

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2017-09 Fulton, Graves, Hickman | JC 9003 | 1-26

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 - Fulton, Graves, Hickman
Route - JC 9003 (Julian M. Carroll Purchase Parkway)
Item No. - 01-0026.00
Project Description - Reconstruct elements of the existing Julian M. Carroll Purchase Parkway between Fulton and Mayfield (approximate MP 0.5 to MP 21) to upgrade geometrics to Interstate Standards (I-69 Corridor Improvements) including the reconstruction of the existing Carroll Parkway/KY 339 interchange (Exit 14) in Graves County. (2012BOP)

II. PROJECT INFORMATION

Project Manager - Chris Kuntz, P.E.
User Division - Highway Design
Approximate Fee - \$400,000 Preliminary Engineering (Lump Sum)
Project Funding - Federal (NH funds)
Project Length - Approximately 20.5 miles

III. PURPOSE AND NEED

The Julian Carroll Parkway (JC 9003) is a corridor that has been identified as the route to carry I-69 in Kentucky from Calvert City south to the Tennessee state line. The JC Parkway corridor has several deficiencies that were identified in the I-69 Strategic Planning Corridor Study between Fulton and Eddyville. These deficiencies need to be brought into compliance with interstate standards per the I-69 agreement with KYTC and FHWA. The JC 9003/KY 339 Interchange (Exit 14) is currently a full cloverleaf configuration that needs to be brought into compliance with current interstate standards.

The purpose of this project is to improve the safety and traffic flow through the corridor as well as upgrade the interchange to interstate standards for the conversion to I-69.

IV. DBE REQUIREMENT

Consultants should include a DBE participation plan with their Response to Announcement. 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 perform Preliminary Engineering. Preliminary Engineering includes line and grade plans, traffic engineering analysis as per Design Memo 03-11, preliminary drainage, and cost estimates.

The selected Consultant may be required to provide Final Roadway Design and Final Structure Design Plans, which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of drainage design, right-of-way plans, construction plans including storm water construction and post construction Best Management Practices (BMP), signing and pavement marking plans, traffic control plans, final cost estimates, and an anticipated construction schedule. Lighting plans will also be required.

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:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[I-69 Corridor Study](#)

[Conversion Agreement FHWA/KYTC](#)

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

Any necessary Environmental Services will be provided by the Department. It is anticipated that a Categorical Exclusion document will be prepared by the Department. The Level of the document will be determined at a later time and will be based on the level of impacts from the project.

X. PHOTOGRAMMETRIC SERVICES

The Department will provide statewide aerial imagery and LiDAR data for the project area. The selected Consultant will be responsible for any additional ground survey required to complete preliminary and final design. This may include, but it not limited to: topo work, control, monumenting, drainage pick-ups, drainage situations, pavement tie downs, property corners and utility locations.

XI. STRUCTURE DESIGN

The selected Consultant shall do the necessary engineering service to submit to the KYTC an Advanced Situation Folder(s) for the appropriate applicable structure(s). The Structure Design may be performed by the Consultant. Structure Design services may be added to the Contract by 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. Geotechnical Services may be negotiated and included in the original contract agreement or 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 Traffic projections and related information will be provided by the Department.

XIV. ELECTRICAL DESIGN

The selected Consultant shall provide the necessary engineering service to perform roadway lighting design at Exit 14. Prequalification in the area of Electrical Engineering Roadway Lighting services is required to be identified in the Consultant's Response to Announcement.

XV. UTILITIES

The Department will provide a preliminary utility contact list, will provide all utility cost estimates, as well as coordinate utility plans and relocation. The selected Consultant shall be responsible for verifying utilities involved, performing a level B locate, and including the location, size, and type of utility on the plans.

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:

ROADWAY DESIGN

- Rural Roadway Design
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet

GEOTECHNICAL SERVICES

- Drilling Services
- Engineering Services
- Laboratory Testing Services

TRAFFIC ENGINEERING

- Traffic Engineering Services
- Electrical Engineering Roadway Lighting Services

XVII. PROCUREMENT SCHEDULE

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

- Bulletin Posted - March 14, 2017
- Response Date - April 5, 2017 by 4:30 PM ET (Frankfort Time)
- First Selection - April 10, 2017
- Final Selection - April 26, 2017
- Pre-Design Conference - May 3, 2017
- Fee Proposal - May 12, 2017
- Contract Negotiations - May 24, 2017
- Notice to Proceed - June 22, 2017

XVIII. PROJECT SCHEDULE

- Conceptual Alternatives Meeting – October 1, 2017
- Preliminary Line & Grade Inspection – December 1, 2017
- Notice to Proceed for Final Design – February 1, 2018
- Joint Inspection – May 15, 2018
- Right-of-Way and Utility Plans – July 15, 2018
- Final Plans – October 15, 2018

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. Chris Kuntz, P.E., User Division
2. Kevin Martin, P.E., User Division
3. Andrew Stewart, P.E., Secretary's Pool
4. Thomas Gilpin, P.E., Secretary's Pool
5. Brad Rister, P.E., Governor's Pool

