

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2019-02  
Warren | 3-8904.10 | US-31W

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 - US 31 W  
Item No. - 03-8904.10  
Project Description - Widen US-31W from Park Avenue (MP 13.7) to Fairview Avenue (MP 14.25). Contrary to the Six-Year Plan description, the project design will continue to US-68/Louisville Road at MP 14.68.

## **II. PROJECT INFORMATION**

Project Manager - Stewart Lich, P.E.  
User Division - Highway Design  
Approximate Fee - \$500,000 Preliminary Engineering & Final Design (Lump Sum)  
Project Funding - Federal Funds (STP)  
Project Length - Approximately 0.98 miles

## **III. PURPOSE AND NEED**

US-31W is a four-lane roadway which serves as a minor urban arterial for the expanding commercial areas in eastern Bowling Green. US-31W provides the primary connection from the Medical Center, Bowling Green's largest and fastest growing hospital, to Fairview Avenue which provides access to I-65 and the residential neighborhoods of eastern Warren County. This section of US-31W provides direct access to numerous medical facilities and commercial businesses including the future WKU/UK Medical School which is scheduled to open in August 2018. The increasing traffic volumes and the geometric and capacity limitations of the existing roadway impede the mobility and safety along the corridor. The afternoon left turn movement from southbound US-31W onto Fairview Avenue heading east regularly creates queues longer than the provided turn lane which interferes with through traffic and turning movements for opposing traffic creating a significant safety problem.

The purpose of this project is to increase the safety and mobility for motorists and pedestrians along the US-31W Corridor from Fairview Avenue to Louisville Road, including improved capacity and safety at the intersection of US-31W and Fairview Avenue.

#### **IV. DBE REQUIREMENT**

The Consultant team shall include a DBE Participation Plan with their Response to Announcement to help the Department meet the 11.95% DBE goal established by FHWA. The plan needs to demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to this contract. An additional page will be allowed in the Project Approach (Page 7) to demonstrate this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

#### **V. SCOPE OF WORK**

This contract shall include all work required for Preliminary Engineering and Final Roadway Design services.

The selected Consultant will be required to provide Preliminary Roadway Design, including the preparation of engineering studies, identification of appropriate typical sections, identifying any utility impacts, performing drainage design, developing dependable cost estimates, and conducting and preparing documents for public meetings.

The selected Consultant will also be required to provide Final Roadway Design which is also anticipated within the original contract. Final Roadway Design includes, at a minimum, the preparation of any design studies, joint inspection plans, drainage design, right-of-way plans, construction plans, signing plans, traffic control plans, traffic signal plans, roadway lighting plans, final cost estimates, and an anticipated construction schedule.

#### **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:

<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

#### **VII. AVAILABLE STUDIES**

[DNA Study – Warren | 3-8904.10 | US-31W](#)

[Fairview Road Scoping Study \(including US 31W intersection\)](#)

#### **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 SERVICES**

Any necessary Environmental Services will be provided by the Consultant. The anticipated environmental document will be a Categorical Exclusion Level 2. Prequalification of various Environmental Services are required to be identified in the Consultant's Response to Announcement.

**X. PHOTOGRAMMETRIC SERVICES**

The Department will provide LiDAR digital mapping and will furnish manuscripts on computer disks in DGN format. The selected Consultant shall supplement this information with conventional surveying as needed.

**XI. STRUCTURE DESIGN**

The Department will provide any necessary Structure Design required for the project.

**XII. GEOTECHNICAL SERVICES**

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

**XIII. TRAFFIC**

The Department will provide all traffic projections and related information. The selected Consultant will then be required to provide engineering services to design any traffic signals and lighting deemed necessary.

**XIV. UTILITIES**

The selected Consultant shall locate all existing utilities and locate them on the plans provided to the Department. The Department will develop the utility contact list. 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 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](#)

- Urban Roadway Design
- Surveying

## ENVIRONMENTAL AQUATIC AND TERRESTRIAL ECOSYSTEMS

- Fisheries
- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

## ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination

## ENVIRONMENTAL AND UST SERVICES

- UST & Hazmat Preliminary Site Assessment (Phase 1) **or**
  - Hazmat Preliminary Site Assessment (Phase 1) **and**
  - UST Preliminary Site Assessment

## TRAFFIC ENGINEERING

- Traffic Engineering Services
- Electrical Engineering Traffic Signal Services
- Electrical Engineering Roadway Lighting Services

## **XVI. PROCUREMENT SCHEDULE**

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

- Bulletin Posted – August 14, 2018
- Response Date – ~~September 5, 2018 by 4:30 PM ET (Frankfort Time)~~  
**September 12, 2018 by 4:30 PM ET (Frankfort Time)**
- First Selection – ~~September 10, 2018~~ **September 17, 2018**
- Final Selection – ~~September 26, 2018~~ **October 3, 2018**
- Pre-Design Conference – ~~October 3, 2018~~ **October 10, 2018**
- Fee Proposal – ~~October 12, 2018~~ **October 19, 2018**
- Contract Negotiations – ~~October 24, 2018~~ **October 31, 2018**
- Notice to Proceed – ~~November 21, 2018~~ **November 29, 2018**

## **XVII. PROJECT SCHEDULE**

- Preliminary Line and Grade – April 26, 2019
- Design Executive Summary Submittal – May 31, 2019
- Joint Inspection – March 2, 2020
- Right-of-Way Plans – April 13, 2020
- Final Plans – August 17, 2020

## **XVIII. EVALUATION FACTORS**

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

1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. 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)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. DBE Participation Plan. (4 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

## **XIX. SELECTION COMMITTEE MEMBERS**

1. Stewart Lich, P.E., User Division
2. Wendy Southworth, P.E., User Division
3. Brent Sweger, P.E., Secretary's Pool
4. Rachel Catchings, P.E., Secretary's Pool
5. Mark Day, P.E., Governor's Pool

**XX. AREA MAP**

