

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2019-10
Oldham | 5-483.30 | I-71

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 - Oldham
Route - I-71
Item No. - 05-0483.30
Project Description - Construction of a new interchange on I-71 near MP 20.6 with connections to KY 146 on the west side of I-71 and to the new Ring Road / LaGrange Parkway on the east side of I-71 that was recently constructed by KYTC.

II. PROJECT INFORMATION

Project Manager - Chuck Berger, P.E.
User Division - Highway Design
Approximate Fee - \$1,000,000 Final Engineering (Lump Sum)
Project Funding - Federal /state
Project Length - Approximately 1 mile

III. PURPOSE AND NEED

The general purpose of the project is to increase access and/or mobility and provide congestion relief to the existing I-71 / KY 53 interchange. The Oldham-LaGrange Development Authority (OLDA) is anticipating new development that may worsen congestion at the existing KY 53 interchange. The OLDA development in the northeast quadrant of the proposed interchange has already been planned and is served by the previously built Ring Road (now LaGrange Parkway). An earlier IJS indicated that the addition of interstate access ramps to the previously constructed Allen Lane overpass will provide the accessibility, mobility and the congestion relief needed to serve this growing 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 Selected Consultant will be required to provide engineering services to:

- Develop the preferred alternative from the Preliminary Line and Grade Report into construction plans including cost estimates, drainage design, final drainage folder, pavement folder, signing plans, traffic control plans, and Right-of-Way Plans.
- Surveying to supplement photogrammetry.

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

[New I-71 Interchange in Oldham County](#) (this will be updated prior to April 26 and is expected to include the Preferred Alternative, after the public comment period concludes)

Alternative 4 has been selected as the preferred alternate. (pending FHWA approval)

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

The Department will provide any necessary Environmental Services required for the project.

X. PHOTOGRAMMETRIC SERVICES

Photogrammetry is expected to be provided through a Statewide Services contract. 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 selected Consultant may provide all Geotechnical Services required for the project. 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 ENGINEERING

The Department will provide all traffic projections and related information.

XIV. UTILITIES

The Department will provide the majority of utility coordination. The Department will send project location maps to all potential Oldham County utility contacts to determine whether they may have existing utilities within these project limits. Facility atlas maps received for this project will be provided to the Selected Consultant. Sizes and types of underground and aerial utilities shall be identified for the selected alternative in the PL&G report.

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. Plans shall be provided by the Consultant in both .pdf and .dgn formats. These will be distributed by the Consultant to utility representatives for review and comment.

The selected Consultant will provide Subsurface Utility Engineering (SUE) work to field-locate utilities as needed. Horizontal and vertical location of existing utilities shown on Final Roadway Design plans shall be adjusted by the consultant as necessary to reflect actual SUE results.

The Department will be responsible for estimating utility costs based on plans provided by the Selected Consultant. The Department will develop the utility contact list. The Department will also prepare and administrate all agreements with the Utility Companies.

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

GEOTECHNICAL SERVICES

- Laboratory Testing Services
- Drilling Services
- Engineering Services

TRAFFIC OPERATIONS

- Traffic Engineering Services
- Electrical Engineering Roadway Lighting Services
- Electrical Engineering Traffic Signal Services

UTILITY DESIGN (please see note below)

- Water and Sewer Level 1 & 2
- Utility Preconstruction Coordination
- Gas Level 1
- Communication

Note – 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.

- Bulletin Posted - April 9, 2019
- Response Date - May 1, 2019 by 4:30 PM ET (Frankfort Time)
- First Selection - May 6, 2019
- Final Selection - May 22, 2019
- Pre-Design Conference - May 29, 2019
- Fee Proposal - June 7, 2019
- Contract Negotiations - June 19, 2019
- Notice to Proceed - July 18, 2019

XVII. PROJECT SCHEDULE

- Final Construction Plans – May 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. DBE Participation Plan. (4 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Chuck Berger, P.E., User Division
2. Travis Thompson, P.E., User Division
3. Stewart Lich, P.E., Secretary's Pool
4. Patrick Perry, P.E., Secretary's Pool
5. Cole Mitcham, P.E., Governor's Pool

XX. AREA MAP

