

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2023-10
Jefferson | 5-10075 | I-264

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 - Jefferson
Route - I-264
Item No. - 5-10075.00
Project Description - Bridge replacement project in Jefferson County on (056B00250N) I-264 over P & L Railway

II. PROJECT INFORMATION

Project Manager - Charles Berger, P.E.
User Division - Highway Design
Approximate Fee - \$500,000 - Preliminary Engineering Services (Lump Sum)
Project Funding - FBP Funds (Federal Funds)
Project Length - Approximately 0.078 miles

III. PURPOSE AND NEED

The purpose of this project is to replace the highway structure on I-264 over the P & L Railroad. The structure is approximately 50 years old and is in substandard condition.

IV. DBE GOAL

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 should 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 (Section 7) to exhibit this plan. A maximum of four (4) points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

The project involves replacement of the bridge on I-264 (Powers Expressway) over the P & L

Railroad. The bridge replacement will be done while maintaining traffic on I-264, so much consideration will be given to work zone design and a reliable preliminary traffic phasing plan. Consideration must also be given to the requirements of P & L Railroad and ongoing coordination with them.

The selected Consultant will be required to provide engineering services for:

- Preliminary Line and Grade Plans, cost estimates and Design Executive Summary
- Preliminary drainage design.
- Public Involvement activities.
- Railroad coordination activities.
- Conducting any and all necessary surveying for the project area.
- Safety and operational performance analyses along the mainline.
- Preliminary work zone design and phasing plan.
- Preliminary Right-of-Way design.
- Reliable Cost Estimate associated with Phase I Design.

This project may be advanced to Final Design upon the completion of Preliminary Engineering with a Contract Modification. The selected Consultant will then be required to provide engineering services to perform Final Roadway and Structural 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

Recent structural inspection report and historic plans will be available at this link:

<https://transportation.ky.gov/DistrictFive/Pages/Jefferson-County-I-264-Bridge-Replacement-over-PL-Railroad--Project-05-10075.00.aspx>

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. Refer to the 2019 CADD Standards for ORD V4 Project Development Memo for information pertaining to the latest CADD Standards and plan submittal.

IX. ENVIRONMENTAL SERVICES

Any necessary Environmental Services are expected to be provided by KYTC. The anticipated environmental document is expected to be a Categorical Exclusion Level 1 or less.

X. PHOTOGRAMMETRIC SERVICES

The Consultant will provide mapping and will furnish manuscripts in ORD format. Statewide Elevation data and Aerial photography can be found at the following link [KyFromAbove - Kentucky's Aerial Photography & Elevation Data Program](#). The selected Consultant shall supplement this information with conventional surveying as determined during project scoping.

XI. STRUCTURE DESIGN

Structure Design is not anticipated for Preliminary Design. When the project advances to Final Design and if the selected Consultant is retained for Final Design services, the selected 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 may be responsible for any necessary Structure Design services. Structure Design of the proposed structure(s) may be added as a 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. The Preliminary Design contract may 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 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 not 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 selected Consultant shall provide a project location map to the Department. The Department will send project location maps to all potential utility contacts to determine whether they may have existing utilities within these project limits. The Department will develop the utility contact list. Facility atlas maps received for this project will be provided to the selected Consultant. 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 for each alignment alternative in the PL&G submittal. Plans shall be provided by the consultant in both .pdf and .dgn format. These plans will be distributed by the Department to utility representatives for review and comment.

The Department will be responsible for estimating utility costs based on plans provided by the Consultant.

The selected Consultant should be aware of and bring attention to any potential utility impacts that may result in significant cost or time to relocate.

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

- Surveying
- Urban Roadway Design
- *Advanced Drainage Analysis & Design* (see note below)*

STRUCTURE DESIGN

- Spans Under 500 Feet

Geotechnical Services* (see note below)

- *Geotechnical Engineering**
- *Geotechnical Drilling**
- *Geotechnical Laboratory Testing**

** Note – These 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 in this or future phases, the selected Consultant team must obtain the required qualifications before providing those services or bring on a prequalified subconsultant at that time.*

XVI. PROCUREMENT SCHEDULE

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

- Advertisement Date: April 11, 2023
- Response Date: May 3, 2023 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: May 8, 2023
- Final Selection: May 24, 2023
- Pre-Design Conference: May 31, 2023
- Consultant Fee Proposal: June 9, 2023
- Contract Negotiations: June 21, 2023
- Notice to Proceed: July 12, 2023

XVII. PROJECT SCHEDULE

- Preliminary Line & Grade Inspection May 2024
- Submit Design Executive Summary June 2024

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. Charles Berger, P.E., User Division
2. Karl Sawyer, P.E., User Division
3. Amanda Desmond, P.E., Secretary's Pool
4. Larry Krueger, P.E., Secretary's Pool
5. Bart Bryant, P.E., Governor's Pool

