

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2018-10
Fayette | I-64/I-75 | 7-8909

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 - Fayette
Route - I-64 / I-75
Item No. - 07-8909.00
Project Description - Reduce congestion on I-64 / I-75 from the southern split (MP 111) to the northern split (MP 118).

II. PROJECT INFORMATION

Project Manager - Joshua Samples, P.E.
User Division - Highway Design
Approximate Fee - \$800,000 Preliminary Engineering (Lump Sum)
Project Funding - NH funds (Federal Funds)
Project Length - Approximately 6.6 miles

III. PURPOSE AND NEED

The purpose of the proposed project is to decrease congestion and improve safety, operations, and roadway traffic capacity on the combined I-75/I-64 interstate route around Lexington. The project is needed to address the increased traffic along the project corridor in recent years as well as anticipated continued population growth in Fayette and surrounding counties.

IV. DBE REQUIREMENT

Consultants should 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 with the Project Approach (page 7) in the Response to Announcement to convey 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 provide engineering services to:

- Prepare Preliminary Line & Grade plans, estimates, and Design Executive Summary.
- Supplemental surveying in the project area.
- Analyze existing and proposed traffic, including existing hourly traffic counts, traffic projections, existing and proposed interstate operations, and related information.
- Analyze safety and geometrics along the mainline at all interchanges within the study area.
- Conduct public involvement activities.
- Perform safety analysis utilizing the Highway Safety Manual and software.
- Preliminary drainage design.
- Preliminary Right-of-Way design.
- Cost estimates associated with Preliminary Engineering.
- Develop and produce a Categorical Exclusion Level 3 Environmental Document.

This project may be advanced to Final Design and other project development services, with a Contract Modification. The selected Consultant will then be required to provide engineering services to perform Final Roadway Design, including the preparation of any design studies, drainage design, right-of-way plans, construction plans, traffic control plans, and cost estimates as well as any other services that KYTC chooses not to perform with in-house forces.

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

[Fayette | Item No. 7-8909 | Lane Addition Study](#)

Note: This linked study references an alternative design that may be considered as a viable alternative; however, additional alternatives will be considered. A Highway Safety Manual Analysis will be required for each alternative.

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

The selected Consultant will provide any necessary Environmental Services. The anticipated environmental document will be a Categorical Exclusion Level 3.

X. PHOTOGRAMMETRIC SERVICES

KYTC will provide LiDAR digital mapping. The selected Consultant may be required to collect additional information by conventional survey methods.

XI. STRUCTURE DESIGN

Structure Design is not anticipated for Preliminary Design. For Final Design, if necessary the 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 will be responsible for any necessary structure design. Structural Design of any proposed structure(s) may be added as a Contract Modification. Prequalification in Structure Design is required to respond to this advertisement.

XII. GEOTECHNICAL SERVICES

The selected Consultant may provide all Geotechnical Services required for the project. The Preliminary Design contract will 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 KYTC has the capacity to provide these services, KYTC may retain the advertised geotechnical services.

XIII. TRAFFIC

The traffic counts and forecast will be provided by KYTC. The selected Consultant will provide the analysis of the existing and proposed interstate 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 KYTC has the capacity to provide these services, KYTC may retain the advertised traffic and lighting design services.

XIV. RIGHT OF WAY

The selected Consultant may be asked to provide right of way services including but not limited to titles and closing, appraisals and appraisal reviews, acquisitions, relocations, property management, condemnation services, and expert witness services. Prequalification in Right of Way services is required to respond to this advertisement.

XV. 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.

The selected Consultant may be asked to provide utility design services including but not limited to coordination with utility owners, execution of agreements, and inspection services.
~~Prequalification in Utility Design services is required to respond to this advertisement.~~

XVI. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement, except where noted.

ROADWAY DESIGN

- Rural Roadway Design
- Urban Roadway Design
- Surveying
- Advanced Traffic Engineering Design & Modeling

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 I) and
 - UST Preliminary Site Assessment

GEOTECHNICAL SERVICES

- Drilling Services
- Engineering Services
- Laboratory Testing Services

TRAFFIC OPERATIONS

- Traffic Engineering Services
- Electrical Engineering Traffic Signal Services
- Electrical Engineering Roadway Lighting 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 Utility Design prequalifications are required with the initial proposal. If these services are not provided by the prime consultant, the prime consultant shall not have an exclusive teaming arrangement for said services. Discovery of an exclusive teaming arrangement for these services shall lead to disqualification.

XVII. PROCUREMENT SCHEDULE

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

- Bulletin Posted – April 10, 2018
- Response Date – May 2, 2018 by 4:30 PM ET (Frankfort Time)
- First Selection – May 7, 2018
- Final Selection – May 23, 2018
- Pre-Design Conference – May 30, 2018
- Fee Proposal – June 8, 2018
- Contract Negotiations – June 20, 2018
- Notice to Proceed – July 19, 2018

XVIII. PROJECT SCHEDULE

- Preliminary Line & Grade – April 1, 2019

XIX. 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. 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.

XX. SELECTION COMMITTEE MEMBERS

1. Joshua Samples, P.E., User Division
2. Patrick Perry, P.E., User Division
3. Wendy Southworth, P.E., Secretary's Pool
4. Mikael Pelfrey, P.E., Secretary's Pool
5. Brad Rister, P.E., Governor's Pool

XXI. AREA MAP

