

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2023-03  
Pulaski | 8-80104 | KY-90

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 - Pulaski  
Route - KY-90  
Item No. - 8-80104.00  
Project Description - Reduce congestion and improve safety, capacity and mobility along KY-90 between Wayne County line and New Cumberland River Bridge

## **II. PROJECT INFORMATION**

Project Manager - Joseph Gossage, P.E.  
User Division - Highway Design  
Approximate Fee - \$500,000 Preliminary Engineering & Environmental Services (Lump Sum)  
Project Funding - SPP State Funds  
Project Length - Approximately 3.061 miles

## **III. PURPOSE AND NEED**

The purpose is to reduce congestion and improve safety, capacity, and mobility along KY-90 between the Wayne County Line and the New Cumberland River Bridge. The project is needed because this section of KY-90 has a high number of access points and intersections, combined with geometric and sight distance issues. These issues, combined with a 55-mph speed limit, result in areas with higher-than-expected crash rates and some lower levels of service.

## **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 Preliminary Engineering and Environmental Services for recommended alternatives in the Planning Study. The development of other alternatives will be encouraged that meet the purpose and need of the project.

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**

[Corridor Study – Pulaski | 8-80104 | KY-90](#)

## **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 1. 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 on a prequalified subconsultant at that time.

## **XII. GEOTECHNICAL SERVICES**

The selected Consultant may be asked to provide 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 on a prequalified subconsultant at that time.

## **XIII. TRAFFIC ENGINEERING**

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 Department will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

## **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 ARCHAEOLOGY & OTHER SERVICES](#)**

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

### **[ROADWAY DESIGN](#)**

- Rural Roadway Design
- Advanced Traffic Engineering Design & Modeling
- Surveying

- Urban Roadway Design

**TRAFFIC ENGINEERING**

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

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

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

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

- *Spans Under 500 Feet\**

*\* 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**

- Preliminary Engineering September 15, 2023
- Environmental Document September 15, 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. (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. Joseph Gossage, P.E., User Division
2. Randy Turner, P.E., User Division
3. Amanda Desmond, P.E., Secretary's Pool
4. Stephen De Witte, P.E., Secretary's Pool
5. R. Bruce Scott, P.E., Governor's Pool

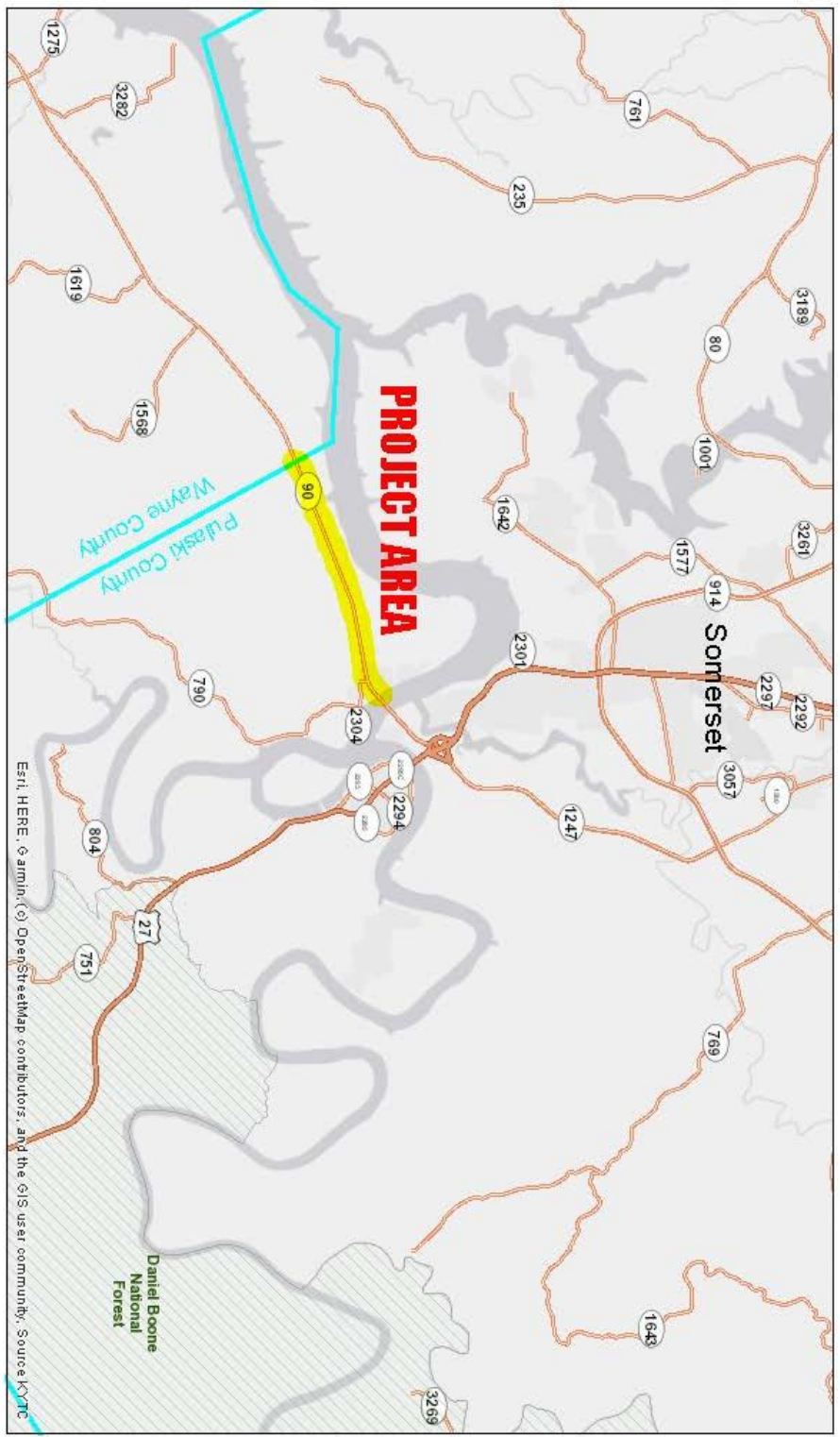
**XX. AREA MAP**



Legend	
	DBNF Proclamation_Bnd
	Interstate
	Parkway
	US Highway
	State Road



Author: Professional Services  
Date: 8/18/2022



8-80104 Pulaski County