

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2017-10
Hart | KY 335 | 4-441

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 - Hart
Route - KY 335
Item No. - 04-0441.00
Project Description - Improve Connectivity and Safety by providing a route for truck traffic west of Horse Cave on KY 335 from KY 218 to US 31W to avoid the railroad crossing and downtown area. (16CCR)

II. PROJECT INFORMATION

Project Manager - Larry Krueger, P.E.
User Division - Highway Design
Approximate Fee - \$400,000 Public Involvement & Environmental Services (Lump Sum)
Project Funding - State Funded (SPP funds)
Project Length - Approximately 1.3 miles

III. PURPOSE AND NEED

The purpose of this project is to improve the connectivity and mobility for truck traffic from US 31W just south of Horse Cave to I-65.

The industrial site in Horse Cave is located along US 31W south of the KY 218 intersection. This site is home to multiple manufacturers which employ hundreds and use numerous trucks to transport goods from these facilities to I-65. The Average Daily Traffic (ADT) on US 31W from MP 0.00 to 2.667 in 2015 was 7839 with 7.5% trucks and the ADT on KY 218 from MP 5.34 to 7.64 was 2415 (2014) with 19.6% representing trucks. The intersection of US 31W and KY 218 is poorly designed including an at-grade railroad crossing within 200 feet of the intersection and poor geometry. The combination of traffic congestion at the intersection, railroad traffic and poor geometry has resulted in delays for all legs of the intersection and increases the potential for crashes. There have been 18 crashes in the last 5 years in the study area including 3 fatalities and 12 injury crashes.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected Consultant will be required to provide public involvement services and environmental services. Public Involvement services shall include at a minimum, coordinating and conducting public involvement activities throughout the design process and occasional consultation of in-house preliminary design plans. Preliminary Roadway Design will be provided by KYTC for this project. Anticipated Environmental Services are outlined in Section IX.

The selected Consultant may be required to provide Final Roadway Design and Final Structure Design Plans, which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is finalized and Environmental Services are approved.

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:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[DNA Study – Hart County | Item No. 4-441 | KY 335 from KY 218 to US 31W](#)

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

It is anticipated that the Environmental Document will consist of an EA/FONSI.

The selected Consultant will provide Environmental Services. The document type will be decided at a later date based on funding sources, Army Corps of Engineers requirements, and/or other agency directives.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide statewide aerial imagery and LiDAR data (LAS format) for the project area which should be sufficient for the majority of the Preliminary Engineering work. Additional survey by conventional survey methods will be required should the contract be modified into Final Design.

XI. STRUCTURE DESIGN

Structure Design is not anticipated for Preliminary Design, although preliminary structure layout and sizing will be provided by KYTC. Should the contract be modified into Final Design, the Consultant shall do the necessary engineering services to submit to the KYTC an Advanced Situation Folder(s) for the appropriate structure(s). Structural Design of some or all of the proposed structure(s) may be added as a Contract Modification. Prequalification in Structure

Design for Spans under 500 feet is required to respond to this advertisement.

XII. GEOTECHNICAL SERVICES

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

XIII. TRAFFIC

The Traffic projections and related information will be provided by the Department.

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
- 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

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

XVI. PROCUREMENT SCHEDULE

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

- Bulletin Posted - April 11, 2017
- Response Date - May 3, 2017 by 4:30 PM ET (Frankfort Time)
- First Selection - May 9, 2017
- Final Selection - May 24, 2017
- Pre-Design Conference - May 31, 2017
- Fee Proposal - June 9, 2017
- Contract Negotiations - June 21, 2017
- Notice to Proceed - July 20, 2017

XVII. PROJECT SCHEDULE

- Preliminary Line and Grade – January 2018
- Draft EA to KYTC – November 2018

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. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XIX. SELECTION COMMITTEE MEMBERS

1. Larry Krueger, P.E., User Division
2. Kevin Martin, P.E., User Division
3. Brent Sweger, P.E., Secretary's Pool
4. Nikki Boden, P.E., Secretary's Pool
5. Brad Rister, P.E., Governor's Pool

XX. AREA MAP

**PROJECT MAP
HART COUNTY
ITEM NO. 4-441.00**

