

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2023-06
Oldham | 5-8852 | KY-53

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 - Oldham
Route - KY-53
Item No. - 5-8852.00
Project Description - Design for improving KY-53 from Zhale Smith Road to KY-22

II. PROJECT INFORMATION

Project Manager - Patrick Matheny, P.E.
User Division - Highway Design
Approximate Fee - ~~\$850,000~~ \$335,000 Preliminary Engineering & Environmental Services & ~~Final Roadway Design~~ (Lump Sum)
Project Funding - Federal Funds (STP Funds)
Project Length - Approximately 3.20 miles

III. PURPOSE AND NEED

The “purpose and need” for this project is to provide the traveling public a safe facility which meets current design standards. The goals for this project are:

- To increase safety and reduce accidents.
- To improve capacity and level of service of the roadway.
- To accommodate the forecasted increase in automotive and commercial truck traffic on KY-53.
- To provide a roadway facility the meets current design standards.

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 responsible for:

- Any remaining preliminary engineering activities;
- Gathering necessary survey for updated areas;
- Reviewing and confirming the previously selected alignment and bringing it up to standards, if necessary;
- Updating the selected alternative for changes in existing approach roads and entrances;
- Completing the necessary environmental investigations and creating the required NEPA document;
- ~~Final Roadway Design, including drainage design, right-of-way plans, construction plans, Traffic Management Plans (TMP), Signing and Striping plans, and cost estimates~~
- Any other services that KYTC chooses not to perform with in-house forces.

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

[DES - Oldham | 5-388 | KY-53](#)

[Preliminary Alternative Report - Oldham | 5-388 | KY-53](#)

[Plan Sheet - Oldham | 5-388 | KY-53](#)

[Profile Sheet - Oldham | 5-388 | KY-53](#)

[Environmental Overview - Oldham 5-388 KY-53](#)

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

The selected Consultant shall do the necessary engineering services to submit to the KYTC an Advanced Situation Folder(s) for the appropriate structure(s). 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 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 Site Investigation (Phase 2)
- Hazmat Site Investigation (Phase 2)

ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS ANALYSIS

- Botany
- Terrestrial Zoology
- Wetlands
- 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
- Advanced Drainage Analysis & Design

TRANSPORTATION PLANNING

- Pedestrian & Bicycle Planning & Design

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

- NEPA Document: November 1, 2023
- Joint Inspection: January 31, 2024
- Submit Right-of-Way Plans: July 3, 2024
- Final Plans & Construction Review: December 18, 2024
- Submit Check Prints: June 25, 2025
- Submit Final Plans & Specs: October 8, 2025

XVIII. EVALUATION FACTORS

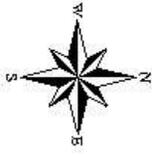
Consultants will be evaluated by the selection committee based on the following weighted factors:

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

XIX. SELECTION COMMITTEE MEMBERS

1. Patrick Matheny, P.E., User Division
2. Karl Sawyer, P.E., User Division
3. Larry Krueger, P.E., Secretary's Pool
4. Charlie Dale, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

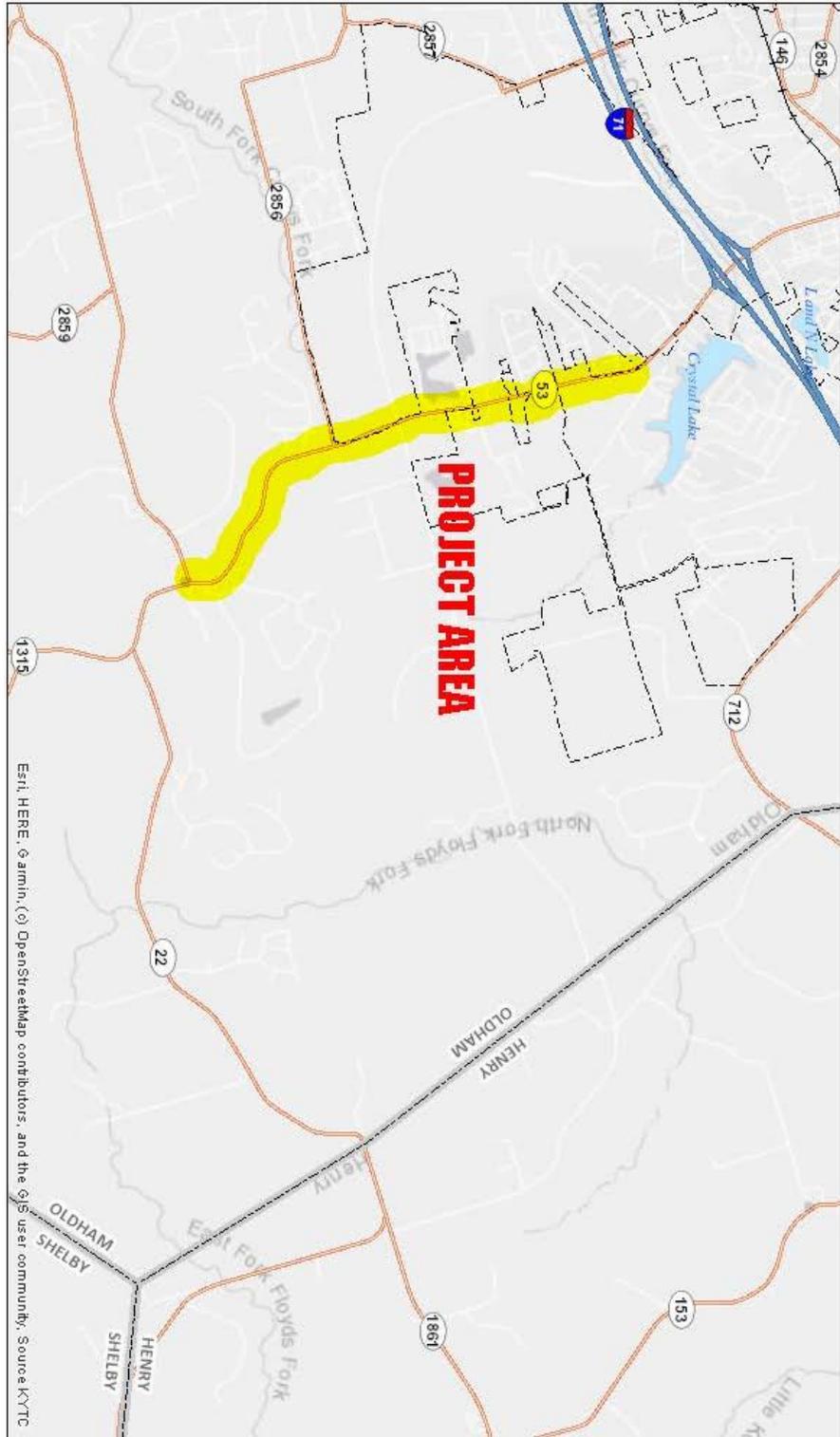
XX. AREA MAP



KY 53
Oldham County
 Item No. 5-8852.00
 Improve KY 53 from ZHale
 Smith Road to KY 22



Author: Professional Services
 Date: 10/24/2022



5-8852 Oldham