

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

## Department of Highways Professional Services Procurement Bulletin 2024-03 Statewide Bridge Inspection Services - Ohio River Bridges

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**

This statewide contract is to provide necessary NBI/Element Level/Non-redundant Steel Tension Member Bridge Inspection Services of twenty-four (24) Ohio River Bridges. Five (5) consultants will be selected to provide these services during the 2024 and 2025 calendar years.

<b><u>Contract Package No. 1</u></b>	<b><u>Route</u></b>	<b><u>Crossing</u></b>	<b><u>Bridge No.</u></b>	<b><u>Deadline</u></b>
Boone County	I -275	Carroll Cropper	008B00052N	Jul-24
Kenton County	KY 17	Roebling	059B00048N	Aug-24
McCracken County	US 45	Irvin Cobb	073B00001N	Apr-25
Boyd County	US 23S	Ashland 12th St.	010B00040N*	Sep-25
Boyd County	US 23	Ashland 13th St.	010B00058N	Sep-25
<b><u>Contract Package No.2</u></b>				
Jefferson County	US 31	Clark Memorial	056B00136N	Jun-24
Campbell County	I-471 SB	Dan Beard SB	019B00039L (3)	Sep-24
Campbell County	I-471 NB	Dan Beard NB	019B00039R (3)	Sep-24
Union County	KY 56	Earl Clements	113B00045N	Apr-25
Mason County	Old US 62	Simon Kenton	081B00041N***	Jul-24
<b><u>Contract Package No.3</u></b>				
Daviess County	US 60	Glover Cary	030B00118N	Jun-24
Henderson County	US 41 SB	Henderson SB	051B00007L	Aug-24
Henderson County	US 41 NB	Henderson NB	051B00002R	Aug-24
Greenup County	KY 8	Carl Perkins	045B00064N	Apr-25
Mason County	Old US 62	Simon Kenton	081B00041N***	Jul-25
<b><u>Contract Package No. 4</u></b>				
Ballard County	US 51	Cairo	004B00021N	Aug-24
Kenton County	I-75	Brent Spence	059B00046N** (1)	Sept-24
Campbell County	I-275 WB	Combs Hehl WB	019B00040L (2)	Oct-24
Campbell County	I-275 EB	Combs Hehl EB	019B00040R (2)	Oct-24
<b><u>Contract Package No.5</u></b>				
Kenton County	US 25	Clay Wade Bailey	059B00049N	Jun-24
Jefferson County	I-65	John F. Kennedy	056B00214L	Aug-24
Jefferson County	I-65	Abraham Lincoln	056B00526R****	Sept-24
Campbell County	US 27	Taylor Southgate	019B00076N	Oct-24
Mason County	US 62	William Harsha	081B00069N****	Oct-25

- \* To include the testing of all the pins on the Ashland 12<sup>th</sup> Street bridge
- \*\* To include the testing of all the pins on the Brent Spence bridge
- \*\*\* Simon Kenton requires a 12 month inspection
- \*\*\*\* Eligible for 48 month inspection cycle if conditions are maintained
- (1) Includes 059B00040N – Brent Spence Approach
- (2) Includes 019B00041L and 019B00041R – Combs Hehl WB and EB Approaches
- (3) Includes 019B00082L and 019B00082R – Dan Beard SB and NB Approaches

**II. PROJECT INFORMATION**

Project Manager - Ashley Graves, P.E.  
 User Division - Maintenance  
 Approximate Fee - \$4,490,000 Total - Cost Plus a Fixed Fee  
                           Package 1 – \$1,000,000  
                           Package 2 – \$980,000  
                           Package 3 – \$900,000  
                           Package 4 – \$880,000  
                           Package 5 – \$730,000  
 Project Funding - Federal Funds

**III. PURPOSE AND NEED**

To ensure the continued structural safety and capacity of Bridge structures utilized by the traveling public by providing NBI/Routine/Element Level/Non-redundant Steel Tension Member inspections.

**IV. DBE GOAL**

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 would 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 (Section 7) to exhibit this plan. No additional points will be provided in the Evaluation Factors for the DBE Participation Plan.

