

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2024-01  
Laurel | 11-183 | HR-9006

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 -	Laurel, Clay, Leslie, Perry
Route -	HR-9006
Item No. -	11-183.00
Project Description -	Conduct planning study for recommended improvements along the Hal Rogers Parkway beginning at MP 3.887 in Laurel County and ending at MP 59.088 in Perry County.

## **II. PROJECT INFORMATION**

Project Manager -	Keenan Jones, P.E.
User Division -	Planning
Central Office Liaison -	Brent Sweger, P.E.
Approximate Fee -	\$1,000,000 Scoping Study (Lump Sum)
Project Funding -	NHPP Funds (Federal Funds)
Project Length -	Approximately 55.201 miles

## **III. PURPOSE AND NEED**

Over the years, many projects with differing visions have been proposed along this corridor. *Kentucky's 2022-2028 Enacted Highway Plan* contains at least 8 potential new design projects along this section with varied descriptions. The objective of this study is to create the long-term vision for this corridor and identify potential improvement options. The study will identify and screen a range of concepts that improve safety, increase level-of-service, manage access, increase reliability, and improve resiliency. The recommendations of this study will be organized into a prioritized list of segments and potential improvements.

## **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 five (5) points will be considered in the Evaluation Factors for the DBE Participation Plan.

## **V. SCOPE OF WORK**

- Collect, summarize, and verify existing roadway data.
- Gather and analyze crash data utilizing methodologies outlined in the Highway Safety Manual, KTC research, and KYTC's Data Driven Safety Analysis Implementation Plan.
- Draft purpose and need statement and refine project goals.
- Conduct local official/stakeholder involvement activities, utilizing virtual, in-person, and innovative techniques.
- Identify needs of the users of the corridor and develop potential improvement options utilizing KYTC's Complete Streets, Roads, and Highways Manual and Policy.
- Conduct traffic analysis along corridor and at key interchanges and intersections.
- Quantify safety and mobility benefits associated with potential improvements.
- Provide planning-level cost estimates for all phases (D, R, U, C) and conduct planning-level benefit-cost analysis.
- Develop list of prioritized segments.
- Develop list of both short- and long-term prioritized projects.
- Submit a summary of findings in a Final Report.

Segments of this project may be advanced to Preliminary Engineering upon the completion of the Planning Study with a Contract Modification. At the completion of Preliminary Engineering the project may be advanced to Final Design with a Contract Modification.

The Department may retain any of the advertised services to be performed by in-house state 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. 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.

## **VIII. ENVIRONMENTAL SERVICES**

Any necessary Environmental Services are expected to be provided by the Consultant. An environmental overview may be required in the planning phase. Prequalification of various Environmental Services are not required to be identified in the Consultant's Response to Announcement.

## **IX. PHOTOGRAMMETRIC SERVICES**

The Consultant will provide mapping and will furnish manuscripts in ORD format. Statewide Elevation data and Aerial photography can be found at the following link [KyFromAbove - Kentucky's Aerial Photography & Elevation Data Program](#). The selected Consultant shall supplement this information with conventional surveying as determined during project scoping.

## **X. STRUCTURE DESIGN**

The selected Consultant may provide the necessary engineering services to determine needed improvements of the structures involved, if any. 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.

## **XI. 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.

## **XII. TRAFFIC ENGINEERING**

In addition to the Department's existing traffic counts, the Consultant will collect traffic data and develop traffic projections and related information. The selected Consultant will provide an analysis of the existing and proposed traffic operations.

## **XIII. UTILITIES**

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

## **XIV. 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\** (see note below)

## TRAFFIC ENGINEERING

- Traffic Engineering

## TRANSPORTATION PLANNING

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

### 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 Archaeology & 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\**

*\* 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.*

## **XV. PROCUREMENT SCHEDULE**

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

- Advertisement Date: July 11, 2023
- Response Date: August 2, 2023 by 4:30 PM ET (Frankfort Time)

- First Selection Meeting: August 7, 2023
- Final Selection: August 23, 2023
- Pre-Design Conference: August 30, 2023
- Consultant Fee Proposal: September 8, 2023
- Contract Negotiations: September 20, 2023
- Notice to Proceed: October 11, 2023

**XVI. PROJECT SCHEDULE**

- Existing Conditions Meeting: January 2024
- Initial Improvements Concepts: June 2024
- Refined Improvement Concepts & Analysis: September 2024
- Local Officials Meeting: October 2024
- Screening & Prioritization of Concepts Meeting: November 2024
- Draft Report: January 2025
- Final Report: February 2025

