

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2023-07  
Allen | 3-320 | KY-100

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 - Allen  
Route - KY-100  
Item No. - 3-320.00  
Project Description - Improvements to KY-100: Curve, bridge, and intersection improvements from near the Stony Point Road intersection to east of the Alonzo Long Hollow Road intersection

## **II. PROJECT INFORMATION**

Project Manager - Stewart Lich, P.E.  
User Division - Highway Design  
Approximate Fee - \$600,000 Final Design Services (Lump Sum)  
Project Funding - SPP Funds (State Funds)  
Project Length - Approximately 1.75 miles

## **III. PURPOSE AND NEED**

As part of the Kentucky State Primary Highway Network, KY-100 is rural two-lane facility which connects Scottsville in Allen County to Franklin in Simpson County. This route also provides access to small communities and agricultural activities in western Allen County. KY-100 is functionally classified as a "rural major collector" linking US-31W and US-231 in Simpson and Allen counties, respectively. This section of KY-100 has several horizontal and vertical deficiencies which are the cause of poor sight distance. Some locations have sight distance as little as 200'. The intersection with KY-482 is also an area of poor sight distance. Along with the poor sight distance, there are two functionally obsolete bridges that were built in 1933. The driving lanes and shoulders are also very narrow for this class of highway. Traffic in this section of the corridor consists primarily of passenger cars but there is also a significant presence of heavy trucks as well as horse and buggies. Inadequate sight distance and narrow shoulders result in very little room for driver error. The 2008 Planning Study of this corridor recommended this spot improvement as Priority #2. The public have also expressed concern about safety issues in the project area. The purpose of this project is to improve the safety and mobility of KY-100 in the community of Stoney Point in Allen County.

#### **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 be required to provide engineering services to perform Final Roadway Design, including the preparation of any design studies, drainage design, advance situation folders, 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.

Phase I design for this project was complete by KYTC in-house forces in 2016 and a preferred alternative was selected before this project was paused. The selected Consultant will be given all design files in DGN/Inroads format and will be expected to convert the preliminary design for the preferred alternate to OpenRoads Designer format before continuing final design. This will include existing manuscripts, DTM, horizontal & vertical alignments, templates and roadway designer files. Additional information is available below in the Available Studies section of this RFP.

#### **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**

[Design Executive Summary – Allen | 3-320 | KY-100](#)

[PL&G Meeting Minutes – Allen | 3-320 | KY-100](#)

[Traffic Forecast – Allen | 3-320 | KY-100](#)

[PL&G Southern Alternate – Allen | 3-320 | KY-100](#)

[PL&G Southern Alternate Profile – Allen | 3-320 | KY-100](#)

#### **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**

The current funding for this project is SPP and it is anticipated that an Environmental Overview will be prepared by the Department. If this project should receive federal funding any necessary Environmental Services will then be expected to be provided by the Consultant. The anticipated environmental document will be a Categorical Exclusion Level 2. Prequalification of various Environmental Services are not 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 in DGN format as obtained in 2015. The selected Consultant shall supplement this information with conventional surveying as determined during project scoping.

## **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 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. 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 Department will provide all traffic projections and related information.

## **XIV. UTILITIES**

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.

The selected Consultant shall acquire adequate information regarding existing utility features to determine or assist the Cabinet in determining the extent to which potentially impacted utilities may impact the project budget or schedule. The selected Consultant should be aware of and bring attention to any potential utility impacts that may result in significant cost or time to relocate.

## **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
- Surveying

### Environmental & UST Services\* (see note below)

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

### Environmental Aquatic & Terrestrial Ecosystems Analysis\* (see note below)

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

### Environmental Archeology & Other Services\* (see note below)

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

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

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

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

- Spans Under 500 Feet\*

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

- Pedestrian & Bicycle Planning & Design\*

\* 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: January 10, 2023

- Response Date: February 1, 2023 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: February 6, 2023
- Final Selection: February 22, 2023
- Pre-Design Conference: March 1, 2023
- Consultant Fee Proposal: March 10, 2023
- Contract Negotiations: March 22, 2023
- Notice to Proceed: April 12, 2023

**XVII. PROJECT SCHEDULE**

- Final Joint Inspection February 1, 2024
- Right-of-Way Plans Submittal April 1, 2024
- Final Roadway Plans July 1, 2026

