

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2022-08
Warren | 3-8854 | KY-234

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 - Warren
Route - KY-234
Item No. - 3-8854.00
Project Description - Major widening/reconstruction of Cemetery Road (KY-234) from Fountain Trace to Roger Porter Road (MP 7.878 to MP 9.625)

II. PROJECT INFORMATION

Project Manager - Stewart Lich, P.E.
User Division - Highway Design
Approximate Fee - \$750,000 Preliminary Engineering, Final Engineering & Environmental Services (Lump Sum)
Project Funding - SPP Funds (State Funds)
Project Length - Approximately 1.747 miles

III. PURPOSE AND NEED

KY-234 between MP 7.878 and MP 9.625 is a two lane facility that services residential developments along with travelers between Barren River Lake/Scottsville and Bowling Green. The purpose of this project is to address deficiencies in lane/shoulder width along with an unforgiving roadside.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected Consultant will be required to provide Preliminary Engineering, Final Engineering and Environmental Services. Preliminary Engineering includes surveying, 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 and conducting and preparing documents for public meetings.

The selected Consultant will then be required to provide engineering services to perform Final Roadway Design, including the preparation of any design studies, 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, and final 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

[DNA Study – Warren | 3-8854 | KY-234](#)

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 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

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 Department is expected to provide all Geotechnical Services but the selected Consultant may be asked to provide Geotechnical Services required for the projects. 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 Department will provide a preliminary utility contact list, will provide all utility cost estimates, as well as coordinate the utility plans and relocation. The selected consultant shall be responsible for verifying utilities involved, performing a level B locate, and including the location, size, and type of utilities on the plans.

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 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
- Environmental Document Writing & Coordination
- Cultural-Historic Analysis
- Stream & Wetland Mitigation

Roadway Design

- Rural Roadway Design
- Surveying

Geotechnical Services* (see note below)

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

Structure Design* (see note below)

- Spans Under 500 Feet*

* Note – Geotechnical Services and Structure 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: February 8, 2022
- Response Date: March 2, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: March 7, 2022
- Final Selection: March 23, 2022
- Pre-Design Conference: March 30, 2022
- Consultant Fee Proposal: April 8, 2022
- Contract Negotiations: April 20, 2022
- Notice to Proceed: May 11, 2022

XVII. PROJECT SCHEDULE

- Conceptual Alternatives Meeting – September 1, 2022
- Public Meeting – October 15, 2022
- Preliminary Line & Grade Inspection – January 15, 2023
- Design Executive Summary – March 1, 2023
- Joint Inspection – October 1, 2023
- Right of Way Plans – December 1, 2023
- Final Plans – December 1, 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. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Stewart Lich, P.E., User Division
2. Tonya Higdon, P.E., User Division
3. David Erickson, P.E., Secretary's Pool
4. Stephen De Witte, P.E., Secretary's Pool
5. Bart Bryant, P.E., Governor's Pool

XX. AREA MAP

Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently.
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