

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2021-02
Breathitt | 10-375 | KY-205

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 - Breathitt
Route - KY-205
Item No. - 10-375
Project Description - Improve KY-205 from north of KY-1812 to south of Peggs Fork Road

II. PROJECT INFORMATION

Project Manager - Min Jiang, P.E.
User Division - Highway Design
Approximate Fee - \$550,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - Federal Funds (FED)
Project Length - Approximately 2.15 miles

III. PURPOSE AND NEED

The KY 205 corridor is a vital arterial route that provides road network connectivity between Morgan, Wolfe and Breathitt County in eastern part of Kentucky. This project will improve a section of KY 205 that has drainage and roadway design deficiencies, including substandard curves, narrow lanes and narrow shoulders, which result in numerous problems related to safety of the traveling public. This project will consider improvements to the last unimproved segment on KY-205 on a minor arterial between Jackson and Mtn. Parkway. This project will improve the connectivity along the entire KY 205 corridor by providing users with a modern roadway facility.

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 conduct Preliminary Engineering studies to identify appropriate typical sections, utility impact, environmental impacts, and right-of-way impacts for each studied alternate and provide a dependable cost estimate for each studied alternate.

The selected Consultant may be required to provide engineering services to perform Final Roadway Design, which may be added to the contract by a Contract Modification when Preliminary Engineering is complete.

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 – Breathitt | 10-375 | KY-205](#)

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 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 anticipated to provide any necessary Structure Design required for the project. The selected Consultant shall do the necessary engineering services to submit to KYTC an Advanced Situation Folder(s) for the appropriate and applicable structure(s).

XII. GEOTECHNICAL SERVICES

The Department is anticipated to provide all Geotechnical Services required for the project.

XIII. TRAFFIC ENGINEERING

The Department is anticipated to provide all traffic projections and related information.

XIV. RIGHT-OF-WAY SERVICES

The selected Consultant may be asked to provide right-of-way services including but not limited to titles and closing, appraisals and appraisal reviews, acquisitions, relocations, and property management. These services may be needed on this project if a contract modification is initiated for Final Design and the District deems this necessary based on current workload or project schedule. The Consultant shall be required to follow the current policy and procedures established by the Division of Right-of-Way and Utilities. Prequalification in the area of Right-of-Way is not required to be identified in the Consultant's response to Announcement.

XV. UTILITIES

The selected Consultant shall locate all existing utilities and locate them on the plans provided to the Department. The Department will develop the utility contact list. All utilities including aerial carriers shall be field verified by the Consultant. Size and types of underground and aerial utilities shall be identified on the plans.

XVI. 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
- Urban Roadway Design

ENVIRONMENTAL ARCHAEOLOGY & OTHER SERVICES

- Prehistoric
- Historic
- Air Quality Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination
- Socio-Economic Analysis
- Highway Noise

ENVIRONMENTAL & UST SERVICES

- UST & Hazmat Preliminary Site Assessment (Phase 1)

ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEM ANALYSIS

- Fisheries
- Freshwater Macroinvertebrates
- Water Quality
- Botany
- Terrestrial Zoology
- Wetlands

STRUCTURE DESIGN (please see note below)

- Spans Under 500 Feet

GEOTECHNICAL SERVICES (please see note below)

- Geotechnical Drilling
- Geotechnical Engineering
- Geotechnical Laboratory Testing

RIGHT OF WAY SERVICES (please see note below)

- Acquisition
- Relocation

Note – Structure Design, Geotechnical Services, and Right of Way prequalifications are not required with the initial proposal as it is uncertain to the extent practicable if they are necessary. Should any of these services become necessary during the delivery of the project, the selected Consultant team must obtain the required qualifications before providing those services.

XVII. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date: August 11, 2020
- Response Date: September 2, 2020 by 4:30 PM ET (Frankfort Time)
- First Selection: September 9, 2020
- Final Selection: September 23, 2020
- Pre-Design Conference: September 30, 2020
- Consultant Fee Proposal: October 9, 2020
- Contract Negotiations: October 21, 2020
- Notice To Proceed: November 11, 2020

XVIII. PROJECT SCHEDULE

- Preliminary Line and Grade Inspection – April 15, 2021
- Joint Inspection – October 12, 2021
- Right-of-Way/Utility Plans – December 18, 2021
- Final Plans – May 6, 2022

XIX. 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)

XX. SELECTION COMMITTEE MEMBERS

1. Min Jiang, P.E., User Division
2. Aric Skaggs, P.E., User Division
3. Erika Drury, P.E., Secretary's Pool
4. Joseph Van Zee, P.E., Secretary's Pool
5. R. Bruce Scott, P.E., Governor's Pool

