

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2019-12
Oldham | 5-483.10 | I-71

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 - I-71
Item No. - 05-00483.10
Project Description - Widen I-71 from four to six lanes from KY-329 (MP 14.1) to KY-393 (MP 18)

II. PROJECT INFORMATION

Project Manager - Andre Johannes, P.E.
User Division - Highway Design
Approximate Fee - \$1,000,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - Federal Funds (STP)
Project Length - Approximately 3.900 miles

III. PURPOSE AND NEED

The purpose of this project is to address the capacity deficiencies and operational issues of existing I-71 corridor and provide increased efficiency and safety for the travelling public.

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 conduct Preliminary Engineering studies to identify appropriate typical section, utility impacts, line and grade and a dependable cost estimate. The

selected Consultant will provide all other environmental services including an approved environmental document which is anticipated to be a CE3.

After Preliminary Engineering & Environmental work is complete KYTC may initiate a Contract Modification for Final Roadway Design for this project. Final Roadway Design may include the preparation of any design studies, drainage design, right-of-way plans, construction plans, and cost estimates.

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

[2014 I-71 Corridor Study](#)

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

Any necessary Environmental Services will 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

Photogrammetric information is not available for this project. The selected Consultant is required to include Mobile LiDAR in their contract for digital mapping in lieu of conventional surveying of the existing terrain. Conventional surveying may be necessary in limited situations. LiDAR data must conform to KYTC accuracy standards.

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 is expected to provide all Geotechnical Services required for the project.

XIII. TRAFFIC ENGINEERING

The Department is expected to provide all traffic projections and related information.

XIV. SIGNING

The selected Consultant will be responsible for providing all necessary signing design and signing plans for construction.

XV. LIGHTING

The selected Consultant will be responsible for providing all necessary lighting design and lighting plans for construction, if necessary.

XVI. UTILITIES

The selected Consultant will be responsible for determining the existing locations of utilities to determine feasibility of redesign or utility relocation and cost estimates.

XVII. 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
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet

ENVIRONMENTAL AQUATIC AND TERRESTRIAL ECOSYSTEMS

- Fisheries
- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

ENVIRONMENTAL AND UST SERVICES

- Hazmat Preliminary Site Assessment (Phase I)
- UST Preliminary Site Assessment

ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination

GEOTECHNICAL SERVICES (please see note below)

- *Drilling Services*
- *Engineering Services*
- *Laboratory Testing Services*

TRAFFIC OPERATIONS (please see note below)

- *Electrical Engineering Roadway Lighting Services*

RIGHT OF WAY SERVICES (please see note below)

- *Acquisition Services*
- *Relocation Services*

UTILITY DESIGN SERVICES (please see note below)

- *Communication*
- *Gas Level 1*
- *Water & Sewer Level 1*
- *Water & Sewer Level 2*
- *Utility Preconstruction Coordination*
- *Utility Construction Inspection*

Note – Geotechnical, traffic, right-of-way, and/or utility design prequalifications are not required with the initial proposal as it is uncertain to the extent practicable if they are necessary. Should any of these services become necessary during the delivery of the project, the selected Consultant team must obtain the required qualifications before providing those services.

XVIII. PROCUREMENT SCHEDULE

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

- Bulletin Posted – June 11, 2019
- Response Date – July 3, 2019 by 4:30 PM ET (Frankfort Time)
- First Selection – July 8, 2019
- Final Selection – July 24, 2019
- Pre-Design Conference – July 31, 2019
- Fee Proposal – August 9, 2019
- Contract Negotiations – August 21, 2019
- Notice to Proceed – September 19, 2019

XIX. PROJECT SCHEDULE

- Preliminary Line & Grade Inspection – June 2020
- Completed Phase I Design – November 2020
- Joint Inspection – September 2021
- Right of Way and Utility Plans – December 2021
- Final Plans – July 2023

XX. 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)

XXI. SELECTION COMMITTEE MEMBERS

1. Andre Johannes, P.E., User Division
2. Ross Mills, P.E., User Division
3. Patrick Perry, P.E., Secretary's Pool
4. Stewart Lich, P.E., Secretary's Pool
5. Kellie Baker, P.E., Governor's Pool

XXII. AREA MAP

