

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2023-06
Kenton | 6-80217 | KY-536

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 - Kenton
Route - KY-536
Item No. - 6-80217.00
Project Description - Provide connectivity, improve mobility, and reduce congestion along KY-536 from KY-17 to KY-16; include multi-modes.

II. PROJECT INFORMATION

Project Manager - Mike Bezold, P.E.
User Division - Highway Design
Approximate Fee - \$1,000,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - State Funds (SPP Funds)
Project Length - Approximately 1.46 miles

III. PURPOSE AND NEED

KY-536 is a narrow two-lane facility not equipped to safely accommodate existing and projected traffic volumes, and has no accommodations for bicyclists or pedestrians. This area is increasingly urban and connects residential areas to an elementary school and commercial establishments. Numerous vertical and horizontal deficiencies are present along KY-536, including sharp curves and poor sight distance. KY-536 has nonexistent, and/or dropping shoulders. The intersections lack turn lanes around White's Tower Elementary.

IV. DBE GOAL

The Consultant team may include a DBE Participation Plan with their Response to Announcement to help the Department meet the 11.95% DBE goal established by FHWA. If included, an additional page will be allowed in the Project Approach (Section 7) to demonstrate this plan. The plan would demonstrate how DBE companies will be mentored or used to assist in the area(s) pertaining to this contract. No additional points will be provided in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

The Consultant team shall utilize modern techniques to provide surveying services and develop a preliminary design for KY-536 (Harris Pike) from KY-17 to KY-16, as well as a potentially realigned KY-16, per the OKI KY-536 Scoping Study.

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

[OKI Scoping Study – Kenton | 6-80217 | KY-536](#)

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 Consultant will provide mapping and will furnish manuscripts in ORD format. Statewide Elevation data and Aerial photography can be found at the following link [KyFromAbove - Kentucky's Aerial Photography & Elevation Data Program](#). The selected Consultant shall supplement this information with conventional surveying as determined during project scoping.

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.

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 selected Consultant will provide the analysis of the existing and proposed operations. Traffic Signal Design and Lighting Design services, if 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 traffic services.

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 selected Consultant will provide SUE (Subsurface Utility Engineering) work as needed to field-locate utilities. Horizontal and vertical location of existing utilities shown in the roadway plans shall be adjusted by the Consultant as necessary to reflect actual SUE results.

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

ROADWAY DESIGN

- Rural Roadway Design
- Advanced Traffic Engineering Design & Modeling
- Surveying
- Advanced Drainage Analysis & Design
- Urban Roadway Design

TRANSPORTATION PLANNING

- Traffic Forecasting
- Traffic Data Collection
- *Pedestrian & Bicycle Planning & Design** (*please see note below*)

*Geotechnical Services** (*please see note below*)

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

*Structure Design** (*please see note below*)

- *Spans Under 500 Feet**

*Traffic Engineering** (*please see note below*)

- *Traffic Engineering**
- *Electrical Engineering Traffic Signals**

Utility Design* (please see note below)

- Water & Sewer Level 1*
- Water & Sewer Level 2*

* 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: December 13, 2022
- Response Date: January 11, 2023 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: January 17, 2023
- Final Selection: February 1, 2023
- Pre-Design Conference: February 8, 2023
- Consultant Fee Proposal: February 17, 2023
- Contract Negotiations: March 1, 2023
- Notice to Proceed: March 22, 2023

XVII. PROJECT SCHEDULE

- Preliminary Line & Grade August 1, 2023
- Preliminary Utility Plans January 1, 2024
- Environmental Document January 1, 2024
- Joint Inspection August 1, 2024
- Right-of-Way & Utility Plans November 1, 2024
- Final Plans November 1, 2025

XVIII. EVALUATION FACTORS

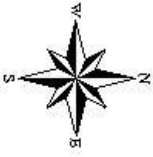
Consultants will be evaluated by the selection committee based on the following, weighted factors:

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. Mike Bezold, P.E., User Division
2. Amanda Desmond, P.E., User Division
3. Joseph Van Zee, P.E., Secretary's Pool
4. Stephen De Witte, P.E., Secretary's Pool
5. R. Bruce Scott, P.E., Governor's Pool

