

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2018-12
Breathitt | 10-376 | KY 15

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 - Breathitt
Route - KY 15
Item No. - 10-0376.00
Project Description - Improve KY-15 from the intersection of new KY-15 to the intersection of KY-1812.

II. PROJECT INFORMATION

Project Manager - Darren Back, P.E. / Aric Skaggs, P.E.
User Division - Highway Design
Approximate Fee - \$300,000 Preliminary Engineering (Lump Sum)
Project Funding - NH funds (Federal)
Project Length - Approximately 1.150 miles

III. PURPOSE AND NEED

The KY 15 corridor is a vital arterial route into the Appalachian region of Kentucky. This section of KY 15 is a three-lane rural section that carries a variety of users through the City of Jackson and contains intersections to local roads and accesses to several businesses. It has much higher than average crash occurrences for a facility of this type. Current numbers show that it is functioning at nearly full capacity. No pedestrian accommodations exist through the majority of this section despite regular pedestrian usage. The intent of this project is to provide a safer and more efficient corridor for all user types.

IV. DBE REQUIREMENT

The Consultant team shall include a DBE Participation Plan with their Response to Announcement. 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 may be required to provide engineering services to perform Final Roadway Design, which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is complete. Final Roadway Design will 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

[DNA Study – Breathitt | 10-376 | KY-15](#)

[LiDAR Extraction DGN – Breathitt | 10-376 | KY-15](#)

[LiDAR Extraction DTM – Breathitt | 10-376 | KY-15](#)

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 Department. The anticipated environmental document will be a Categorical Exclusion Level 3.

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

The Department will provide any necessary Structure Design required for the project.

XII. GEOTECHNICAL SERVICES

The Department 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
- Urban Roadway Design
- Surveying

TRAFFIC ENGINEERING

- Traffic Engineering Services

XVI. PROCUREMENT SCHEDULE

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

- Bulletin Posted – June 12, 2018
- Response Date – July 5, 2018
- First Selection – July 9, 2018
- Final Selection – July 25, 2018
- Pre-Design Conference – August 1, 2018
- Fee Proposal – August 10, 2018
- Contract Negotiations – August 22, 2018
- Notice to Proceed – September 20, 2018

XVII. PROJECT SCHEDULE

- Alignment Review Meeting – January 2019
- Public Meeting – May 2019
- Preliminary Line and Grade – August 2019
- Preliminary Right-of-Way and Utility Plans – October 2019
- Design Executive Summary Approval – December 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. Darren Back, P.E., User Division
2. Wendy Southworth, P.E., User Division
3. Brent Sweger, P.E., Secretary's Pool
4. Mikael Pelfrey, P.E., Secretary's Pool
5. Mark Day, P.E., Governor's Pool

XX. AREA MAP

