

# **A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT**

Department of Highways  
Professional Services Procurement Bulletin 2023-05  
Jefferson | 5-80000 | KY-1531

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 - Jefferson  
Route - KY-1531  
Item No. - 5-80000.00  
Project Description - Eastwood Fishersville Connector to I-64

## **II. PROJECT INFORMATION**

Project Manager - Tom Hall, P.E.  
User Division - Planning  
Approximate Fee - \$700,000 Planning Study (Lump Sum)  
Project Funding - SPP (State Funds)  
Project Length - Approx. 1.00 mile (I-64) and Approx. 3.00 miles (new route)

## **III. PURPOSE AND NEED**

The purpose of this project is to reduce congestion on the existing roadway network and to improve connectivity to I-64 in the area of eastern Jefferson County between I-265 (Gene Snyder Freeway) in Jefferson County and KY-1848 (Buck Creek Road) in Shelby County.

The project area has experienced considerable growth recently and is likely to continue at a similar pace. This project is needed because local and regional access via the interstate system and local roadway network is restricted primarily due to the gap of nine (9) miles between interchanges on I-64 (I-265 in Jefferson County and KY-1848 in Shelby County). Limited access to I-64 has contributed to ever-increasing traffic volumes, increased travel times, and delayed responses by emergency services on I-64 as well as US-60, KY-155/KY-148, and other areas roads unable to handle heavy traffic. Project expected to be treated as a federal-aid project.

## **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 responsible for completion of a planning study which will include but not be limited to the following tasks:

- Evaluate and/or refine Purpose and Need and Project Goals from the 2008 study.
- Verify and possibly modify the study area from the 2008 KYTC ***I-64 Interchange Alternatives Study***
- Revisit and update the 2008 traffic modeling assumptions and projections
- Significantly engage local officials, stakeholders and area residents (with specific inclusion of those identified in the 2008 planning study)
- Refine a list of alternatives (from those identified in the study and/or newly-developed ones) to as few as three alternative alignments that might be considered for future Preliminary Line and Grade review
- Preliminarily evaluate environmental and community impacts and advance the NEPA clearance process (as far as practical) for the selected alternative alignments
- If internal capacity is unavailable, prepare a geotechnical overview report
- Further engage FHWA in the Interchange Justification Study analysis process and seek IJS approval (as far as practical) for the finalist alternative alignments
- Prepare cost estimates for future Design, ROW, Utility and Construction phase work
- Quantify safety, mobility, economic, and/or other benefits associated with improvements
- Develop a Public Meeting Notebook
- Submit a Summary of Findings in a final report.

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 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**

[I-64 Interchange and New Connector Alternatives Planning Study - KYTC \(2008\)](#)

[Middletown to Simpsonville Needs Analysis Study - KYTC \(2019\)](#)

[South Floyds Fork Vision Plan - Louisville Metro \(2019\)](#)

[Eastwood Neighborhood Plan - Louisville Metro \(2005\)](#)

[Move Louisville – Louisville Metro \(2016\)](#)

## **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 will be provided by the Consultant. At a minimum, an Environmental Overview Report with a red flag summary is expected to be included in the final report. The Consultant may be asked to evaluate and document early NEPA activities that might be carried through to project development (linking planning and NEPA) including, but not limited to, the following:

- Purpose and need statement refinement
- Scoping and alternatives identification
- Analysis or baselining of environmental conditions or impacts
- Evaluation and/or elimination of alternatives
- Indirect and cumulative impacts assessment
- Preparatory analyses for permitting

## **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**

Structural design will not be a part of this initial contract. However, the selected Consultant will be responsible for feasibility determination and cost estimates associated with potential structures for each concept developed. As a result, pre-qualification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

## **XII. GEOTECHNICAL SERVICES**

The selected Consultant may be asked to provide all Geotechnical Services required for the study. A geotechnical overview is expected to be included in the final report.

### **XIII. TRAFFIC ENGINEERING**

The Department's existing traffic counts will be supplemented by traffic data, traffic projections, and related information provided and collected by the Consultant. The selected Consultant will provide an analysis of the existing and proposed traffic operations.

### **XIV. UTILITIES**

The Consultant will be responsible for identifying utilities in the project area and for providing a planning level estimate of utility costs for concepts developed.

### **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)

#### **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

#### **GEOTECHNICAL SERVICES**

- Geotechnical Engineering
- *Geotechnical Drilling\* (see note below)*
- *Geotechnical Laboratory Testing\* (see note below)*

#### **INTELLIGENT TRANSPORTATION SYSTEMS**

- System Design, Deployment & Integration

#### **ROADWAY DESIGN**

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

### STRUCTURE DESIGN

- Spans Under 500 Feet

### TRAFFIC ENGINEERING

- Traffic Engineering

### TRANSPORTATION PLANNING

- Traffic Forecasting
- Traffic Data Collection
- Advanced Transportation Planning Engineering
- Pedestrian & Bicycle Planning & Design
- Transportation Planning Engineering
- Travel Demand & Simulation Modeling
- Conceptual Transportation Planning

