

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2017-04  
Warren | WN 9007 | 03-0202.00

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 - Warren  
Route - WN 9007 (William Natcher Parkway)  
Item No. - 03-0202.00  
Project Description - Reconstruct the existing Natcher Parkway/US 231 interchange on west side of Bowling Green. (12CCR)

## **II. PROJECT INFORMATION**

Project Manager - Andrew Stewart, P.E.  
User Division - Highway Design  
Approximate Fee - \$250,000 Preliminary Engineering (Lump Sum)  
Project Funding - Federal Funds (NH)  
Project Length - Approximately 0.200 mile

## **III. PURPOSE AND NEED**

The William Natcher Parkway (WN 9007) is a corridor that connects I-65 to western Kentucky. The future I-65 Spur to Owensboro would traverse through this corridor. The WN 9007/US 231 Interchange (Exit 9) currently contains ramps that have safety issues in the weaving area between entering and exiting traffic. These ramps are deficient when measured against interstate standards. In order to meet interstate standards, these ramps would need to be reconstructed.

The purpose of this project is to improve the safety and traffic flow through the interchange as well as upgrade the interchange to interstate standards for the future I-65 spur connecting Bowling Green to Owensboro.

## **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 perform Preliminary Engineering. Preliminary Engineering includes line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage, and cost estimates.

The selected Consultant may be required to provide Final Roadway Design, which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of drainage design, right-of-way plans, construction plans including storm water construction and post construction Best Management Practices (BMP), signing and pavement marking plans, traffic control plans, final cost estimates, and an anticipated construction schedule. Signal plans and lighting plans may also be required. A value engineering study is to be performed at 30% completion.

## **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**

[I-65 Spur Strategic Corridor Planning Study](#)  
[Warren County | Item 3-202 | Natcher Parkway/US 231 Interchange | DNA Study](#)

## **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 3 document will be prepared by the Department.

## **X. PHOTOGRAMMETRIC SERVICES**

The Department will be responsible for obtaining the aerial photography and will furnish manuscripts on computer disks in DGN format.

KYTC will provide photogrammetry. The selected Consultant will be required to collect additional information by conventional survey methods.

## **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 may be performed by the Consultant. Structure Design services may be

added to the contract agreement by Contract Modification. 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 Department.

## **XIV. UTILITIES**

The Department will provide a preliminary utility contact list, will provide all utility cost estimates, as well as coordinate utility plans and relocation. The selected consultant shall be responsible for verifying utilities involved, performing a level B locate, and including the location, size, and type of utility on the plans.

## **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
- Surveying

### STRUCTURE DESIGN

- Spans under 500 feet

### TRAFFIC ENGINEERING

- Traffic Engineering Services

## **XVI. PROCUREMENT SCHEDULE**

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

- Bulletin Posted – October 11, 2016
- Response Date – November 2, 2016 by 4:30 PM ET (Frankfort Time)
- First Selection – November 8, 2016
- Final Selection – November 23, 2016
- Pre-Design Conference – November 30, 2016
- Fee Proposal – December 9, 2016
- Contract Negotiations – December 21, 2016
- Notice to Proceed – January 19, 2017

## **XVII. PROJECT SCHEDULE**

- Conceptual Alternatives Meeting – March 1, 2017
- Public Meeting – April 15, 2017
- Preliminary Line & Grade Inspection – May 15, 2017

- Categorical Exclusion Level III Approval – August 15, 2017
- Notice to Proceed for Final Design – August 15, 2017
- Layout Sheet Submittal – September 15, 2017
- Joint Inspection – January 15, 2018
- Right of Way and Utility Plans – February 15, 2018
- Final Plans – August 15, 2018

**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. (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)
6. DBE Participation Plan. (4 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. Andrew Stewart, PE, User Division
2. Wendy Southworth, PE, User Division
3. Darren Back, PE, Secretary’s Pool
4. T.J. Gilpin, PE, Secretary’s Pool
5. Brad Rister, Governor’s Pool

**XX. AREA MAP**