**XVII. EVALUATION FACTORS**

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

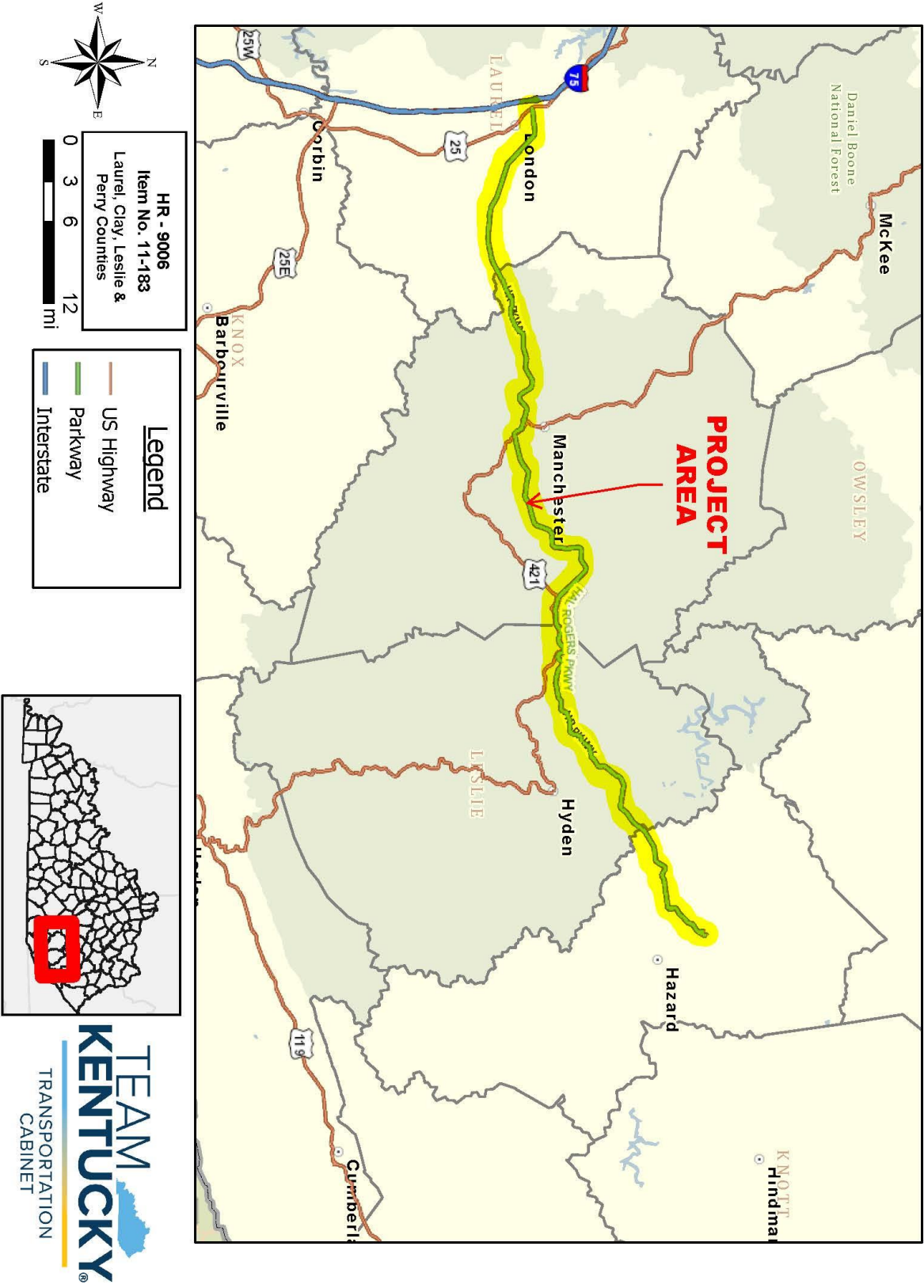
1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personal assigned to project team with highway project for KYTC and or/or federal, local, or other state governmental agencies, with an emphasis on access management, intersection design, traffic analysis, and safety analysis. (20 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Knowledge of the locality and familiarity of the general geographic area. (10 Points)
5. Capacity to comply with project schedule. (10 Points)
6. DBE Participation Plan (5 Points)

**XVIII. SELECTION COMMITTEE MEMBERS**

1. Keenan Jones, P.E., User Division
2. Brent Sweger, P.E., User Division
3. Larry Krueger, P.E., Secretary’s Pool
4. Amanda Desmond, P.E., Secretary’s Pool
5. Cindy Evensen, Governor’s Pool

**XIX. AREA MAP**

**11-183 Laurel - Clay - Leslie - Perry**



HR - 9006  
Item No. 11-183  
Laurel, Clay, Leslie & Perry Counties

**Legend**  
 — US Highway  
 — Parkway  
 — Interstate