

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2021-02
Hopkins | 2-8305 | US-41

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 - US-41
Item No. - 2-8305
Project Description - Improve North Main Street from Hospital Drive to KY-281

II. PROJECT INFORMATION

Project Manager - Renee Boucherie, P.E.
User Division - Highway Design
Approximate Fee - \$250,000 Preliminary Engineering (Lump Sum)
Project Funding - Federal Funds (FED)
Project Length - Approximately 0.559 miles

III. PURPOSE AND NEED

The section of US 41 identified in this project is a three-lane roadway that serves an ADT of over 20,000 according to a 2015 traffic count. This section of the minor arterial is a highly congested area that serves a significant amount of commercial development. The project area begins with the intersection of Hospital Drive that provides access to Baptist Health, which serves as a major health care provider in the area. The project area culminates at the intersection of US 41 with US 41A and KY 281. Both US 41 north of the intersection and KY 281 are currently five lane facilities. US 41A is currently under construction to widen to a five lane facility.

In addition, there are a significant amount of pedestrians along the project area with no pedestrian facilities north of the railroad bridge. There is a small section of sidewalk on the east side of US 41 south of the railroad bridge. There are currently pedestrian facilities south of the US 41/Hospital Drive intersection that continue into the downtown Madisonville area as well as pedestrian facilities that continue of US 41 north of the US 41/US 41A/KY 281 intersection and east onto KY 281. Pedestrian facilities will be added along US 41A with a project currently in construction.

This project also includes a railroad overpass bridge that crosses near MP 17.2. The area at this overpass is prone to flooding. The railroad bridge and the drainage issues both present challenges that will have to be addressed with this project.

In summary, the purpose of this project is to improve the traffic flow, increase capacity, improve safety for motorists and pedestrians, and enhance the efficiency and connections of US 41.

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 provide engineering services to perform Preliminary Engineering. Preliminary Engineering includes:

- Preliminary Line and Grade plans, cost estimates, and Design Executive Summary
- Preliminary drainage design
- Traffic Engineering analysis as per Design Memo 03-11
- Conducting Public Involvement activities
- Gathering any necessary survey for the project area

The selected Consultant may be required to provide Final Roadway Design and Structural Design, which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of joint inspection plans, drainage design, right-of-way plans, construction plans, traffic control plans, final cost estimates, and an anticipated construction schedule.

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 | 2-8305 | US-41](#)

[Roadway \(2-137.20\) – Hopkins | 2-8305 | US-41](#)

[Xsections \(2-137.20\) – Hopkins | 2-8305 | US-41](#)

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.

IX. ENVIRONMENTAL SERVICES

The Department will provide any necessary Environmental Services required for the project.

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 required to be identified in the Consultant's Response to Announcement.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XIII. TRAFFIC ENGINEERING

The Department will provide all traffic projections and related information.

XIV. UTILITIES

The Department will develop the utility contact list. The selected consultant shall locate all existing utilities and locate them on the plans provided to the Department. 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.

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:

ROADWAY DESIGN

- Urban Roadway Design
- Surveying

TRAFFIC ENGINEERING

- Traffic Engineering Services

STRUCTURAL DESIGN

- Spans under 500 feet

XVI. 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

XVII. PROJECT SCHEDULE

- Preliminary Line and Grade – April 2021

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 Participation Plan. (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. Kevin Sandefur, P.E., User Division
3. David Erickson, P.E., Secretary's Pool
4. Larry Krueger, P.E., Secretary's Pool
5. John Greenwell, P.E., Governor's Pool

XX. AREA MAP

