

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2018-11
New Corridor Study between I-65 in Bullitt Co. and I-71 in Oldham Co.
5-564

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

Planning study to evaluate new route connecting I-65 in Bullitt County to I-64 in Shelby/Jefferson County to I-71 in Oldham County.

II. PROJECT INFORMATION

Counties – Bullitt, Shelby, Spencer, Jefferson, and Oldham
Project Manager – Susan Oatman, P.E.
District 5 Liaison – Tom Hall, P.E.
Division of Planning Liaison – John Moore, P.E.
User Division – State Highway Engineer's Office
Approximate Fee – \$1,800,000 Lump Sum
Project Funding – Federal (STP funds)

III. PURPOSE OF CONTRACT

The purpose of this study is to determine the need for a new route that would provide a connection from I-65 in Bullitt County to I-64 in Shelby/Jefferson County to I-71 in Oldham County.

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 to demonstrate this plan. A maximum of 8 points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected Consultant shall be responsible for assisting the Department in the development and delivery of the planning study, including:

- Draft purpose and need statement and identify project goals.
- Gather origin/destination information on interstate routes in and around the Louisville Metro area/surrounding counties to determine traffic patterns in the region and anticipated use of new roadway.
- Collect, summarize and verify existing data and findings from previous studies and/or highway projects on routes that may be affected by the new roadway.
- Identify potential, viable corridors for the new roadway alignment.
- Study in greater detail three to four viable corridors (does not include no-build).
- Provide cost estimates for all viable corridors.
- Identify engineering, operational, constructability and environmental constraints for all viable corridors.
- Create a red flag summary by mapping environmental resources, geotechnical, utilities, drainage, flood plain, and R.O.W.
- Provide traffic for the existing, future no build, and all future build scenarios.
- Prepare for and lead project team meetings and, as needed, stakeholder meetings.
- Prepare a draft and final *Feasible Alternatives Report*.

The Consultant may be asked to assist in preparation of traffic modeling studies. This may include traffic data collection, travel demand and simulation modeling, and traffic forecasting. The Consultant shall be required to demonstrate experience with travel demand modeling and traffic forecasting. The studies will be used to support design and environmental efforts.

Revenue studies are not required with the initial contract; however, KYTC may include additional investigations and preparation of a preliminary financial plan by contract modification.

The Consultant may be asked to perform Preliminary Engineering services by Contract Modification upon the completion of the initial planning study. Preliminary Engineering includes line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage, and cost estimates. The Consultant may also be asked to perform Final Design services by Contract Modification upon the completion of Preliminary Engineering.

VI. SPECIAL INSTRUCTIONS

Instructions for Response to Announcement can be found at:

<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

KYTC will allow the following modifications to the standard response format for response to this project advertisement only.

- KYTC will allow for font smaller than 10 point throughout but all text must remain legible
- Page 3: Project Team Organizational Chart, may be expanded not to exceed two 8.5" x 11" pages (A-B) or one 11" x 17" page
- Page 4 (A-E): Relative Experience of Key Project Team Members, may be expanded not to exceed 10 pages total (A-J)
- Page 5 (A-B): Available Team Workload Capacity, may be expanded not to exceed 4 pages (A-D)
- Page 6 (A-E): Relative Experience of Proposed Team, may be expanded not to exceed 10 pages total (A-J)

- Page 7 (A-C): Project Approach, may be expanded not to exceed 10 pages total (A-J). As standard procedure, the DBE Participation Plan should also be included in this portion of the response.

VII. STRUCTURE DESIGN

Structure Design services are not required for the initial contract; however if the KYTC chooses to advance the project by Contract Modification to preliminary engineering and final design, the selected Consultant will be responsible for any necessary Structure Design Services. These services will include any necessary engineering services to submit to the KYTC an Advanced Situation Folder(s) for the appropriate structure(s). Prequalification in Structure Design is required to respond to this advertisement.