**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. Stewart Lich, P.E., User Division
2. Tonya Higdon, P.E., User Division
3. Erika Drury, P.E., Secretary's Pool
4. Amanda Desmond, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

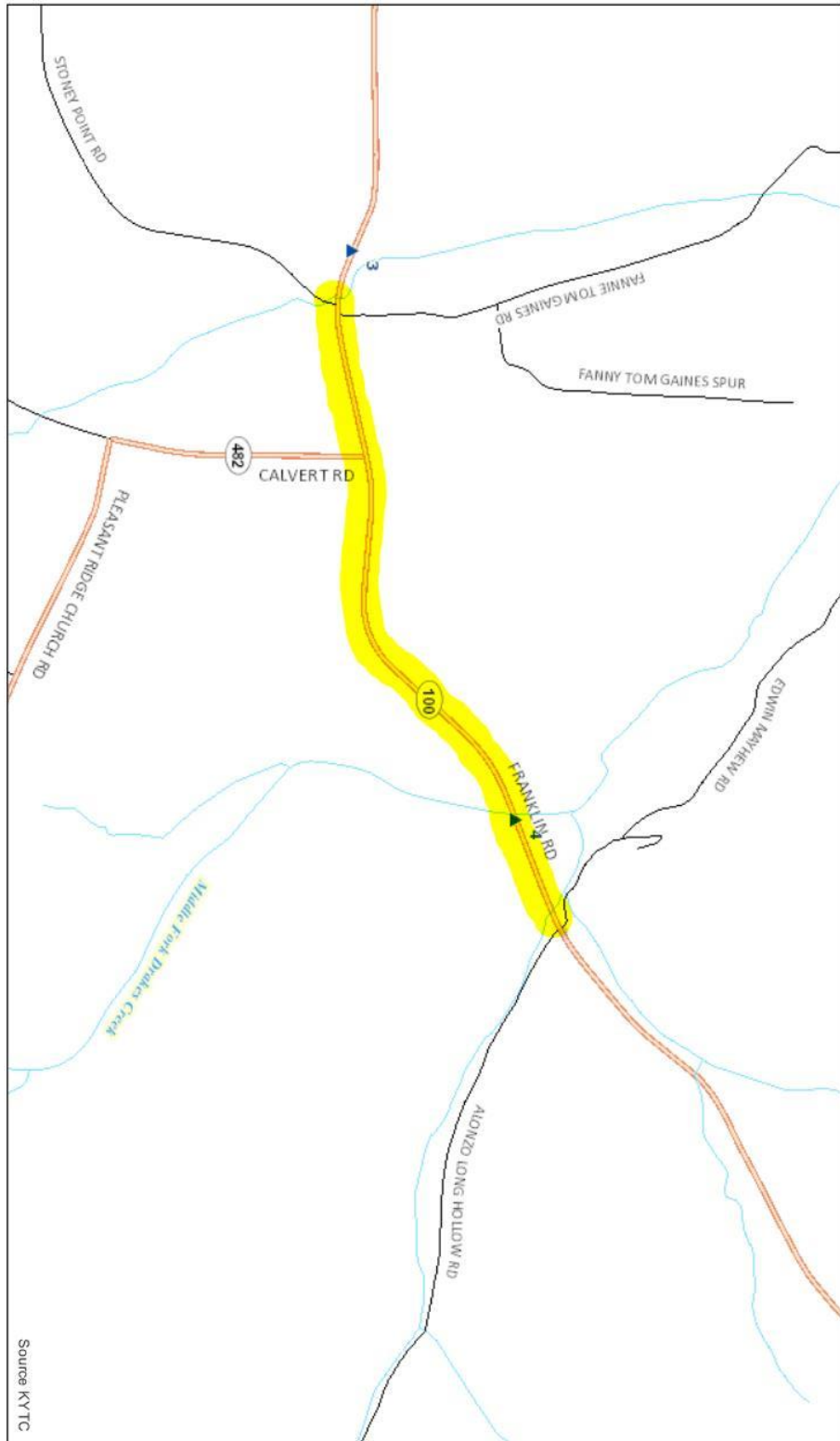
**XX. AREA MAP**



**KY 100  
Allen County  
Item No. 3-320.00  
Curve, Bridge &  
Intersection Improvements**



**Author: Professional Services  
Date: 1/3/2023**



3-320 Allen County