

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

## Department of Highways Professional Services Procurement Bulletin 2022-11 Statewide Bridge Inspection Services - Ohio River Bridges - District 5

This document constitutes a Request for Proposals for Personal 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**

One (1) consultant shall be selected to perform routine element-level inspections for forty-five (45) bridges built as part of the Louisville-Southern Indiana Ohio River Bridges Project in downtown Louisville, KY and Jeffersonville, IN from calendar year 2022 to 2025.

#### **Group 1**

056B000527L I-65 SB OVER W RIVERSIDE DR & W MARKET ST (IN KENNEDY APPROACH)  
056B00527R I-65 NB OVER W RIVERSIDE DR & W MARKET ST (IN LINCOLN APPROACH)  
056T00934N I-64 WB RAMP TO I-71 NB OVER I-64, RAMPS TO I-65 & FROM US 42  
056T00935N I-65 RAMP FROM I-71 SB OVER I-64 WB  
056T00937N I-64 WB RAMP FROM STORY AVE (US 42 WB) TO I-65 OVER I-64 WB  
056T00938L I-64 WB OVER STORY AVE (US 42 WB)  
056T00939L I-64 WB OVER MELLWOOD AVE (US 42 EB) & BEARGRASS CREEK  
056T00940N I-71 OVER FRANKFORT AVE  
056T00941L KY 841 WB OVER HARRODS CREEK & RIVER RD  
056T00941R KY 841 EB OVER HARRODS CREEK & RIVER RD  
056T00942N KY 841 EB RAMP TO US 42 OVER KY 841  
056T00943N WOLF PEN BRANCH RD OVER KY 841

#### **Group 2**

056T00901L I-65 SB & RAMP OVER S FLOYD ST  
056T00902L I-65 SB & RAMP OVER E LIBERTY ST  
056T00903N I-65 NB RAMP FROM LIBERTY ST OVER LIBERTY ST  
056T00904N I-65 & RAMPS OVER S PRESTON ST (KY 61 SB) & E JEFFERSON ST  
056T00905N I-65 & RAMPS OVER S JACKSON ST (KY 61 NB)  
056T00906N I-65 & RAMPS OVER E MARKET ST (US 31E NB)  
056T00930N I-64 EB RAMP FROM I-65 OVER WITHERSPOON ST, CSX RR & I-71 RAMPS  
056T00931N I-64 EB & RAMP TO I-71 NB OVER WITHERSPOON ST & CSX RR  
056T00932N I-64 WB RAMP TO I-65 OVER WITHERSPOON ST & CSX RR  
056T00933N I-64 WB & I-71 RAMPS TO I-65 OVER WITHERSPOON ST & CSX RR

#### **Group 3**

056T00907N I-65 SB RAMPS OVER E MAIN ST (US 31E SB)  
056T00908L I-65 SB OVER E MAIN ST (US 31E SB)  
056T00908R I-65 NB OVER E MAIN ST (US 31E SB)  
056T00909N I-65 NB RAMPS OVER E MAIN ST (US 31E SB) & N HANCOCK ST  
056T00910N I-65 SB RAMP OVER I-64 EB, RAMPS & WITHERSPOON ST  
056T00911N I-65 NB RAMP TO I-65 NB & I-64 WB OVER N HANCOCK ST

056T00912N I-65 SB RAMP FROM I-64 & I-71 OVER I-64 EB, RAMP & WITHERSPOON ST  
056T00915N I-64 EB RAMP FROM I-65 NB OVER WITHERSPOON ST  
056T00916N I-64 WB RAMP FROM I-65 NB OVER I-64 EB, RAMPS & WITHERSPOON ST  
056T00917N I-65 NB RAMP OVER I-64 EB, RAMPS & WITHERSPOON ST  
056T00920N I-64 WB RAMP FROM I-65 NB OVER I-65 SB RAMP FROM I-64 & I-71

