

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2023-03  
Union | 2-80203 | KY-56

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 - Union  
Route - KY-56  
Item No. - 2-80203.00  
Project Description - Address the service, safety and condition of KY-56 from Morganfield to KY-141.

## **II. PROJECT INFORMATION**

Project Manager - George B. Phelps III, P.E.  
User Division - Highway Design  
Approximate Fee - \$1,200,000 Preliminary Engineering & Environmental Services (Lump Sum)  
Project Funding - Federal Funding (STP)  
Project Length - Approximately 6.7 miles

## **III. PURPOSE AND NEED**

The purpose of this project is to improve safety, traffic flow, and function of KY-56 in order to provide a safer and more reliable route for residential and commercial traffic traveling to and from Morganfield. This section of KY-56 connects from US 60 in downtown Morganfield through the Morganfield Bypass to KY-141. It provides the connection to businesses and services in Morganfield as well as residential properties. This roadway is comprised of an urban typical section within the Morganfield City Limits from MP 13.1 to MP 13.75 with the remaining project being rural in nature to consist of narrow lanes and shoulders. This section of KY-56 also contains a few geometric deficiencies as well as undesirable intersection layouts. In addition, there are a few access management issues that need to be addressed.

## **IV. DBE GOAL**

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 should 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 (Section 7) to exhibit this plan. A maximum of four (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 and Environmental Services to make necessary improvements along KY-56 from downtown Morganfield at MP 13.1 through the Morganfield Bypass and intersection with KY-141 to MP 19.8. This would include addressing geometric deficiencies, improving functionality issues, and addressing any other concerns. Preliminary Engineering includes preliminary line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage and preliminary structure design, cost estimates, and gathering any necessary survey for the project area.

This project may be advanced to Final Design upon the completion of Preliminary Engineering with a Contract Modification. The selected Consultant will then be required to provide engineering services to perform Final Roadway Design, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans, and cost estimates as well as any other services that KYTC chooses not to perform with in-house forces.

## **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 – Union | 2-80203 | KY-56](#)

[FEMA Flood Map – Union | 2-80203 | KY-56](#)

## **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. Refer to the 2019 CADD Standards for ORD V4 Project Development Memo for information pertaining to the latest CADD Standards and plan submittal.

## **IX. ENVIRONMENTAL SERVICES**

Some necessary Environmental Services are expected to 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**

Structure Design is not anticipated for Preliminary Design. When the project advances to Final Design and if the selected Consultant is retained for Final Design services, 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 **not** required to be identified in the Consultant's Response to Announcement. However, the selected Consultant must obtain the required qualifications before providing these services or bring a prequalified subconsultant at that time.

## **XII. GEOTECHNICAL SERVICES**

The selected Consultant may provide all Geotechnical Services required for the project. The Preliminary Design contract may include preliminary geotechnical services to review available geological, mining, or other geotechnical information that could influence the selection of the preferred alternate. Geotechnical services necessary for the completion of Final Design may be 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 **not** required to be identified in the Consultant's Response to Announcement. However, the selected Consultant must obtain the required qualifications before providing these services or bring a prequalified subconsultant at that time.

## **XIII. TRAFFIC ENGINEERING**

The Department will provide all traffic projections and related information.

## **XIV. UTILITIES**

The selected Consultant shall provide a project location map to the Department. The Department will send project location maps to all potential utility contacts to determine whether they may have existing utilities within these project limits. 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 for each alignment alternative in the PL&G submittal.

The selected Consultant may be required to provide utility related services for this project, which may include construction inspection or utility preconstruction coordination. Prequalification in the area of Utility Design is **not** required to be identified in the Consultant's Response to Announcement.

The selected Consultant will authorize B.U.D. (Before You Dig) to field-locate utilities during final design and any other associated utility location service outside of B.U.D., as needed. The consultant shall perform field surveys to collect the B.U.D. data. Horizontal location of existing utilities shown on final plans shall be adjusted as necessary to reflect actual B.U.D. locates.

## **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:

### ENVIRONMENTAL ARCHEOLOGY & OTHER SERVICES

- Prehistoric Archaeology
- Socio-Economic Analysis
- Historic Archaeology
- Environmental Document Writing & Coordination
- Cultural-Historic Analysis

### ROADWAY DESIGN

- Rural Roadway Design
- Surveying
- Advanced Drainage Analysis & Design
- Urban Roadway Design
- *Advanced Traffic Engineering Design & Modeling\* (see note below)*

### Geotechnical Services\* (see note below)

- *Geotechnical Engineering\**
- *Geotechnical Drilling\**
- *Geotechnical Laboratory Testing\**

### Right of Way\* (see note below)

- *Relocation\**
- *Acquisition\**
- *Appraisal\**
- *Appraisal Review\**

### Structure Design\* (see note below)

- *Spans Under 500 Feet\**

### Transportation Planning\* (see note below)

- *Pedestrian & Bicycle Planning & Design\**

### Utility Design\* (see note below)

- *Utility Construction Inspection\**
- *Utility Preconstruction Coordination\**

\* Note – These prequalifications are not required with the initial proposal as it is uncertain to the extent practicable if they are necessary. Should these services become necessary during the delivery of the project in this or future phases, the selected Consultant team must obtain the required qualifications before providing those services or bring on a prequalified subconsultant at that time.

