

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2021-07
Marshall | 1-398 | US 62

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 - Marshall
Route - US-62
Item No. - 1-398.00
Project Description - Improve access and reduce congestion on US 62 from KY 95 to the existing four-lane highway at Lone Valley Road near the I-24/I-69 interchange.

II. PROJECT INFORMATION

Project Manager - Chris Kuntz, P.E.
User Division - Highway Design
Approximate Fee - \$300,000 Preliminary Engineering (Lump Sum)
Project Funding - Federal Funds
Project Length - Approximately 1.4 miles

III. PURPOSE AND NEED

The US-62 corridor serves as a major collector that provides access to Calvert City and the surrounding area. This portion of northern Marshall County has both manufacturing and tourism assets that are served by this route. This section of US-62 is also linked by two interchanges of I-24/I-69. US-62 currently has an ADT of approximately 6,000 with a truck percentage of 17%. On the east end, this project ties into a project which brought a pedestrian path and other beautification measures to the section of US-62 from the interstate to KY Dam Village SRP. Calvert City also has plans to extend their pedestrian access along Lone Valley Rd.

The purpose of this project is to improve congestion, safety, and traffic flow. In addition, this project should address the need for turn lanes, evaluate any intersection issues, and consider pedestrian facilities to provide connectivity along the corridor.

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:

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

The selected Consultant may be required to provide Final Roadway 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

[HSIP Project Info – Marshall | US-62](#)

[DNA Study – Marshall County | US-62 | Item 1-398](#)

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

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

The Department will provide any necessary Structure Design required for the project.

XII. GEOTECHNICAL SERVICES

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

XIII. TRAFFIC ENGINEERING

The selected Consultant will provide the analysis of the existing and proposed operations. The selected consultant will be responsible for collecting traffic data. Traffic Forecasting will be done by the Department. Traffic Signal Design and Roadway 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 Department will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

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

- Rural Roadway Design
- Advanced Traffic Engineering and Design Modeling
- Surveying
- Urban Roadway Design

Traffic Engineering

- Traffic Engineering
- *Electrical Engineering Roadway Lighting **
- *Electrical Engineering Traffic Signals **

Transportation Planning

- Traffic Data Collection
- Pedestrian & Bicycle Planning and Design

** Note – Electrical Engineering Roadway Lighting and Electrical Engineering Traffic Signals 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: January 12, 2021
- Response Date: February 3, 2021 by 4:30 PM ET (Frankfort Time)
- First Selection: February 8, 2021
- Final Selection: February 24, 2021
- Pre-Design Conference: March 3, 2021
- Consultant Fee Proposal: March 12, 2021
- Contract Negotiations: March 24, 2021
- Notice To Proceed: April 14, 2021

XVII. PROJECT SCHEDULE

- Preliminary Line and Grade Meeting – October 2021
- Submit Design Executive Summary – November 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. (25 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. (5 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. Chris Kuntz, P.E., User Division
2. Randy Turner, P.E., User Division
3. Charlie Dale, 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

Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently.
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