

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways  
Professional Services Procurement Bulletin 2023-09  
Henderson County, KY and Vanderburgh County, IN | 2-1088.50 | I-69 ORX

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 - Henderson County, KY and Vanderburgh County, IN  
Route - I-69  
Item No. - 2-1088.50  
Project Description - I-69 Ohio River Crossing (I-69 ORX) between KY-425 in KY and Veterans Memorial Parkway in Indiana. The project has been broken into three construction sections as shown in Section XXI - Area Map. This is for Section 2 of the project which is between US-60 in Henderson County, KY and Waterworks Road in Vanderburgh County, IN. The Section will however include remaining elements of construction sections 1 and 3.

## **II. PROJECT INFORMATION**

Project Manager - Amanda Spencer, P.E.  
User Division - State Highway Engineers Office  
Approximate Fee - \$1,500,000 (Initial Phase: Cost Plus-Fixed Fee)  
Project Funding - Innovative Financing (Initial Phase Federal with State Match)  
Project Length - Approximately 4 miles

## **III. PURPOSE AND NEED**

Four primary needs have been identified for the I-69 ORX Project:

- Lack of National I-69 Corridor system linkage
- High cost of maintaining cross river mobility on existing facilities
- Unacceptable levels of service (LOS) for cross-river traffic
- High-crash locations in the I-69/US-41 corridor

Based on these needs, the project's purpose is to:

- Provide cross-river system linkage and connectivity between I-69 in Indiana and I-69 in Kentucky that is compatible with the National I-69 Corridor
- Develop a solution to address long-term cross-river mobility
- Provide a cross-river connection that reduces traffic congestion and delay
- Improve safety for cross-river traffic

#### **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 five (5) points will be considered in the Evaluation Factors for the DBE Participation Plan.

#### **V. SCOPE OF WORK**

The Indiana Department of Transportation in partnership with the Kentucky Transportation Cabinet through a Bi-State Management Team (BSMT) completed the National Environmental Policy Act (NEPA) by obtaining a Final Environmental Impact Statement and Record of Decision (ROD) on September 16<sup>th</sup>, 2021.

The Consultant will be required to provide preliminary engineering services that are necessary to assist the BSMT prepare a Bi-State Development Agreement (BSDA) as required per Kentucky Revised Statute 175(B) and set the project up to advance toward an alternative delivery procurement. Initial services include:

- Preliminary Line and Grade Plans
- Cost Estimates
- Right of Way Plans
- Level 2 Traffic and Revenue Forecasting
- Grant Writing
- Other services necessary to support the Development Agreement

The BSMT, through a contract modification may request the consultant to assist with an alternative delivery procurement and subsequent design oversight during the delivery phase.

#### **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>

The Department will allow for the following modifications to the standard response format for responses to this advertisement only:

- Section 3: Project Team Organizational Chart, may be expanded not to exceed two 8.5" x 11" (A-B) or one 11" x 17" page.

#### **VII. AVAILABLE STUDIES**

[I-69 Ohio River Crossing - Completing the Connection \(i69ohiorivercrossing.com\)](http://i69ohiorivercrossing.com)

## **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**

The BSMT will handle any NEPA updates through a separate contract. The Consultant may be asked to provide the BSMT support in obtaining any permits necessary for this construction section.

## **X. PHOTOGRAMMETRIC SERVICES**

The BMT 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 will be handled through the alternative delivery contract. The selected Consultant may be required to assist the BSMT in the development of structure specifications for an alternative delivery contract and assist with design review submissions during the delivery phase.

## **XII. GEOTECHNICAL SERVICES**

The selected Consultant may be required to assist the BSMT in the development of geotechnical requirements for an alternative delivery contract and assist with geotechnical submissions during the delivery phase.

## **XIII. TRAFFIC ENGINEERING**

The selected Consultant may be required to assist the BSMT in the development of technical specifications for roadway and structure lighting for an alternative delivery contract and assist with design review submissions during the delivery phase.

## **XIV. RIGHT OF WAY**

The BSMT will provide all right of way services.

## **XV. UTILITIES**

The selected Consultant shall locate all existing utilities and locate them on the plans provided to the BSMT. 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 shall acquire adequate information regarding existing utility features to determine or assist the Cabinet in determining the extent to which potentially impacted utilities may impact the project budget or schedule. 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.

The selected Consultant may be asked to assist in the coordination and execution of agreements.

## **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:

### GEOTECHNICAL SERVICES

- Geotechnical Engineering

### ROADWAY DESIGN

- Rural Roadway Design
- Surveying
- ~~Photogrammetry & Related Services~~
- Urban Roadway Design

### STRUCTURE DESIGN

- Spans Under 500 Feet
- Spans Greater than 500 Feet

### TRANSPORTATION PLANNING

- Traffic Forecasting
- Traffic Data Collection
- Travel Demand & Simulation Modeling

### UTILITY DESIGN

- Utility Preconstruction Coordination

### *Environmental Aquatic & Terrestrial Ecosystems Analysis*\* (see note below)

- Botany\*
- Fisheries\*
- Freshwater Macroinvertebrates\*
- Terrestrial Zoology\*
- Water Quality\*
- Wetlands\*

### *Traffic Engineering*\* (see note below)

- Electrical Engineering Roadway Lighting\*
- Electrical Engineering Traffic Signals\*

*\* Note – The Consultant may be asked to provide traffic engineering and environmental services necessary to support the BSMT in obtaining various environmental permits. These additional prequalifications are not required with the initial proposal as it is uncertain to the extent practicable if they are necessary. Should any traffic engineering or environmental services become necessary during permitting preparation or coordination, the selected consultant must obtain the required qualifications before providing those services.*

## **XVII. PROCUREMENT SCHEDULE**

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

- Advertisement Date: March 14, 2023
- Response Date: April 5, 2023 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: April 10, 2023
- Final Selection: April 26, 2023
- Pre-Design Conference: May 3, 2023
- Consultant Fee Proposal: May 12, 2023
- Contract Negotiations: May 24, 2023
- Notice to Proceed: June 14, 2023

## **XVIII. PROJECT SCHEDULE**

- Preliminary Line and Grade Plans October 6, 2023
- Design Executive Summary December 8, 2023
- Right of Way Plans January 26, 2024
- Draft Traffic and Revenue Forecast January 26, 2024
- Final Traffic and Revenue Forecast February 23, 2024

## **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. (30 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. (25 Points)
3. Past record of performance on projects similar in type and complexity. (20 Points)
4. Capacity to comply with project schedule. (10 Points)
5. DBE Participation Plan (5 Points)

## **XX. SELECTION COMMITTEE MEMBERS**

1. Amanda Spencer, P.E., User Division, KYTC
2. Daniel Corbin, AICP, User Division, INDOT
3. Larry Krueger, P.E., Secretary's Pool
4. Joseph Van Zee, P.E., Secretary's Pool
5. R. Bruce Scott, P.E., Governor's Pool

**XXI. AREA MAP**