## **XVI. PROCUREMENT SCHEDULE**

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

- Advertisement Date: September 13, 2022
- Response Date: October 5, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: October 10, 2022
- Final Selection: October 26, 2022
- Pre-Design Conference: November 2, 2022
- Consultant Fee Proposal: November 11, 2022
- Contract Negotiations: November 23, 2022
- Notice to Proceed: December 14, 2022

## **XVII. PROJECT SCHEDULE**

- Alternatives Review April 2023
- Preliminary Line and Grade July 2023

## **XVIII. EVALUATION FACTORS**

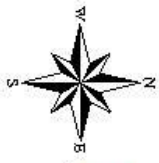
Consultants will be evaluated by the selection committee based on the following weighted factors:

1. Project approach and proposed procedures to accomplish the services for the project. (40 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)

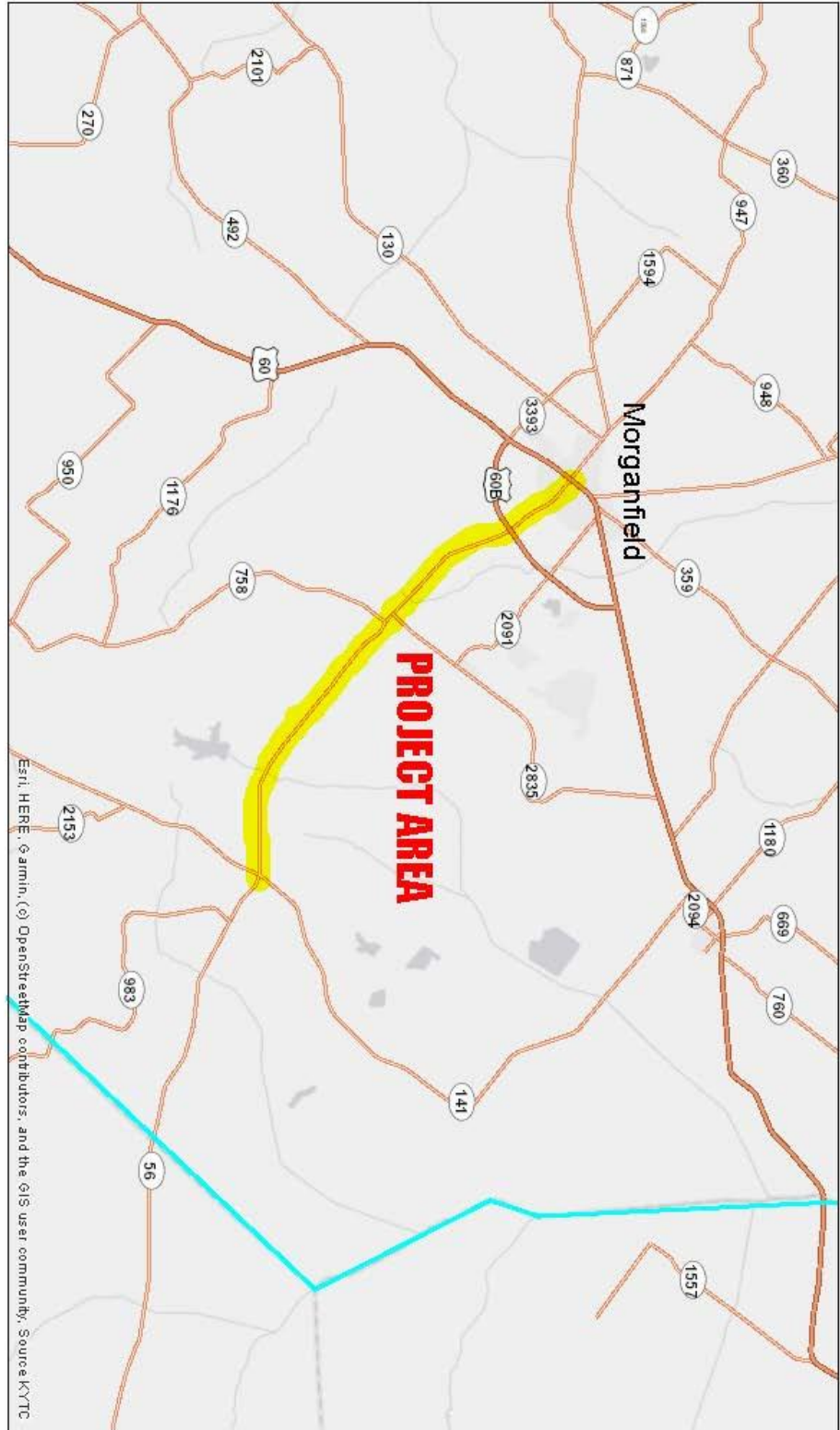
## **XIX. SELECTION COMMITTEE MEMBERS**

1. George Phelps, P.E., User Division
2. Tonya Higdon, P.E., User Division
3. Stephen De Witte, P.E., Secretary's Pool
4. Charlie Dale, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

**XX. AREA MAP**



Legend	
	DB NF Proclamation_Bnd
	Interstate
	Parkway
	US Highway
	State Road



2-80203 Union County



Author: Professional Services  
Date: 8/18/2022