**Group 4**

056T00913L I-65 SB OVER I-64 EB, RAMPS & WITHERSPOON ST  
056T00914R I-65 NB OVER I-64 EB, RAMPS & WITHERSPOON ST  
056T00918N I-64 EB & I-71 NB RAMP FROM I-65 SB OVER I-64 EB & RAMPS  
056T00921N I-64 WB RAMP FROM I-65 SB OVER I-64 WB  
056T00922N I-64 EB & I-71 NB RAMP FROM I-65 SB OVER I-64 WB & I-65 SB RAMP  
056T00923L I-65 SB OVER I-64 WB & I-65 SB RAMPS FROM I-64 & I-71  
056T00924R I-65 NB OVER I-64 WB & I-65 SB RAMPS FROM I-64 & I-71  
056T00925N I-64 EB RAMP TO I-65 NB OVER I-64 WB & I-65 SB RAMPS FROM I-64 & I-71  
056T00926N I-64 WB & I-71 SB RAMP TO I-65 NB OVER I-65 SB RAMP, I-64 WB & RIVER RD  
056T00927L I-65 SB & RAMPS TO I-64 OVER RIVER RD (KY KENNEDY APPROACH)  
056T00928R I-65 NB & RAMPS FROM I-64 OVER RIVER RD (KY LINCOLN APPROACH)  
056T00929N I-65 SB RAMP TO I-71 NB OVER WITHERSPOON ST, ADAMS ST & RJC RR

**II. PROJECT INFORMATION**

Project Manager: Natalie House-Lewis, P.E.  
User Division: Maintenance  
Approximate Fee: \$260,000 Total (Cost Plus a Fixed Fee)  
Project Funding: Federal Funds  
Contract Term: Four Years

**III. PURPOSE AND NEED**

To ensure the continued safety and structural capacity of bridges utilized by the traveling public by providing NBI/Routine/Element Level Inspections, which are mandated by the FHWA and shall be performed in accordance with the National Bridge Inspection Standards. Reports are filed with the Division of Maintenance as well as recorded electronically. Copies of reports are also shared with District 5 personnel. Reports are used to determine necessary repairs, plus allow for KYTC to prepare a budget for future years and share that information with other states.

**IV. DBE REQUIREMENT**

The Consultant team may 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. If included, an additional page will be allowed in the Project Approach (Page 7) to demonstrate this plan. Additional points will not be provided in the Evaluation Factors for the DBE Participation Plan.

**V. SCOPE OF WORK**

Conduct a complete NBI/Routine/Element Level Inspection as defined by the AASHTO Manual for Bridge Element Inspection. Confirm previously collected SI&A data that is tabulated in the Recording

and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges (December 1995). Prepare the required report using AASHTOWare Bridge Management (BrM) software provided by KYTC. Compile a photo document of each inspection in pdf format using Adobe Photoshop Elements 12 or equivalent. Submit reports containing inspection data, bridge elements plus photos to the District 5 Bridge Engineer for approval. The Contractor agrees to perform the required services in a professional and skillful manner as well as to comply with the terms, provisions and conditions of this contract. Any serious defect discovered will be immediately reported to the District 5 Bridge Engineer.

- a. The Contractor will be required to maintain a daily log documenting the hours spent reviewing bridge plans, performing bridge inspections, and inputting inspection reports in addition to the mileage used traveling from bridge to bridge.
- b. Drive time hours, mileage, and per diems will be a negotiated direct cost and are not included in the person-hours for inspection.
- c. The Contractor will maintain adequate qualified personnel to perform all required services during the life of the contract and will only utilize personnel who meet the minimum FHWA and KYTC qualifications, for all phases of the contract (except for personnel classified as clerical).
- d. The Contractor agrees to perform all work under this contract in accordance with FHWA and KYTC requirements as outlined in National Bridge Inspection Standards, AASHTO Manual for Bridge Element Inspection, Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation's Bridges (December 1995), and Kentucky Bridge Inspection Procedures Manual.
- e. The Contractor will perform routine inspections in downtown Louisville, KY and Jeffersonville, IN for bridges built to reconfigure Spaghetti Junction (I-64, I-65 and I-71). The Contractor will also perform routine inspections for bridges built to extend the Gene Snyder Freeway (I-265) in Kentucky to the Lee Hamilton Highway in Indiana. All bridges have been newly built as part of the Louisville-Southern Indiana Ohio River Bridges Project. All forty-five (45) bridges are over twenty feet (20') in length. Some of these bridges are flared and/or have multiple spans. Some of these bridges have different main span materials and/or main span designs. Working adjacent to interstate traffic will be required.
- f. The Contractor will not employ any person who is a regular employee of the Commonwealth of Kentucky during the life of this contract. A regular employee of the Commonwealth is defined as anyone in a permanent or temporary position.
- g. The Contractor agrees that upon request, appropriate personnel will be available to respond to FHWA or KYTC inquiries.
- h. The Contractor will be required to maintain continuing Professional Liability Insurance of an amount not less than \$250,000.00 during the life of the resulting contract and worker's compensation insurance in accordance with the requirements of KRS 45A.480 and KRS 342.
- i. KYTC will provide The Contractor with adequate copies of the bridge files, as-built plans, maps, plus past inspection reports as needed.
- j. Inspector(s) will need a computer with a minimum of a Pentium 4 processor, personal transportation, OSHA approved personal safety equipment, and a digital camera. Inspector(s) will also need proper attire as well as the necessary inspection tools and access equipment.
- k. Traffic Control, if needed, shall be negotiated at the time of the accepted work assignment. The Contractor shall be reimbursed for subcontracted traffic control if agreed upon during the negotiation of the assignment. Reimbursement for this will be treated as a pass through expense and a copy of The Subcontractors invoice must be provided before reimbursement.