**V. SCOPE OF WORK**

NBI/Routine/Element Level/Non-redundant Steel Tension Member inspections are mandated by the FHWA and shall be performed in accordance with the National Bridge Inspection Standards and Specifications for the National Bridge Inventory. Reports are filed with the Division of Maintenance records as well as recorded electronically. Copies of reports are also shared with the District personnel and adjoining state DOT’s. Inspection reports are used to determine needed repairs, allow for KYTC to prepare a budget for future years and share information and trends with other states.

**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(s) or one of their

subconsultants must at that time be prequalified by the Department in the required area(s). The additional bridge related services may be permitted up to a contract upset limit of \$150,000 above the initial contract amount for each contract package. No additional service contract shall exceed \$150,000 without written approval from the State Highway Engineer.

Five (5) consultants will be selected. The Division of Bridge Maintenance will assign the packages to the top five (5) consultants selected. Inspections packages do not necessarily reflect the order of importance or anticipated contract size.

Instructions for Response to Announcement can be found at:

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

- Demonstrate experience with performing inspections for NBIS purposes, or demonstrate an understanding of NBIS requirements for such inspections by demonstrating knowledge of the current edition of FHWA Bridge Inspector's Reference Manual (BIRM), the current edition of the AASHTO Manual for Bridge Evaluation, the current edition of the AASHTO Manual for Bridge Element Inspection and the Recording and Coding guide for Structural Inventory and Appraisal of the Nations Bridges, the current edition of the Specifications for the National Bridge Inventory (SNBI); and
- Demonstrate an understanding of the access and traffic control requirements of conducting such inspections by providing a narrative describing what types of access equipment might be required and how traffic control would be handled (which should identify whether these can be provided in house or obtained through other means)
- Have adequate staff, who meet minimum requirements for qualification for Team Leader or Program Manager as set forth in National Bridge Inspection Standards (23 CFR 650 C), to be present in each area of operation during all phases of inspection and condition reporting. (A copy of certificate of successful completion of National Highway Institute following courses or their approved equals: 130055 "Safety Inspection of In-service Bridges" and 130078 "Fracture Critical Inspection Techniques for Steel Bridges", will be required for each Team Leader for inspection).
- Inspector of Record must prove that a comprehensive bridge inspector refresher training has been completed in the last 5 years
- Have all inspection staff trained for element level condition reporting in AASHTOWARE Bridge Management (BrM) software used by KYTC; and
- Have available computer hardware for installation of KYTC's BrM software.
- Have adequate staff, meeting team leader qualifications under NBIS, to perform inspections within prescribed frequencies described in scope of work.
- Have available trained staff for performing Non Destructive Testing (Dye Penetrate and Magnetic Particle)

## **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

### **VIII. PROCUREMENT SCHEDULE**

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

- Advertisement Date: September 12, 2023
- Response Date: October 4, 2023 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: October 9, 2023
- Final Selection: October 25, 2023
- Pre-Design Conference: November 1, 2023
- Fee Proposal Due: November 9, 2023
- Contract Negotiations: November 22, 2023
- Notice to Proceed: December 13, 2023

### **IX. PROJECT SCHEDULE**

- Initial BrM entry completed within same month of each inspection due
- Final Draft BrM entry completed before Post-Inspection Meeting
- Post-Inspection Meeting held within 45 days after each bridge field inspection
- Final reports and BrM entry completed within 60 days after each bridge field inspecting

### **X. EVALUATION FACTORS**

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

1. In-house capability to perform the required services. (20 Points)
2. Experience with in-depth and Non-redundant Steel Tension Member inspections. (20 points)
3. Unique bridge inspection access techniques to minimize traffic. (20 points)
4. Past record of performance on projects similar in type and complexity. (10 Points)
5. Available team workload capacity to comply with project schedule. (10 Points)
6. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

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

1. Ashley Graves, P.E., User Division
2. Dora Alexander, P.E., User Division
3. Zachary Neihof, P.E., Secretary's Pool
4. Crystal Mapel, P.E., Secretary's Pool
5. Brian Wood, P.E., Governor's Pool