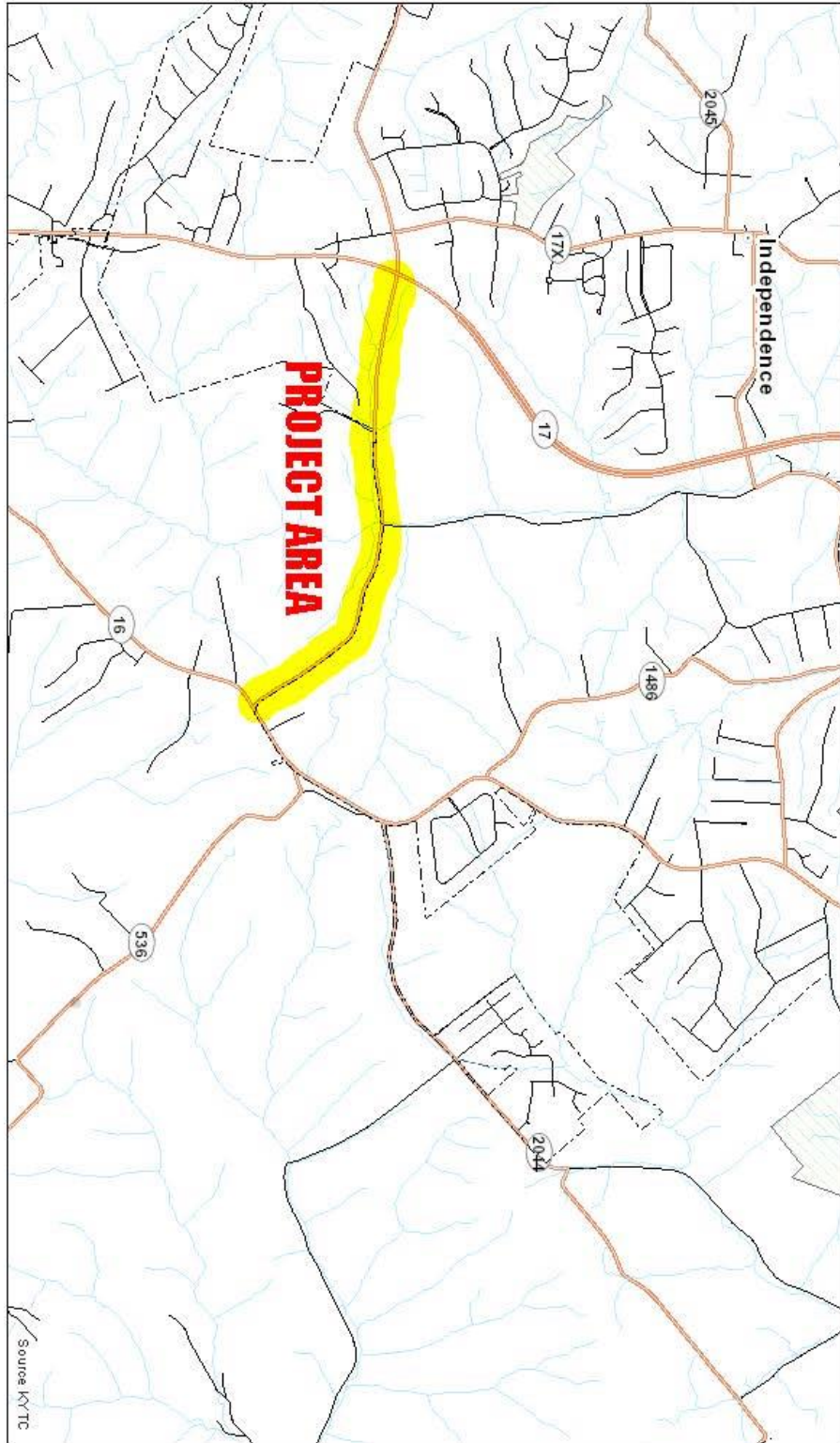
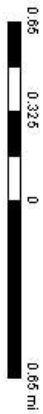
XX. AREA MAP



KY 536
Kenton County
Item No. 6-80217.00
KY 536 from KY 17 to KY 16



Author: Professional Services
Date: 12/6/2022



6-80217 Kenton County