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

- Relocation\*
- Acquisition\*

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

- Communication\*
- Electrical Level 1\*
- Electrical Level 2\*
- Gas Level 1\*
- Gas Level 2\*
- Petroleum\*
- Utility Preconstruction Coordination\*
- Water & Sewer Level 1\*
- Water & Sewer Level 2\*

\* 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: November 8, 2022
- Response Date: November 30, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: December 5, 2022
- Final Selection: December 16, 2022
- Pre-Design Conference: January 4, 2022
- Consultant Fee Proposal: January 13, 2023
- Contract Negotiations: January 25, 2023
- Notice to Proceed: February 15, 2023

## **XVII. PROJECT SCHEDULE**

- Existing Conditions Meeting : May 2023
- 1<sup>st</sup> Local Elected Officials/Stakeholders/Public Meetings : June 2023
- Initial Alternatives Review Meeting : November 2023
- 2<sup>nd</sup> Local Elected Officials/Stakeholders/Public Meetings : December 2023
- Final Alternatives Review Meeting : March 2024
- Submit Draft Report : April 2024
- Submit Final Report : June 2024

## **XVIII. EVALUATION FACTORS**

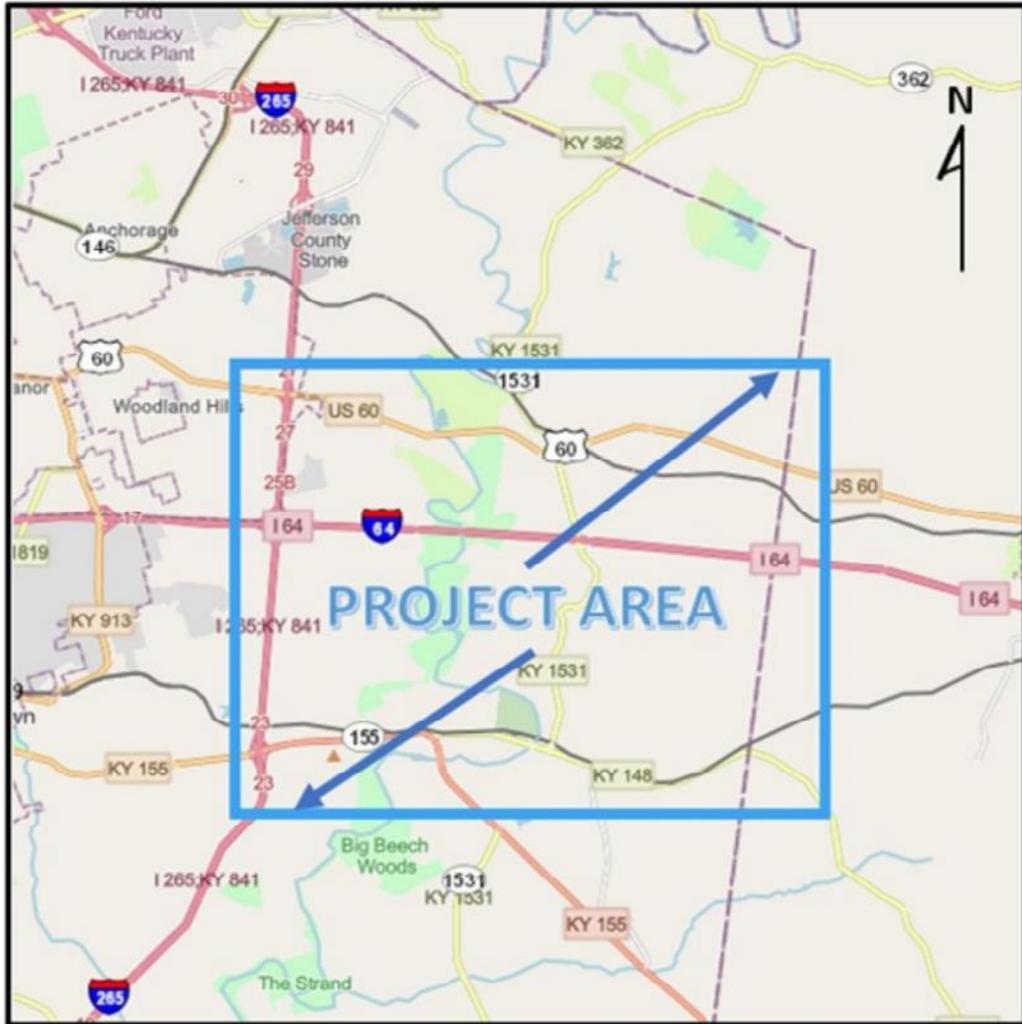
Consultants will be evaluated by the selection committee based on the following weighted factors:

1. Project approach and proposed procedures to accomplish the services for the project. (25 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. (20 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. (5 Points)

## **XIX. SELECTION COMMITTEE MEMBERS**

1. Tom Hall, P.E., User Division
2. Stephen De Witte, P.E., User Division
3. Amanda Desmond, P.E., Secretary's Pool
4. Charlie Dale, P.E., Secretary's Pool
5. Bart Bryant, P.E., Governor's Pool

XX. AREA MAP



**PROJECT LOCATION**  
**Eastwood-Fisherville Connector with I-64**  
**Item No. 5-80000.00**  
**Jefferson County**