

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2024-01
Jefferson | 5-80205 | KY-61

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-61
Item No. - 5-80205.00
Project Description - Improve safety, reduce congestion, and improve multi-modal transportation options along KY-61 from Commerce Crossings Drive (MP 1.395) to Briden Avenue (MP 8.400) including the I-264 (Watterson Expressway) and I-265 (Gene Snyder Freeway) interchanges.

II. PROJECT INFORMATION

Project Manager - Tom Hall, P.E.
User Division - Planning
Approximate Fee - \$340,000 Planning Study (Lump Sum)
Project Funding - STP Funds (Federal Funds)
Project Length - Approximately 7.005 miles

III. PURPOSE AND NEED

The purpose of this project is to improve safety, reduce congestion, and improve multi-modal transportation options along KY-61 from Commerce Crossings Drive to Briden Avenue including the I-264 (Watterson Expressway) and I-265 (Gene Snyder Freeway) interchanges. The KY-61 corridor from Commerce Crossings Drive to Briden Avenue had four roadway segments ranked in the top 40 of the highest roadway crash segments in the KIPDA MPO area for Kentucky (Bullitt, Jefferson, and Oldham Counties) based on recent KIPDA crash data. These are: KY-61 from Blue Lick Road to Outer Loop, KY-61 from Fern Valley Road to East Indian Trail, KY-61 from Gilmore Lane to Grade Lane, and KY-61 from Outer Loop to McCawley Road. Additionally, the following intersections have been identified by KIPDA as being high-crash intersections: KY-61/Grade Lane, KY-61/E Indian Trail, KY-61/KY-1747, and KY-61/KY-1065. In addition, Louisville Metro Government (LMG) is working with the Preston community to develop a plan to guide future growth and redevelopment. Limits of their study (underway with expected completion 7/23) are from Bullitt County to the Ohio River. The LMG Study can be expected to identify desired transportation improvement concepts that may be considered fully or in part as transportation needs within KYTC project corridor.

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 four (4) points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

KYTC planning effort would prepare a Needs Assessment Study, incorporate reasonable findings from Louisville Metro's 2022 Preston Corridor Plan, and then recommend a plan and budget for implementation to address those needs. Expected tasks are expected to include:

- Clarify study area
- Establish Purpose/Need and Goals
- Identify and document existing conditions
- Prepare an Environmental Overview corridor assessment
- Develop traffic modeling assumptions & projections
- Engage local officials, stakeholders, and area residents
- Consider incorporating planning recommendations already done in the corridor to date
- Develop a prioritized list of short, medium, and long-range multi-modal transportation improvement concepts that address needs along the corridor
- Identify needs of the users of the corridor and develop potential improvement options utilizing KYTC's Complete Streets, Roads, and Highways Manual and Policy.
- Prepare cost estimates for future Design, ROW, Utility and Construction phase work

This project may be advanced to Preliminary Engineering upon the completion of the Planning Phase by Contract Modification. The project may then be advanced to Final Design upon the completion of Preliminary Engineering and Environmental Services with a subsequent Contract Modification. The selected Consultant will then be required to provide engineering services to perform Preliminary Engineering, NEPA Clearance, 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>

KYTC will allow the following modifications to the standard response format for response to this project advertisement only.

- Section 3: Project Team Organizational Chart, may be expanded not to exceed one 11" x 17" page

VII. AVAILABLE STUDIES

[Louisville Metro Government – Preston Corridor Plan](#)

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 an Environmental Overview. 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

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.

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 Preliminary and 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. Facility atlas maps received for this project will be provided to the selected Consultant. Sizes and types of underground and aerial utilities shall eventually be identified on the plans for each alignment alternative in the PL&G submittal.

The selected Consultant will identify existing significant utility facilities that may be impacted. The extent to which any existing significant utility facilities may be impacted by any proposed project and any significant adverse effects on the project budget or schedule of any such impacts should be documented.

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 Macroinvertebrate
- 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
- Stream & Wetland Mitigation

INTELLIGENT TRANSPORTATION SYSTEMS

- Technology / System Evaluation
- Architecture Development
- *System Design, Deployment & Integration** (see note below)
- *System Maintenance, Management & Operations** (see note below)

ROADWAY DESIGN

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

TRAFFIC ENGINEERING

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

TRANSPORTATION DELIVERY SYSTEMS

- Transit Technical Studies
- Transit Management

TRANSPORTATION PLANNING

- Traffic Forecasting
- Advanced Transportation Planning Engineering
- Pedestrian & Bicycle Planning & Design
- Transportation Planning Engineering
- Travel Demand & Simulation Modeling
- Conceptual Transportation Planning
- *Traffic Data Collection** (see note below)
- *Road Centerline Data Collection** (see note below)

Right of Way* (see note below)

- *Relocation**
- *Acquisition**
- *Appraisal**

Utility Design* (see note below)

- *Utility Preconstruction Coordination**

** 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: 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

XVII. PROJECT SCHEDULE

- Existing Conditions Meeting January 2024
- 1st Local Elected Officials/Stakeholders/Public Meetings February 2024
- Initial Alternatives Review Meeting June 2024
- 2nd Local Elected Officials/Stakeholders/Public Meetings July 2024
- Final Alternatives Review Meeting September 2024
- Submit Draft Report October 2024
- Submit Final Report December 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. DBE Participation Plan (4 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Tom Hall, P.E., User Division
2. Larry Chaney, P.E., User Division
3. Joseph Van Zee, P.E., Secretary’s Pool
4. Stephen De Witte, P.E., Secretary’s Pool
5. Bart Bryant, P.E., Governor’s Pool

