

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2023-04  
Grant | 6-80216 | US 25

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 –	Grant
Route -	US-25
Item No. -	6-80216.00
Project Description -	Reconstruct US-25 from KY-1994 (MP 19.4) to KY-491 North Junction (MP 23.2)

## **II. PROJECT INFORMATION**

Project Manager -	Ellen Gregory, P.E.
User Division -	Highway Design
Approximate Fee -	\$1,000,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding -	SPP Funds (State Funds)
Project Length -	Approximately 3.8 miles

## **III. PURPOSE AND NEED**

US-25 is located west of, and parallel to the Norfolk Southern Railroad. The close proximity to the railroad creates a hazardous condition when trains are blocking the crossing to KY-491, backing up traffic and creating long delays. There is no stacking distance for vehicles waiting to travel east on KY-491 across the railroad tracks, forcing vehicles to wait on US-25, delaying the through movement due to the lack of turn lanes and the lack of sufficient storage.

US-25 through this area has narrow shoulders and vertical issues, which greatly limit the sight distance. Entrances are located in a manner that limit sight distance for those entering or exiting the highway. There are numerous accidents throughout this corridor located at these cross streets and entrances.

This project will provide adequate sight distance and storage areas for vehicles to safely turn onto or exit US-25.

#### **IV. DBE GOAL**

The Consultant team may 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 would demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to this contract. If included, an additional page will be allowed in the Project Approach (Section 7) to exhibit this plan. No additional points will be provided in the Evaluation Factors for the DBE Participation Plan.

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

The selected consultant will design US-25 from KY-1994 to KY-491 providing adequate sight distance and storage lanes for turning vehicles. This improved facility will tie into the existing sidewalks north of the Grant County Park and the appropriate typical section will be used at when warranted for curb, gutter and sidewalks where appropriate versus a rural typical with shoulders.

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 and Structural 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**

[2009 Alternatives Study – Grant | 6-112 | US-25](#)

#### **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**

Any necessary Environmental Services are expected to be provided by the Consultant. The anticipated environmental document will be a Categorical Exclusion Level 3. 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.

## **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.

## **XIII. TRAFFIC ENGINEERING**

The Consultant will provide all traffic projections and related information.

The selected Consultant will provide the analysis of the existing and proposed operations. Traffic Signal Design and Lighting Design services, if 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 traffic services.

## **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. Facility atlas maps received for this project will be provided to the selected Consultant. 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 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.

The Department will authorize B.U.D. (Before You Dig) to field-locate utilities during final design. 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 & UST SERVICES**

- UST & Hazmat Preliminary Site Assessment (Phase 1)
- *UST Closure Assessment\* (see note below)*
- *Hazmat Corrective Action\* (see note below)*
- *UST Site Investigation (Phase 2)\* (see note below)*
- *Hazmat Site Investigation (Phase 2)\* (see note below)*
- *UST Corrective Action\* (see note below)*

### **ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS ANALYSIS**

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

### **ENVIRONMENTAL ARCHEOLOGY & OTHER SERVICES**

- Air Quality Analysis
- Prehistoric Archaeology
- Socio-Economic Analysis
- Highway Noise Analysis
- Historic Archaeology
- Environmental Document Writing & Coordination
- Cultural-Historic Analysis
- *Stream & Wetland Mitigation\* (see note below)*

### **ROADWAY DESIGN**

- Rural Roadway Design
- Surveying
- Advanced Drainage Analysis & Design
- Urban Roadway Design
- *Photogrammetry & Related Services\* (see note below)*

### **TRAFFIC ENGINEERING**

- Traffic Engineering
- *Electrical Engineering Roadway Lighting\* (see note below)*
- *Electrical Engineering Traffic Signals\* (see note below)*

### **TRANSPORTATION PLANNING**

- Traffic Forecasting

- Traffic Data Collection
- *Pedestrian & Bicycle Planning & Design\** (see note below)

Geotechnical Services\* (see note below)

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

Structure Design\* (see note below)

- *Spans Under 500 Feet\**

Utility Design\* (see note below)

- *Electrical Level 1\**
- *Gas Level 1\**
- *Communication\**
- *Water & Sewer Level 2\**
- *Water & Sewer Level 1\**

*\* 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: October 11, 2022
- Response Date: November 2, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: November 7, 2022
- Final Selection: November 21, 2022
- Pre-Design Conference: November 30, 2022
- Consultant Fee Proposal: December 9, 2023
- Contract Negotiations: December 21, 2022
- Notice to Proceed: January 11, 2023

**XVII. PROJECT SCHEDULE**

- Alignment Review September 15, 2023
- Preliminary Line and Grade February 15, 2024
- Environmental Approval June 15, 2024
- Joint Inspection April 1, 2025
- Right of Way Plans July 1, 2025

