3/US31W_UnivBlvd/Item%20No%203131%20Final%20Report%20&%20attachments(120308).pdf)
2. Roundabout Feasibility Review:
http://www.planning.kytc.ky.gov/projects/projects/dist3/US31W_UnivBlvd/R_WarrenCo_2.pdf

VIII. METHOD OF DESIGN

The Selected Consultant shall utilize the current CADD Standards for Highway Plans policy in the development of the Highway Plans.

IX. PHOTOGRAMMETRIC SERVICES

The project will be field surveyed. The Department will provide the topographic survey and digital terrain model.

X. ENVIRONMENTAL

The Department will provide any necessary Environmental Services. Anticipate State Environmental Overview..

XI. GEOTECHNICAL SERVICES

The Department will provide any necessary Geotechnical Services required for this project.

XII. STRUCTURE DESIGN

No Structure design is anticipated for this project.

XIII. PLANNING

The selected Consultant will be responsible to provide Traffic Demand and Simulation Modeling. Traffic projections and related information will be provided by the Department.

XIV. PREQUALIFICATION REQUIREMENTS

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

ROADWAY DESIGN

- [Urban Roadway Design >\\$250,000](#)

TRANSPORTATION PLANNING

- [Traffic Demand and Simulation Modeling](#)
- [Pedestrian and Bicycle Facility Planning and Design](#)

XV. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

RESPONSE DATE

- Wednesday November 10, 2010 4:30 p.m. E.S.T. (Frankfort time)

SELECTION COMMITTEE

- November 24, 2010

PRE-DESIGN CONFERENCE

- December 8, 2010

CONSULTANT FEE PROPOSAL

- December 22, 2010

CONTRACT NEGOTIATIONS

- January 19, 2011

NOTICE TO PROCEED

- February 16, 2011

XVI. PROJECT SCHEDULE

Project schedule may be adjusted during the pre-design conference or contract negotiations.

PRELIMINARY LINE AND GRADE

- August 1, 2011

JOINT INSPECTION

- May 1, 2012

RIGHT-OF-WAY UTILITY PLANS

- June 30, 2012

FINAL PLANS

- October 1, 2013

XVII. EVALUATION FACTORS

1. Relative experience of Consultant personnel assigned to project team with highway projects for KYTC and/or for federal, local, or other state governmental agencies. (10 points)
2. Capacity to comply with project schedule. (10 points)
3. Past record of performance on project of similar type and complexity. (10 points)
4. Project approach and proposed procedures to accomplish the services for the project. (10 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.

XVIII. SELECTION COMMITTEE MEMBERS

1. Jim Hudson, PE, User Division
2. Chuck Allen, PE, User Division
3. Steve Farmer, PE, Secretary's Pool
4. Marvin Wolfe, PE, Secretary's Pool
5. Linda Wagner Justice, PE, Governor's Pool

Warren County Item No. 3-131.00

