

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2022-03
Ohio | 2-8951 | KY-54

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 - Ohio
Route - KY-54
Item No. - 2-8951.00
Project Description - Improve safety on KY-54 by upgrading MP 7.0 to MP 8.0 to three lanes including curb and gutter and addressing two sharp turns.

II. PROJECT INFORMATION

Project Manager - Nick Hall
User Division - Highway Design
Approximate Fee - \$375,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - State Funds (SPP)
Project Length - Approximately 0.948 miles

III. PURPOSE AND NEED

The purpose of this project is to improve the safety, traffic flow, and function of KY-54. This section of KY-54 serves as Main Street in Fordsville providing connections to local businesses and services as well residential properties. KY-54 serves as a link to the Owensboro area in Daviess County to the west and the Rough River Lake and Dam in Grayson County to the east. KY-54 boasts an AADT of 3281 vehicles which includes 13% as truck traffic. This section of KY-54 suffers from a number of geometric deficiencies including sharp horizontal curves, deficient sight distance, and narrow lanes or shoulders in certain portions of the roadway. In addition, there is a lack of access management, poorly defined on street parking, and drainage issues in this corridor. This project is needed to address safety and function issues as well as traffic flow.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

To make necessary improvements to KY-54 from MP 7.047 to near Marsh Lane at MP 7.995. This would include addressing geometric deficiencies, instituting access management, improving functionality issues, and addressing any other concerns such as drainage and pavement issues.

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

[DNA Study – Ohio County | 2-8951 | KY-54](#)

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 1. 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

The Department is expected to provide any necessary Structure Design required for the project. However, if structure design is needed 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; however, the selected Consultant must obtain the

required qualifications before providing these services, or bring a prequalified subconsultant at that time.

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; however, the selected Consultant must obtain the required qualifications before providing these services, or bring a prequalified subconsultant at that time.

XIII. TRAFFIC ENGINEERING

The Department will provide all traffic projections and related information.

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.

Prequalification in the area of Utility Preconstruction Coordination is not required to be identified in the Consultant's Response to Announcement.

The Consultant will authorize B.U.D. (Before You Dig) to field-locate utilities during final design. The consultant shall perform field surveys to collect the B.U.D. data. Horizontal location of existing utilities shown on final plans shall be adjusted as necessary to reflect actual B.U.D. locates.

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

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

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
- EIS Writing & Coordination
- Cultural-Historic Analysis
- Stream & Wetland Mitigation

Roadway Design

- Rural Roadway Design
- Surveying
- Urban Roadway Design
- *Advanced Drainage Analysis & Design* (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**

Utility Design (please 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: September 14, 2021
- Response Date: October 6, 2021 by 4:30 PM ET (Frankfort Time)
- First Selection: October 11, 2021
- Final Selection: October 27, 2021

- Pre-Design Conference: November 3, 2021
- Consultant Fee Proposal: November 12, 2021
- Contract Negotiations: November 24, 2021
- Notice To Proceed: December 15, 2021

XVII. PROJECT SCHEDULE

- Alignment Review – April 2022
- Preliminary Line and Grade – July 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. (30 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. Larry Krueger, P.E., User Division
2. Tonya Higdon, P.E., User Division
3. Joseph Van Zee, P.E., Secretary's Pool
4. Charlie Dale, P.E., Secretary's Pool
5. Doug Aaron, Governor's Pool

XX. AREA MAP

