

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2019-03
Kenton | 6-449 | KY-17

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 - Kenton
Route - KY-17
Item No. - 06-0449.00
Project Description - Improve safety and reduce congestion on KY-17 at the I-275 interchange

II. PROJECT INFORMATION

Project Manager - Brandon Seiter, P.E.
User Division - Highway Design
Approximate Fee - \$350,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - Federal Road Funds
Project Length - Approximately 0.5 miles

III. PURPOSE AND NEED

KY-17 is a major North South arterial in Kenton County, having an ADT over 37,000 vehicles per day. A large portion of this traffic is turning onto I-275, which has all of the ramps located on the west side of KY-17. This large amount of traffic, with a very large percentage making left turn movements creates extreme congestion in this area, with the left turning vehicles filling the existing left turn lanes and backing into the mainline traffic. This project will look at these intersections and determine improvements that will improve travel times on KY-17 while avoiding impacts to I-275 and avoiding the need for an Interchange Modification Study.

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 develop a traffic simulation model to determine the exact scope and benefits for this project. Once potential improvements are identified, and an alternate is selected, the selected Consultant will be responsible for final roadway and signal plans for the selected alternate, which may be added by contract modification.

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

[Kenton County | KY 17 \(Madison Pike\) DNA Study](#) *Updated 09/17/2018

[Kenton County | KY 17 \(Madison Pike\) Conceptual Design](#)

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

XII. GEOTECHNICAL SERVICES

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

XIII. TRAFFIC

The selected Consultant will provide the analysis of the existing and proposed operations. Traffic Signal Design and 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 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.

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
- 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

GEOTECHNICAL SERVICES

- Drilling Services
- Engineering Services
- Laboratory Testing Services

TRAFFIC ENGINEERING

- Traffic Engineering Services

XVI. PROCUREMENT SCHEDULE

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

- Bulletin Posted – September 11, 2018
- Response Date – October 3, 2018 by 4:30 PM ET (Frankfort Time)
- First Selection – October 8, 2018
- Final Selection – October 24, 2018
- Pre-Design Conference – October 31, 2018
- Fee Proposal – November 9, 2018
- Contract Negotiations – November 21, 2018
- Notice to Proceed – December 20, 2018

XVII. PROJECT SCHEDULE

- Traffic Simulation Model – April 15, 2019
- Preliminary Line & Grade Inspection – May 15, 2019
- Joint Inspection – September 1, 2019
- Environmental Document – October 1, 2019
- Right-of-Way & Utility Plans – October 1, 2019
- Final Plans – September 1, 2020

XVIII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

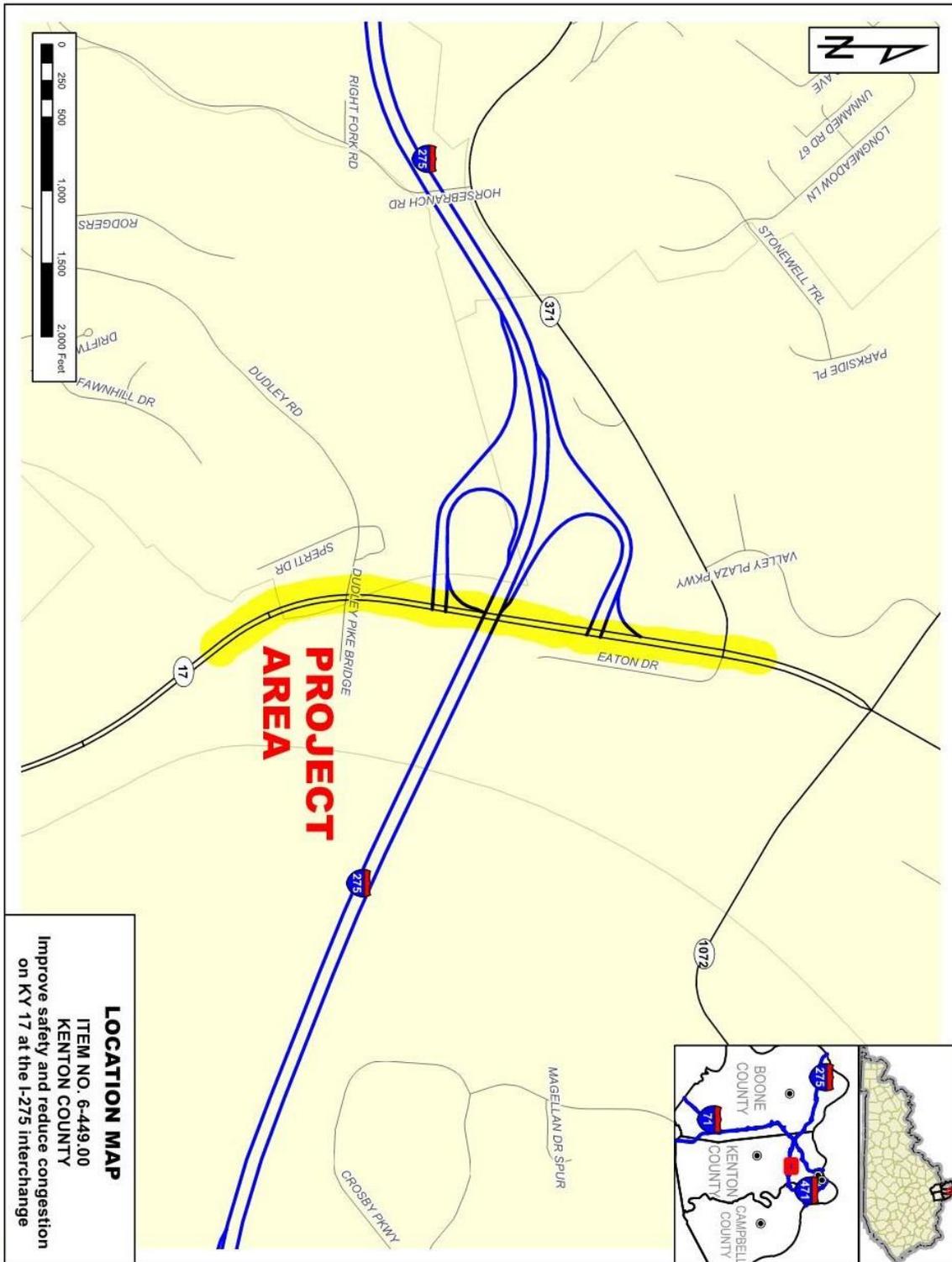
1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Brandon Seiter, P.E., User Division
2. Randy Turner, P.E., User Division
3. Brent Sweger, P.E., Secretary's Pool
4. Wendy Southworth, P.E., Secretary's Pool
5. Mark Day, 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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LOCATION MAP
 ITEM NO. 6-449.00
 KENTON COUNTY
 Improve safety and reduce congestion
 on KY 17 at the I-275 interchange

Date: 9/10/2018