

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2022-03
Larue | 4-80154 | KY-210

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 - Larue/Green/Taylor
Route - KY-210
Item No. - 4-80154.00
Project Description - Address safety by improving existing alignment in spots and add passing lanes along KY-210 from Campbellsville to Hodgenville. Milepoints 0 - 14.148 in Taylor County, Milepoints 6.994 - 16.613 in Larue County, and Milepoints 0 - 0.750 in Green County.

II. PROJECT INFORMATION

Project Manager - Larry Krueger, P.E.
User Division - Highway Design
Approximate Fee - \$1,000,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - State Funds (SPP)
Project Length - Approximately 24.517 miles

III. PURPOSE AND NEED

The purpose of this project is to explore and provide feasible solutions to decrease congestion, reduce travel time, increase passing opportunities, and improve safety along KY-210 from KY-883 in Campbellsville to KY-1618 in Hodgenville.

This section of KY-210 is functionally classified as a Rural Minor Arterial connecting Campbellsville and Hodgenville. There is a high truck percentage and limited passing opportunities, which results in reduced travel time and has contributed to a significant number of collisions. There were 234 collisions reported in the project area during the 4 year period of 1/1/2016 through 12/31/2020. Of these 234 collisions, 45 resulted in injuries and there were 10 fatalities.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected Consultant will be required to provide engineering services to perform Preliminary Engineering. Preliminary Engineering includes preliminary line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage and preliminary structure design, cost estimates, and gathering any necessary survey for the project area.

The selected Consultant may be required to provide Final Roadway Design, which may be added to the contract agreement by a contract modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of joint inspection plans, drainage design, Preliminary, Advanced, and Final drainage folders, right-of-way plans, construction plans 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

[DNA Study – Larue/Green/Taylor | 4-80154 | KY-210](#)

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 3. 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. 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.

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.

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

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 and Structural Design, and various Environmental Services 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 & Grade August 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. Chris Smith, P.E., User Division
2. Adam Ulrich, P.E., User Division
3. Stephen De Witte, P.E., Secretary's Pool
4. Larry Krueger, P.E., Secretary's Pool
5. Bart Bryant, P.E., Governor's Pool

XX. AREA MAP

