

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2023-12
Hardin | 4-80200 | US-62

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 - Hardin
Route - US-62
Item No. - 4-80200.00
Project Description - Address safety, mobility, and access management, along with potentially reconfiguring the interchange to I-65

II. PROJECT INFORMATION

Project Manager - Kevin Blain, P.E.
User Division - Highway Design
Approximate Fee - \$650,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - SPP Funds (State Funds)
Project Length - Approximately 0.809 miles

III. PURPOSE AND NEED

This project seeks to address congestion and safety within the US-62 interstate corridor by improving intersections as well as providing better accommodation for pedestrians. US-62 near I-65 exit 94 is a busy commercial destination which also serves as an important connection to the Interstate System for the city of Elizabethtown. The area adjacent to I-65 contains numerous hotels, gas stations and restaurants with many having direct access to US-62 leading to demand for right and left turns. As US-62 proceeds west from the interstate toward important connecting roads (KY-3005 and US-31W), there are three signals and this leads to congestion and frequent rear end collisions. The growing restaurant and hotel sector within the area has increased the demand for pedestrian accommodations

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 preliminary design and environmental services sufficient to produce right of way plans. This will include further investigating the range of alternatives recommended by the recently published planning study linked below in the Available Studies section, as well as additional public involvement, and early utility and railroad coordination.

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

[Planning Study – Hardin | 4-80200 | US-64](#)

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 2. Prequalification of various Environmental Services are required to be identified in the Consultant's Response to Announcement.

X. 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.

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 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. 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.

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 Site Investigation (Phase 2)
- *UST Closure Assessment** (see note below)

- *Hazmat Corrective Action** (see note below)
- *Hazmat Site Investigation (Phase 2)** (see note below)
- *UST Corrective Action** (see note below)

ENVIRONMENTAL ARCHAEOLOGY & OTHER SERVICES

- Prehistoric Archaeology
- Historic Archaeology
- Environmental Document Writing & Coordination
- Cultural-Historic Analysis
- *Socio-Economic Analysis** (see note below)
- *Highway Noise Analysis** (see note below)

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)

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

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

*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**
- *Travel Demand & Simulation Modeling**

*Utility Design** (see note below)

- *Utility Construction Inspection**
- *Utility Preconstruction Coordination**
- *Gas Level 1**
- *Gas Level 2**
- *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: June 13, 2023
- Response Date: July 5, 2023 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: July 10, 2023
- Final Selection: July 26, 2023
- Pre-Design Conference: August 2, 2023
- Consultant Fee Proposal: August 11, 2023
- Contract Negotiations: August 23, 2023
- Notice to Proceed: September 13, 2023

XVII. PROJECT SCHEDULE

- Public Meeting to Present Alternatives April 2024
- Preliminary Line & Grade July 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. (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. Kevin Blain, P.E., User Division
2. Adam Ulrich, P.E., User Division
3. Larry Krueger, P.E., Secretary's Pool
4. Stephen De Witte, P.E., Secretary's Pool
5. R. Bruce Scott, P.E., Governor's Pool

