

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

Department of Highways  
Professional Services Procurement Bulletin 2019-04  
Henderson | 2-383 | CS-1372

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 - Henderson  
Route - CS-1372  
Item No. - 02-0383.00  
Project Description - Improve safety and reduce congestion on CS-1372 (Watson Lane)

## **II. PROJECT INFORMATION**

Project Manager - Renee Boucherie, P.E.  
User Division - Highway Design  
Approximate Fee - \$200,000 Preliminary Engineering (Lump Sum)  
Project Funding - State Funds (SPP Funds)  
Project Length - Approximately 1.0 mile

## **III. PURPOSE AND NEED**

Watson Lane (CS-1372) is a two lane roadway which serves as a minor urban arterial for traffic accessing US-41 with an ADT of 6703. Watson Lane is utilized as the most direct route to the US-41 business district and Evansville, IN for motorists traveling from residential areas surrounding Watson Lane as well as traffic along Green River Road and US-60. The left turn movement from southbound US-41 onto Watson Lane experiences significant queues that the single left turn lane cannot accommodate during peak hours. In addition, the right turn lane at US-41 on Watson Lane for those traveling westbound experience significant delays during peak hours. The US 41/Watson Lane intersection was listed as the most congested intersection in the 2015 US-41 Traffic and Access Management Study with a critical rate factor of 3.33. The US-41 study showed that the US-41 and Watson Lane intersection operates at a LOS E in the morning and LOS F in the afternoon.

As a corridor, the mixing of local residential traffic and significant through traffic creates safety issues for traffic that is turning or entering/exiting the roadway to entrances.

The purpose of this project is to increase the safety and mobility for motorists and pedestrians along the Watson Lane corridor from Green River Road to Sunset Lane, including improved capacity and safety at the intersection of US-41 and Watson Lane.

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

None

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

The selected Consultant will be required to provide Preliminary Engineering, 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 may also be required to provide Final Roadway Design, which may be added by contract modification upon the completion of Preliminary Engineering. 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, 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 - Henderson | 2-383 | CS-1372](#)

[US-41 Traffic and Access Management Study - Henderson | 2-383 | CS-1372](#)

#### **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**

The Department will provide any necessary Environmental Services required for the project.

#### **X. PHOTOGRAMMETRIC SERVICES**

The Department will provide LiDAR digital mapping. The selected Consultant shall supplement this information with conventional surveying as needed.

## **XI. STRUCTURE DESIGN**

It is unknown if any structures will be required for this project. If required the selected Consultant shall do the necessary engineering service to submit to the KYTC an Advanced Situation Folder(s) for the appropriate applicable structure(s). The Structure Design may be performed by the Consultant. Structure Design services may be added to the Contract 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 Department will provide all traffic projections and related information.

## **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.

The selected consultant will provide SUE (Subsurface Utility Engineering) work as needed to field-locate utilities. Horizontal and vertical location of existing utilities shown in the roadway plans shall be adjusted by the consultant as necessary to reflect actual SUE results.

## **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

### [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 9, 2018
- Response Date – October 31, 2018 by 4:30 PM ET (Frankfort Time)

- First Selection – November 5, 2018
- Final Selection – November 21, 2018
- Pre-Design Conference – November 28, 2018
- Fee Proposal – December 7, 2018
- Contract Negotiations – December 19, 2018
- Notice to Proceed – January 17, 2019

**XVII. PROJECT SCHEDULE**

- Preliminary Line and Grade – May 2019
- Joint Inspection – March 2020
- Right-of-Way Plans – April 2020
- Final Plans – August 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. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

**XIX. SELECTION COMMITTEE MEMBERS**

1. Renee Boucherie, P.E., User Division
2. Kevin Martin, P.E., User Division
3. Craig Caudill, P.E., Secretary's Pool
4. Tom Hall, P.E., Secretary's Pool
5. Cole Mitcham, P.E., Governor's Pool

**XX. AREA MAP**

