

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2019-04  
Grayson | 4-8954 | KY-3155

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 - Grayson  
Route - KY-3155  
Item No. - 04-8954.00  
Project Description - Extend the William Thomason Byway (KY-3155) from the southern intersection at KY-259 westerly to KY-54. (16CCN)

## **II. PROJECT INFORMATION**

Project Manager - Bradley Bottoms, P.E.  
User Division - Highway Design  
Approximate Fee - \$500,000 Final Design (Lump Sum)  
Project Funding - State Funded (SPP funds)  
Project Length - Approximately 2 miles

## **III. PURPOSE AND NEED**

The proposed project calls for the extension of the southern leg of William Thomason Byway (KY-3155) west of KY-259. The goals of a western bypass include: 1) Improved Traffic Flow; 2) Improved Safety; 3) Economic Development; 4) Improve Highway Access for Trucks; 5) Improve Access; and 6) Enhance System Efficiency and Connections.

A 2005 planning study identified several issues relating to movement within and around Leitchfield. The most significant roadway facility in the region is the Western Kentucky Parkway located south of Leitchfield on KY-259. The major north/south facility in Leitchfield is KY-259. Additionally, US-62 and KY-54 are significant east to west roadways which serve Leitchfield and connect to KY-259 within the Leitchfield city limits. There are significant manufacturers and quarries west of Leitchfield along those two routes which generate significant truck traffic to the WK Parkway. Also, Grayson County High School and Oran P. Lawler Elementary School are significant traffic generators located west of Leitchfield. This project would allow vehicles west of Leitchfield to reach KY-259 just north of the WK Parkway while avoiding the more congested downtown area.

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

None.

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

The selected Consultant will be required to provide engineering services to perform Final Roadway Design. Final Roadway Design will include the preparation of any design studies, drainage design, right of way plans, construction plans, traffic control plans, and cost estimates. Structure design, Utility design, geotechnical and/or photogrammetry services may be added to the contract by modification.

#### **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: Southwest Leitchfield Bypass from KY 259 to KY 54 - Grayson | 4-8954 | KY-3155](#)

[DTM File - Grayson | 4-8954 | KY-3155](#) (corrected hyperlink address)

[Leitchfield Northwest Bypass Study - Final Report - Grayson | 4-8954 | KY-3155](#)

[Available Studies District 4 - Grayson | 4-8954 | KY-3155](#) (added available studies)

#### **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**

A NEPA document, anticipated to be an EA/FONSI, is currently underway via an existing contract. It is anticipated to be completed and signed in mid-2019.

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

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

The selected Consultant may be required to provide Photogrammetric Services for the preferred alternative. The Consultant will be required to supplement available information with conventional surveying as needed. Prequalification in the areas of Surveying and Photogrammetry & Related Services are required to be identified in the Consultant's Response to Announcement.

## **XI. STRUCTURE DESIGN**

The selected Consultant shall do the necessary engineering services to submit to the KYTC an Advanced Situation Folder(s) for the appropriate structure(s). The selected Consultant may be responsible for any necessary Structure Design services. Structure Design of the proposed structure(s) may be added as a 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 selected Consultant may provide some or all Geotechnical Services required for the project. Geotechnical services necessary for the completion of Final Design may be included in the initial contract or added by contract modification at the appropriate time. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised geotechnical services. Prequalification in the area of Geotechnical Services is required to be identified in the Consultant's Response to Announcement.

## **XIII. TRAFFIC**

The Department will provide all traffic projections and related information.

## **XIV. UTILITIES**

The selected Consultant will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates. The selected Consultant may be required to provide additional utility related services for this project, including but not limited to Utility Coordination, Utility Design and Construction inspection.

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 may be required to 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**

- Rural Roadway Design
- Urban Roadway Design
- Surveying
- Photogrammetry & Related Services

## STRUCTURE DESIGN

- Spans under 500 feet

## GEOTECHNICAL SERVICES

- Drilling Services
- Engineering Services
- Laboratory Testing 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 27, 2018
- Fee Proposal – December 6, 2018
- Contract Negotiations – December 18, 2018
- Notice to Proceed – January 16, 2019

## **XVII. PROJECT SCHEDULE**

- Joint Inspection – November 2019\*
- Right of Way Plans – January 2020\*
- Final Plans – March 2021\*

**\* This project has been submitted for a BUILD grant. Should a grant be awarded the project shall be let no later than August 2020 and the schedule will be adjusted accordingly. Capacity to comply with an accelerated project schedule will be considered in the evaluation.**

## **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. (10 Points)
3. Past record of performance on projects similar in type and complexity. (10 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. Bradley Bottoms, P.E., User Division
2. Kevin Martin, P.E., User Division
3. Patrick Perry, P.E., Secretary's Pool
4. Tom Hall, P.E., Secretary's Pool
5. TBD, Governor's Pool

**XX. AREA MAP**