**XVIII. EVALUATION FACTORS**

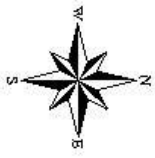
Consultants will be evaluated by the selection committee based on the following, weighted factors:

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. Ellen Gregory, P.E., User Division
2. Mike Bezold, P.E., User Division
3. Amanda Desmond, P.E., Secretary's Pool
4. Erika Drury, P.E., Secretary's Pool
5. Bart Bryant, P.E., Governor's Pool

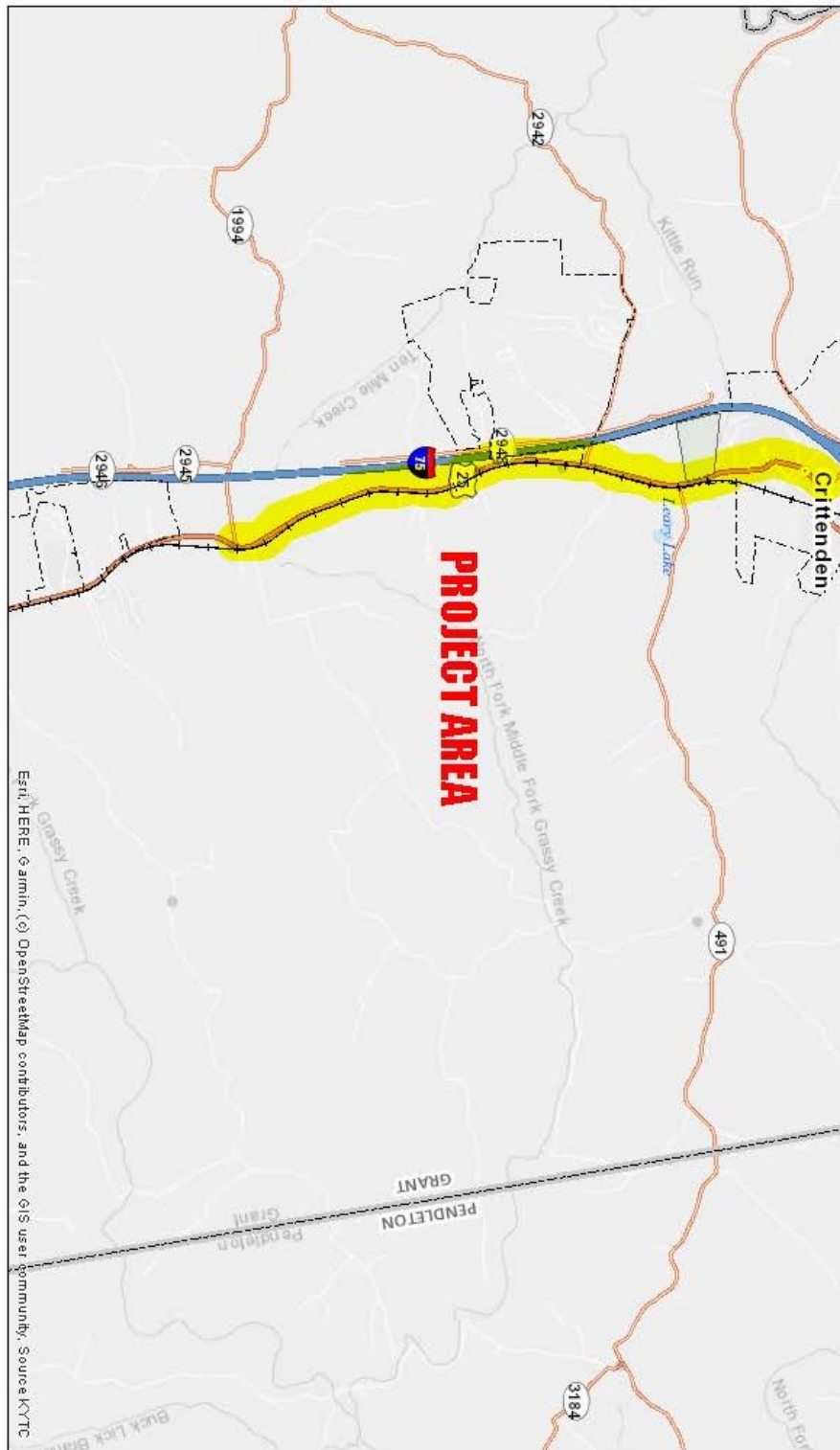
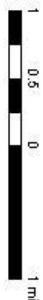
**XX. AREA MAP**



**US 25**  
**Grant County**  
**Item No. 6-80216.00**  
**Reconstruct US 25**



**Author: Professional Services**  
**Date: 9/28/2022**



**6-80216 Grant County**