

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2019-08
Boone | 6-444 | KY-236 / Boone | 6-445 | KY-3076

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 - Boone
Route - KY-236
Item No. - 06-00444.00
Project Description - Improve safety and reduce congestion along KY 236 (Houston Road) to KY 3076 (Mineola Pike).

County - Boone
Route - KY-3076
Item No. - 06-00445.00
Project Description - Improve freight mobility and reduce congestion on KY 3076 (Mineola Pike) from KY 236 to I-275.

II. PROJECT INFORMATION

Project Manager – Mike Bezold, PE
User Division – Highway Design
Approximate Fee – \$2,000,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding – Federal Road Funds (STP Funds)
Project Length – Approximately 2.64 miles

III. PURPOSE AND NEED

KY-236 (Donaldson Road) and KY-3076 (Mineola Pike) are intersecting routes in Boone County that currently have ADT's of 14,600 vpd (vehicles per day) and 15,400 vpd respectively, and serve as critical connectors between I-275 and CVG Airport. Large commercial and industrial development on and around CVG Airport are increasing the usage of these routes, with a projected 2040 ADT of 21,800 vpd for KY-236 and 25,700 vpd for KY-3076. These routes need to adequately move vehicles and freight between the various critical resources in the area. The purpose of this project is to improve the capacity of these routes, and reduce congestion in the surrounding area.

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 Consultant team shall utilize modern techniques to provide surveying services and develop a preliminary design for KY-236 (Donaldson Road) from KY-842 (Houston Road) to KY-3076 (Mineola Pike), for KY-3076 (Mineola Pike) from KY-236 (Donaldson Road) to I-275, and a new intersection that ties in South Airfield Road, as well as a potentially realigned KY-717 (Turfway Road), per the CVG Circulation Study Exhibit.

After Preliminary Engineering & Environmental work is complete the Consultant may also be asked to 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

[CVG Circulation Study Recommendation – Boone | 6-444 | KY-236 & Boone | 6-445 | KY-3076](#)

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 2. 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 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 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

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

GEOTECHNICAL SERVICES

- Drilling Services
- Engineering Services
- Laboratory Testing Services

TRAFFIC ENGINEERING

- Traffic Engineering Services

RIGHT OF WAY SERVICES (please see note below)

- *Acquisition Services*
- *Relocation Services*

UTILITY DESIGN SERVICES (please see note below)

- *Communication*
- *Electrical Level 1*
- *Electrical Level 2*
- *Gas Level 1*
- *Gas Level 2*
- *Water & Sewer Level 1*
- *Water & Sewer Level 2*

- *Petroleum*
- *Utility Preconstruction Coordination*
- *Utility Construction Inspection*

Note – 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 these services become necessary during the delivery of the project, the selected Consultant team must obtain the required qualifications before providing those services.

XVI. PROCUREMENT SCHEDULE

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

- Advertisement Date – February 12, 2019
- Response Date – March 6, 2019 by 4:30pm ET (Frankfort Time)
- First Selection Meeting – March 11, 2019
- Final Selection Meeting – March 27, 2019
- Pre-Design Conference – April 3, 2019
- Fee Proposal – April 12, 2019
- Contract Negotiations – April 24, 2019
- Notice to Proceed – May 23, 2019

XVII. PROJECT SCHEDULE

- Preliminary Line & Grade – April 1, 2020
- Preliminary Right-of-Way & Utility Plans – April 1, 2020
- Joint Inspection – June 1, 2021
- Environmental Document – August 1, 2020
- Right-of-Way & Utility Plans – August 1, 2021
- Final Plans – August 1, 2024

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. Mike Bezold, P.E., User Division
2. Randy Turner, P.E., User Division
3. Stewart Lich, P.E., Secretary's Pool
4. Wendy Southworth, P.E., Secretary's Pool
5. Cole Mitcham, 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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