## **VI. SPECIAL INSTRUCTIONS**

The Department reserves the option to modify the selected Consultants' agreement to include any necessary engineering and/or related services for this project. The firm or one of their subconsultants must at that time be prequalified by the Department in the required area(s).

One (1) consultant will be selected to provide these services. The Department may modify the selected Consultant's agreement to include additional bridge inspections and/or necessary bridge maintenance engineering services associated for this project. The additional related engineering services may be requested up to a contract upset limit of \$100,000 above the initial contract amount for each contract package. No additional service contract shall exceed \$100,000 without written approval from the State Highway Engineer.

Instructions for Response to Announcement can be found at:

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

## **VII. PREQUALIFICATION REQUIREMENTS**

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

### **MAINTENANCE - BRIDGE MAINTENANCE SERVICES**

- In-Depth Structure Inspection

### **STRUCTURE DESIGN**

- ~~Spans Greater than 500 Feet~~ **Spans Under 500 Feet**

## **VIII. PROCUREMENT SCHEDULE**

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

- Advertisement Date: May 10, 2022
- Response Date: June 1, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: June 6, 2022
- Final Selection: June 22, 2022
- Pre-Design Conference: June 29, 2022
- Fee Proposal Due: July 8, 2022
- Contract Negotiations: July 20, 2022
- Notice to Proceed: August 10, 2022

## **IX. PROJECT SCHEDULE**

### *FIRST INSPECTION CYCLE (2022-2023)*

- **Group 1:** The Contractor agrees to complete all field work and BrM entry for Group 1 bridges in accordance with the terms of this contract by October 31st. Element conditions and inspection data must be entered into BrM within five (5) calendar days from the inspection date. After District 5 personnel have reviewed and commented, the Contractor agrees to complete the necessary revisions so that Group 1 reports are approved by November 30th.
- **Group 2:** The Contractor agrees to complete all field work and BrM entry for Group 2 bridges in accordance with the terms of this contract by November 30th. Element conditions and

inspection data must be entered into BrM within five (5) calendar days from the inspection date. After District 5 personnel have reviewed and commented, the Contractor agrees to complete the necessary revisions so that Group 2 reports are approved by December 31st.

- **Group 3:** The Contractor agrees to complete all field work and BrM entry for Group 3 bridges in accordance with the terms of this contract by February 28th. Element conditions and inspection data must be entered into BrM within five (5) calendar days from the inspection date. After District 5 personnel have reviewed and commented, the Contractor agrees to complete the necessary revisions so that Group 3 reports are approved by March 31st.
- **Group 4:** The Contractor agrees to complete all field work and BrM entry for Group 4 bridges in accordance with the terms of this contract by March 31st. Element conditions and inspection data must be entered into BrM within five (5) calendar days from the inspection date. After District 5 personnel have reviewed and commented, the Contractor agrees to complete the necessary revisions so that Group 4 reports are approved by April 30th.

#### *SECOND INSPECTION CYCLE (2024-2025)*

- Repeat the above sequence twenty-four (24) months from the previous inspection date unless otherwise noted.

### **X. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Experience with NBIS safety inspections. (20 points)
2. Experience with element-level bridge inspections. (20 points)
3. Consultant's past performance on similar projects. (15 points)
4. Capacity to comply with procedures and schedules. (15 points)
5. In-house capability to perform the required services. (10 points)
6. Knowledge of the locality and familiarity of the general geographic area. (8 points)

### **XI. SELECTION COMMITTEE MEMBERS**

1. Natalie House-Lewis, P.E., User Division
2. Eddie House, P.E., User Division
3. David Erickson, P.E., Secretary's Pool
4. Joseph Van Zee, P.E., Secretary's Pool
5. Bart Bryant, P.E., Governor's Pool