

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2022-04
Bullitt | 5-347.10 | KY-44

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 - Bullitt
Route - KY-44
Item No. - 5-347.10
Project Description - Widen KY-44 from Kings Church Road to the Spencer County line

II. PROJECT INFORMATION

Project Manager - Carl Jenkins, P.E.
User Division - Highway Design
Approximate Fee - \$390,000 Preliminary Engineering (Lump Sum)
Project Funding - Federal Funds (SLO Funds)
Project Length - Approximately 1.01 miles from 25.276 to MP 26.286

III. PURPOSE AND NEED

Improve the efficiency and capacity of the surface transportation infrastructure in order to accommodate the growth of commercial and commuter traffic, relieve congestion, and enhance safety throughout the corridor.

IV. DBE REQUIREMENT

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 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 (Page 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 Engineering Services. Preliminary Engineering includes surveying, preparing preliminary line and grade plans, traffic engineering

analysis as per Design Memo 03-11, preparation of engineering studies, identification of appropriate typical sections, identifying any utility impacts, performing preliminary drainage design, developing dependable cost estimates, conducting and preparing documents for public meetings, develop the Design Executive Summary.

The project may be advanced to Final Roadway Design upon the completion of Preliminary Engineering with a Contract Modification. Final Roadway Design includes at a minimum, preparation of drainage design, right-of-way plans, construction plans including storm water construction and post construction Best Management Practices (BMP), signing and pavement marking plans, traffic control plans, final cost estimates, and an anticipated construction schedule.

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

[Corridor Study Executive Summary – Bullitt | 5-347.10 | KY-44](#)

[Corridor Study Final Report – Bullitt | 5-347.10 | KY-44](#)

[5-347.50 Preferred Alternate – Bullitt | 5-347.10 | KY-44](#)

[State Project No 46 Sec C-G – Bullitt | 5-347.10 | KY-44](#)

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

The Department is expected to provide any necessary Environmental Services required for the project.

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. Additionally, the Structure Design of any proposed structure(s) (possible box culvert extension and or retaining walls) 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. The selected Consultant must obtain the required qualifications before providing these services, or bring a prequalified subconsultant at that time.

XII. GEOTECHNICAL SERVICES

The Department is expected to provide all Geotechnical Services but the selected Consultant may be asked to provide 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. Plans shall be provided by the Consultant in both .pdf and .dgn formats. The consultant will make available, through a file sharing platform, the Rodway plans in .pdf and .dgn formats to the affected utility companies.

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 the 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:

Roadway Design

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

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 – Geotechnical Services, Structural Design, and Utility Design 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: October 12, 2021
- Response Date: November 3, 2021 by 4:30 PM ET (Frankfort Time)
- First Selection: November 8, 2021
- Final Selection: November 22, 2021
- Pre-Design Conference: December 1, 2021
- Consultant Fee Proposal: December 10, 2021
- Contract Negotiations: December 22, 2021
- Notice To Proceed: January 12, 2022

XVII. PROJECT SCHEDULE

- Preliminary Line & Grade – July 2022
- Submit Design Executive Summary – August 2022
- Preliminary Right-of-Way Plans – 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. Carl Jenkins, P.E., User Division
2. Karl Sawyer, P.E., User Division
3. Erika Drury, P.E., Secretary's Pool
4. David Erickson, P.E., Secretary's Pool
5. C. Doug Aaron, Governor's Pool

XX. AREA MAP

