

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2022-01
Fayette | 7-80150 | US-60

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 - Fayette
Route - US-60
Item No. - 7-80150.00
Project Description - Address congestion and improve safety on US-60 from MP 12.41 to MP 16.37 by widening and modernizing US-60 from the end of the four-lane section near Polo Club Boulevard to KY-859 (Haley Road)

II. PROJECT INFORMATION

Project Manager - Joshua Samples, P.E.
User Division - Highway Design
Approximate Fee - \$550,000 (Lump Sum) Preliminary Engineering & Environmental Services
Project Funding - Federal Funds
Project Length - Approximately 3.96 miles

III. PURPOSE AND NEED

The purpose of this project is to provide additional capacity and mobility on US-60 between Polo Club Boulevard and Haley Road while maintaining driver expectancy and minimizing the impacts to the surrounding environment. The Lexington Urban Service Boundary contains the largest concentration of developed land within Fayette County. With Lexington being a central hub in the medical and education industries, these employers attract several thousand employees from outside Fayette County resulting in heavy traffic on the County's arterial routes. Within the USB, population projections show an increase of 80,000 new residents in the next 20 years. The resulting growth is now generating demand for a safer and more efficient transportation facility including multimodal considerations. With the growth in the nearby Hamburg area, traffic demand is expected to escalate at the I-75 interchanges for Winchester Road as well as Man o War Boulevard. This additional demand suggests a need to divert traffic away from these interchanges with an alternative route. The 2019 traffic count on US-60 in this area was an AADT of 16,402 consisting of 6.1% truck traffic.

IV. DBE REQUIREMENT

The Consultant team shall include a DBE Participation Plan with their Response to Announcement. The plan needs to 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 demonstrate this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected Consultant will be required to provide Preliminary Roadway design and Environmental Services, including the preparation of engineering studies, identification of appropriate typical sections, identifying any utility impacts, performing drainage design, developing dependable cost estimates, and conducting and preparing documents for public meetings.

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

[Feasibility Study – Hamburg I-75 Crossing](#)

[DNA Study – US-60 between Polo Club and Haley Road](#)

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. The environmental document is anticipated to 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 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.

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 perform Basic Traffic Engineering for the project to analyze intersection design and lane requirements. 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. Facility atlas maps received for this project will be provided to the selected Consultant. 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 Closure Assessment
- Hazmat Corrective Action
- UST Site Investigation (Phase 2)
- Hazmat Site Investigation (Phase 2)
- UST Corrective Action

Environmental Aquatic & Terrestrial Ecosystems Analysis

- Botany
- Terrestrial Zoology

Environmental Archeology & Other Services

- Air Quality Analysis
- Prehistoric Archaeology
- Socio-Economic Analysis
- Highway Noise Analysis
- Historic Archaeology
- EIS Writing & Coordination
- Cultural-Historic Analysis
- Stream & Wetland Mitigation

Roadway Design

- Rural Roadway Design
- Surveying
- Urban Roadway Design

Transportation Planning

- Pedestrian & Bicycle Planning & Design

Traffic Engineering

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

Geotechnical Services (please see note below)*

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

Structure Design (please see note below)*

- *Spans Under 500 Feet**

**Note – Geotechnical Services, Structure Design, and some Traffic Engineering 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 13, 2021
- Response Date: August 4, 2021 by 4:30 PM ET (Frankfort Time)
- First Selection: August 9, 2021
- Final Selection: August 25, 2021
- Pre-Design Conference: September 1, 2021
- Consultant Fee Proposal: September 10, 2021
- Contract Negotiations: September 22, 2021
- Notice To Proceed: October 13, 2021

XVII. PROJECT SCHEDULE

- Preliminary Alternates Meeting – May 2022
- Public Meeting – July 2022
- PL&G Inspection – September 2022

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. Joshua Samples, P.E., User Division
2. Adam Ulrich, P.E., User Division
3. David Erickson, P.E., Secretary's Pool
4. Larry Krueger, P.E., Secretary's Pool
5. R. Bruce Scott, P.E., Governor's Pool

XX. AREA MAP

