

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2023-02
Hopkins | 2-384 | KY-281

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 - Hopkins
Route - KY-281
Item No. - 2-384.00
Project Description - Improve KY-281 from Island Park Drive to 0.25 mi north of Carriage Lane (KY-2281)

II. PROJECT INFORMATION

Project Manager - Renee Boucherie, P.E.
User Division - Highway Design
Approximate Fee - \$350,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - Federal Funds (STP2)
Project Length - Approximately 1.004 miles

III. PURPOSE AND NEED

The purpose of this project is to improve safety, traffic flow, and function of KY-281. This section of KY-281 connects to the improved section of KY-281 near the I-69 Interchange and provides access to residential areas and businesses along this route. In addition, Carriage Lane serves as a link to Brown Road which houses James Madison Middle School and numerous residences. This portion of KY-281 contains geometric deficiencies, lacks pedestrian facilities, has drainage issues, and contains numerous access points within a tight corridor. The KY-281/Carriage Lane intersection has extremely deficient site distance issues and geometric deficiencies. This project is needed to provide a safe and reliable route for those accessing businesses along KY-281, a nearby school, and residential areas in the northeast quadrant of Hopkins County.

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. If included, 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 engineering services to perform Preliminary Engineering and Environmental. Preliminary Engineering includes preliminary line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage and preliminary structure design, cost estimates, and gathering any necessary survey for the project area.

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, 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 – Hopkins | 2-384 | KY-281](#)

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

Some necessary Environmental Services are expected to be provided by the Consultant. The anticipated environmental document will be a Categorical Exclusion Level 1. 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. 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. 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.

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. 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 Consultant will authorize B.U.D. (Before You Dig) to field-locate utilities during final design and any other associated utility location service outside of B.U.D., as needed. 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 ARCHEOLOGY & OTHER SERVICES

- Prehistoric Archaeology
- Socio-Economic Analysis
- Historic Archaeology
- Environmental Document Writing & Coordination
- Cultural-Historic Analysis

ROADWAY DESIGN

- Rural Roadway Design
- Surveying
- Urban Roadway Design

Geotechnical Services* (please see note below)

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

Structure Design* (please see note below)

- Spans Under 500 Feet*

Utility Design* (please see note below)

- Utility Preconstruction Coordination*

* 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: August 9, 2022
- Response Date: August 31, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: September 2, 2022
- Final Selection: September 21, 2022
- Pre-Design Conference: September 28, 2022
- Consultant Fee Proposal: October 7, 2022
- Contract Negotiations: October 19, 2022
- Notice to Proceed: November 9, 2022

XVII. PROJECT SCHEDULE

- Alternate Review March 2023
- Preliminary Line and Grade June 2023

XVIII. EVALUATION FACTORS

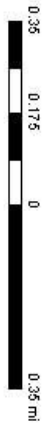
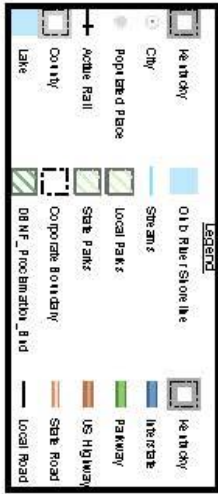
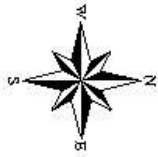
Consultants will be evaluated by the selection committee based on the following weighted factors:

1. Project approach and proposed procedures to accomplish the services for the project. (30 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. (10 Points)
3. Past record of performance on projects similar in type and complexity. (10 Points)
4. Capacity to comply with project schedule. (10 Points)
5. DBE Goal. (4 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Renee Boucherie, P.E., User Division
2. Tonya Higdon, P.E., User Division
3. Joseph Van Zee, P.E., Secretary's Pool
4. Larry Krueger, P.E., Secretary's Pool
5. R. Bruce Scott, P.E., Governor's Pool

XX. AREA MAP



Author: Professional Services
Date: 7/21/2022



2-384 - Hopkins County

XXI.