

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2023-04
Menifee | 10-80200 | US-460
Menifee | 10-80201 | US-460

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 - Menifee
Route - US-460
Item No. - 10-80200.00
Project Description - Improve safety, correct geometrics, and enhance regional connectivity on US-460 from the intersection of KY-1240 to 0.7 miles east of the Morgan County line.

County - Menifee
Route - US-460
Item No. - 10-80201.00
Project Description - Improve safety, correct geometrics, and enhance regional connectivity on US-460 from the bridge over Dog Trot Fork (MP 3.3) to Rothwell (MP 4.8).

II. PROJECT INFORMATION

Project Manager - Min Jiang, P.E.
User Division - Highway Design
Approximate Fee - \$1,450,000 - Preliminary Engineering & Environmental Services
10-80200 - \$1,000,000 Lump Sum
10-80201 - \$450,000 Lump Sum
Project Funding - NH Funds (Federal Funds)
Project Length - 10-80200.00 - Approximately 4.47 miles
10-80201.00 - Approximately 1.5 miles

III. PURPOSE AND NEED

US-460 corridor is a vital arterial route that provides road network connectivity between various cities and communities in Kentucky and Virginia. The first project (10-80200) will improve a section of US-460 from the intersection of KY-1240 in Menifee County to 0.7 miles east of Morgan County Line. This section of US-460 has drainage and roadway design deficiencies, including

substandard curves, narrow lanes and narrow shoulders, which result in numerous problems related to safety of the traveling public. The second project (10-80201) will improve a section of US-460 from the bridge over Dog Trot Fork (MP 3.3) to bottom of Rothwell Hill (MP 4.8) in Menifee County. This section of US-460 has drainage and roadway design deficiencies, including substandard curves, narrow lanes and narrow shoulders, which result in numerous problems related to safety of the traveling public. The purpose of these projects is to improve safety and connectivity along US-460 corridor by providing users with a modern roadway facility.

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 required to provide preliminary engineering and environmental services to identify appropriate typical sections, utility impacts, environmental impacts, and right-of-way impacts for each studied alternate and provide a dependable cost estimate for each studied alternate.

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

If interested, consultants may submit responses to both Item 10-80200 and 10-80201 within the Consultant Portal. If interested in both projects, the consultant must submit an identical response for Item 10-80200 and for Item 10-80201 within the Consultant Portal. If submitting for both projects, Section 7 (Project Approach) of the Consultant Response to Announcement may be expanded to a total of 8 pages, including DBE Participation Plan, to accommodate project approaches for both sections. Any consultant that submits a response for only a single project shall be limited to the standard four page Section 7 (Project Approach) if a DBE Participation Plan is included.

The same Consultant shall not be selected for both projects. The selection committee will determine which project will be awarded first and the highest ranked Consultant for that project will be selected. If necessary, that Consultant will then be removed from consideration for the remaining project while all remaining firms will be considered.

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 – Menifee | 10-80200 | US-460](#)

[DNA Study – Menifee | 10-80201 | US-460](#)

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 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 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. However, the selected Consultant must obtain the required qualifications before providing these services or bring a prequalified subconsultant at that time.

XIII. TRAFFIC ENGINEERING

The Department will provide all traffic projections and related information.

XIV. RIGHT-OF-WAY SERVICES

The selected Consultant may be asked to provide right-of-way services including but not limited to titles and closing, appraisals and appraisal reviews, acquisitions, relocations, and property management. These services may be needed on this project if a contract modification is initiated for Final Design and the District deems this necessary based on current workload or project schedule. The Consultant shall be required to follow the current policy and procedures established by the Division of Right-of-Way and Utilities. Prequalification in the area of Right-of-Way 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.

XV. 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. Prequalification in the area of Utilities 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.

XVI. 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** (see note below)
- *Hazmat Corrective Action** (see note below)
- *UST Site Investigation (Phase 2)** (see note below)
- *Hazmat Site Investigation (Phase 2)** (see note below)
- *UST Corrective Action** (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
- Surveying

Geotechnical Services* (see note below)

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

Right of Way* (see note below)

- *Relocation**
- *Acquisition**
- *Appraisal**
- *Appraisal Review**

Structure Design* (see note below)

- *Spans Under 500 Feet**

Transportation Planning* (see note below)

- *Pedestrian & Bicycle Planning & Design**

Utility Design* (see note below)

- *Utility Construction Inspection**
- *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.*

XVII. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date: October 11, 2022
- Response Date: November 2, 2022 by 4:30 PM ET (Frankfort Time)

- First Selection Meeting: November 7, 2022
- Final Selection: November 21, 2022
- Pre-Design Conference: November 30, 2022
- Consultant Fee Proposal: December 9, 2022
- Contract Negotiations: December 21, 2022
- Notice to Proceed: January 11, 2023

XVIII. PROJECT SCHEDULE

- Alternate Review & Public Meeting September 2023
- Preliminary Line and Grade Inspection October 2023

XIX. 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)

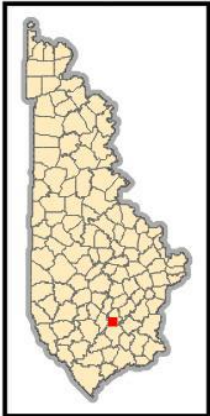
XX. SELECTION COMMITTEE MEMBERS

1. Min Jiang, P.E., User Division
2. Aric Skaggs, P.E., User Division
3. Stephen De Witte, P.E., Secretary's Pool
4. Erika Drury, P.E., Secretary's Pool
5. Bart Bryant, P.E., Governor's Pool

XXI. AREA MAP



US 460
Menifee County
Item No. 10-80200.00
Improve safety, geometrics
and enhance connectivity



Author: Professional Services
Date: 9/28/2022

