

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2023-03
Powell | 10-176 | KY-15
Wolfe | 10-177 | KY-15

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 - Powell
Route - KY-15
Item No. - 10-176.00
Project Description - Minor widening to improve redundancy of regional travel.

County - Wolfe
Route - KY-15
Item No. - 10-177.00
Project Description - Minor widening to improve redundancy of regional travel.

II. PROJECT INFORMATION

Project Manager - Ethan Adams, P.E.
User Division - Highway Design
Approximate Fee - \$250,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - STP Funds
Project Length - Approximately 3.45 miles

Project Manager - Ethan Adams, P.E.
User Division - Highway Design
Approximate Fee - \$250,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - STP Funds
Project Length - Approximately 5.104 miles

III. PURPOSE AND NEED

The KY-15 corridor is a rural major collector that provides access to residents, businesses, and recreational facilities in Powell and Wolfe counties. This corridor runs parallel to the Mountain Parkway between Exits 33 and 40. The purpose of this project is to improve the redundancy of regional travel by providing roadway users with a modern and safe roadway facility that can serve

as an alternate route to the Mountain Parkway between Exits 33 and 40. Currently, the KY-15 corridor is not a sufficient redundant route to the Mountain Parkway, with several roadway deficiencies including narrow lanes with narrow shoulders, steep grades, and numerous deficient horizontal curves. The KY-15 corridor was used as a detouring route in 2020 when the Mountain Parkway was closed for an extended period, however because of the roadway deficiencies it could only accommodate one direction of travel, with a second, much longer detouring route serving the other travel direction. The deficiencies of KY-15 resulted in difficulties accommodating detouring traffic in the single travel direction it was serving.

IV. DBE GOAL

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 should 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 (Section 7) to exhibit this plan. A maximum of four (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 and environmental services 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.

This project may be advanced to Final Design upon the completion of Preliminary Engineering with a Contract Modification. The selected Consultant will then be required to provide engineering services to perform Final Roadway and Structural Design, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans, and 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 - Powell & Wolfe | 10-176 & 10-177 | KY-15](#)

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

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. 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.

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

Right of Way* (see note below)

- *Relocation**
- *Acquisition**
- *Appraisal**
- *Appraisal Review**

Structure Design* (see note below)

- Spans Under 500 Feet*

* 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 13, 2022
- Response Date: October 5, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: October 10, 2022
- Final Selection: October 26, 2022
- Pre-Design Conference: November 2, 2022
- Consultant Fee Proposal: November 11, 2022
- Contract Negotiations: November 23, 2022
- Notice to Proceed: December 14, 2022

XVII. PROJECT SCHEDULE

- Preliminary Line and Grade June 14, 2023
- Joint Inspection December 15, 2023
- Right-of-Way Plans March 15, 2024
- Final Plans December 30, 2024

XVIII. EVALUATION FACTORS

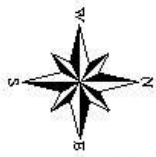
Consultants will be evaluated by the selection committee based on the following weighted factors:

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. DBE Participation Plan. (4 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Ethan Adams, P.E., User Division
2. Amanda Desmond, P.E., User Division
3. Charlie Dale, P.E., Secretary's Pool
4. Larry Krueger, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

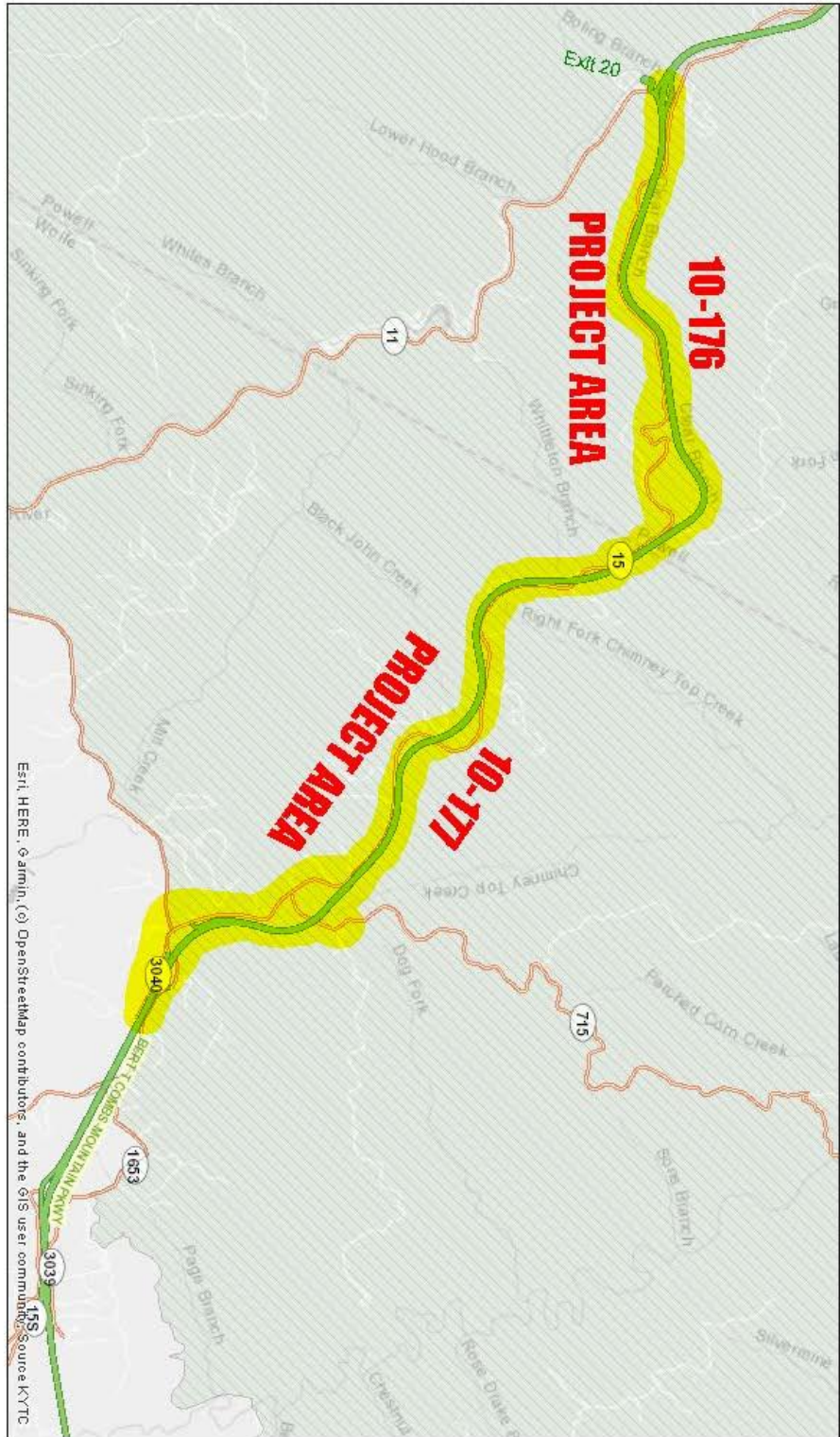
XX. AREA MAP



Legend	
	DBNF Proclamation_Bnd
	Interstate
	Parkway
	US Highway
	State Road



Author: Professional Services
Date: 8/24/2022



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