

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2019-02
Barren | 3-10001 | US-31EX

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 - Barren
Route - US-31EX
Item No. - 03-10001.00
Project Description - Address deficiencies of US-31EX bridge over Water Street.
(005B00058N)

II. PROJECT INFORMATION

Project Manager - David Erickson, P.E.
User Division - Highway Design
Approximate Fee - \$225,000 Preliminary Engineering and Final Design (Lump Sum)
Project Funding - Federal (BR) funds
Project Length - Approximately 0.01 miles

III. PURPOSE AND NEED

The structural safety and configuration of a culvert carrying US-31EX over W. Water Street for use by the motoring public has deficiencies that need to be addressed. As a result, Water Street has been closed to traffic passing through the structure. The purpose of this project is to address these deficiencies and provide a new structure that reduces maintenance needs for this crossing, adequately carries local traffic demands, improves vertical clearance along Water Street and provides elements that complement the original structure aesthetics.

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 responsible for Preliminary Engineering and Final Roadway Design, including the preparation of preliminary line and grade and grade plans, drainage design, right-of-way plans, construction plans, traffic control plans, cost estimates, and advanced situation folders for structural design.

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

[Bridge Inspection Report – Jan. 2018 – Barren | 3-10001 | US-31EX](#)

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 selected Consultant will provide Environmental Services. The document type will be decided at a later date based on data received by the base line studies, Army Corps of Engineers requirements, and/or other agency directives.

X. PHOTOGRAMMETRIC SERVICES

The selected Consultant shall be responsible for any required conventional surveying as needed.

XI. STRUCTURE DESIGN

The selected Consultant shall do all the necessary engineering services to submit to the KYTC Advanced Situation Folders for the appropriate structures. The selected Consultant may be responsible for any necessary Structure Design services. Structure Design of the proposed structures may be included in the original contract agreement or added as a Contract Modification at the appropriate time. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised structural design services.

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

XIII. TRAFFIC

The Department will provide all traffic projections and related information.

XIV. UTILITIES

The selected Consultant may be required to provide utility related services for this project, which may include construction inspection.

The selected Consultant shall locate all existing utilities and locate them on the plans provided to the Department. 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.

The Department will authorize B.U.D. (Before You Dig) to field-locate utilities during final design. 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:

ROADWAY DESIGN

- Urban Roadway Design
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet

ENVIRONMENTAL AQUATIC AND TERRESTRIAL ECOSYSTEMS

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

ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

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

ENVIRONMENTAL AND UST SERVICES

- UST & Hazmat Preliminary Site Assessment (Phase 1) **or**
 - Hazmat Preliminary Site Assessment (Phase 1) **and**
 - UST Preliminary Site Assessment

GEOTECHNICAL SERVICES

- Drilling Services
- Engineering Services
- Laboratory Testing Services

XVI. PROCUREMENT SCHEDULE

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

- Bulletin Posted – August 14, 2018
- Response Date – ~~September 5, 2018 by 4:30 PM ET (Frankfort Time)~~
September 12, 2018 by 4:30 PM ET (Frankfort Time)
- First Selection – ~~September 10, 2018~~ **September 17, 2018**
- Final Selection – ~~September 26, 2018~~ **October 3, 2018**
- Pre-Design Conference – ~~October 3, 2018~~ **October 10, 2018**
- Fee Proposal – ~~October 12, 2018~~ **October 19, 2018**
- Contract Negotiations – ~~October 24, 2018~~ **October 31, 2018**
- Notice to Proceed – ~~November 21, 2018~~ **November 29, 2018**

XVII. PROJECT SCHEDULE

- Preliminary Line and Grade – January 15, 2019
- Joint Inspection – May 1, 2019
- Approved Environmental Document – February 15, 2019
- Preliminary Right-of-Way and Utility Plans – June 1, 2019
- Construction Plans – December 1, 2019

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. (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)

XIX. SELECTION COMMITTEE MEMBERS

1. David Erickson, P.E., User Division
2. Stewart Lich, P.E., User Division
3. Darren Back, P.E., Secretary's Pool
4. Wendy Southworth, P.E., Secretary's Pool
5. Brad Rister, P.E., Governor's Pool