VIII. INTERVIEW

The selection committee will shortlist three (3) proposers who submit a responsive proposal to participate in an oral interview. All responding firms should be prepared to present a short presentation and respond to questions. The oral interview will last no more than 60 minutes. Each Proposer will be limited to a 30 minute presentation followed by question and answer session which should last no more than 30 minutes. The presentation shall not be used to fill in missing or incomplete information in the written proposal. KYTC will ask the Proposers specific questions relative to their proposal as well as follow-up questions. The oral interview will not be scored separately but rather is intended solely for KYTC to seek clarification of the Proposer's proposal. Proposers will not be permitted to ask questions of KYTC.

Persons with a disability may request a reasonable accommodation such as a sign language interpreter. Request for accommodations must be made one week in advance of the meeting, to allow time to arrange the accommodation.

Each firm shall be required to bring the Consultant's Project Manager and up to four other individuals to the interview.

Members of the KYTC's Selection Committee will attend each oral interview. Additional subject matter experts, FHWA staff and District and Planning Liaisons may also attend the interviews. Elected officials will not be permitted to attend. KYTC will terminate the interview promptly at the end of the allocated time.

KYTC may audio tape, videotape and/or use a court reporter to document the oral interviews. All interviews will be held at the Kentucky Transportation Building at 200 Mero Street, Frankfort, Kentucky.

IX. PREQUALIFICATION REQUIREMENTS

To respond to this project, the consultant project team must be prequalified in the following areas by the response due date of this advertisement.

[Transportation Planning](#)

- Planning Services
- Transportation Corridor & Systems Planning
- Traffic Data Collection

- Traffic Demand and Simulation Modeling
- Traffic Forecasting

Roadway Design

- Rural Roadway Design
- Urban Roadway Design
- Advanced Traffic Engineering Design and Modeling

Structure Design

- Spans Under 500 feet

Traffic Engineering

- Traffic Engineering Services
- Electrical Engineering Services for Traffic Signals
- Electrical Engineering Services for Roadway Lighting

Environmental and UST Services

- UST & Hazmat Preliminary Site Assessment (Phase 1) **or**
 - Hazmat Preliminary Site Assessment (Phase 1) **and**
 - UST Preliminary Site Assessment

Environmental Aquatic and Terrestrial Ecosystem Analysis

- Fisheries
- Macro invertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

Environmental Archaeology and Other Services

- Prehistoric Archaeology
- Historic Archaeology
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination

X. PROCUREMENT SCHEDULE

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

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| • Advertisement Date | May 8, 2018 by 4:30pm ET |
| • Response Date | May 30, 2018 |
| • First Selection Committee Meeting | June 4, 2018 |
| • Second Selection Committee Meeting (Short-list to 3) | June 21, 2018 |
| • Consultant Interviews | June 27, 2018 |
| • Final Selection Committee Meeting | June 27, 2018 |
| • Contract Scoping Conference | July 3, 2018 |

- Fee Proposal Due July 13, 2018
- Contract Negotiations July 20, 2018
- Notice to Proceed August 10, 2018

XI. DRAFT PROJECT SCHEDULE

- High-Level Evaluation of All Options, 3 to 4 to Advance October 30, 2018
- Present Draft Traffic Projections and Costs February 13, 2019
- Present Draft Evaluation of Alternates (All Metrics) March 13, 2019
- Present Preliminary Project Team Findings June 13, 2019
- Present Polished Summary of Findings August 1, 2019
- Present Draft Report September 4, 2019
- Present Final Report October 2, 2019

XII. EVALUATION FACTORS

1. Project approach and proposed procedures to accomplish the services for this project on schedule. Approach needs to demonstrate strong understanding of the project. (25 points)
2. Relative experience of consultant personnel assigned to the project team with highway projects of a similar nature for KYTC, and/or other federal, local or state governmental transportation agencies. (20 points)
3. Past record of performance on projects of similar type and complexity. (15 points)
4. Capacity and availability of team members over the life of the contract. (15 points)
5. Organizational structure of team and approach of team to managing the development of the project. (15 points)
6. DBE Participation Plan (8 points)
7. Knowledge of the locality and familiarity of the general geographic area (2 points)

XIII. SELECTION COMMITTEE MEMBERS

1. Susan B. Oatman, P.E., User Division
2. Travis Thompson, P.E., User Division
3. Andrew Stewart, P.E., Secretary's Pool
4. Darren Back, P.E., Secretary's Pool
5. Brad Rister, P.E., Governor's Pool