

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways Professional Services Procurement Bulletin 2025-04 Statewide Bridge Inspection Services - In-State 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 Bridge Inspection Services including Routine, Non-redundant Steel Tension Member (NSTM), and or NDT/In-depth inspections of In-State Bridges for the below list of bridges on a statewide basis during this 2025-2026 biennium. Evaluation and repair design services will also be required for Constraint Induced Fracture (CIF) details on many of the bridges.

Contract Package No. 1	Route	Crossing	Bridge No.	Month/Year
Marshall County**	I-24	Tennessee River	079B00118L	7/2025
Marshall County**	I-24	Tennessee River	079B00118R	7/2025
Hardin County UT*	I-65	Rolling Fork River	047B00133L	3/2025
Hardin County UT*	I-65	Rolling Fork River	047B00133R	3/2025
Hart County UT	US 31	Green River	050B00004N	8/2025
Carroll County	US 42	Kentucky River	021B00043N	6/2025
<i>Carroll County</i>	<i>US 42</i>	<i>Kentucky River</i>	<i>021B00043N</i>	<i>6/2026</i>
Anderson County**	BG Parkway	Kentucky River	003B00007L	8/2025
Anderson County**	BG Parkway	Kentucky River	003B00007R	8/2025
Garrard County*	US 27	Kentucky River	040B00028L	7/2026
Garrard County*	US 27	Kentucky River	040B00028R	7/2026
Carter County*	I-64	Little Sandy River	022B00083L	4/2025
Carter County*	I-64	Little Sandy River	022B00083R	4/2025
Cumberland County	KY 90	Cumberland River	029B00027N	4/2026
Contract Package No. 2	Route	Crossing	Bridge No.	Month/Year
Jefferson County*	I -64	Riverside Expressway	056B00298N	6/2025
Jefferson County*	I -64	Riverside Expressway	056B00299N	6/2025
Jefferson County*	I -64	Riverside Expressway	056B00300N	6/2025
Jefferson County*	I -64	Riverside Expressway	056B00301N	6/2025
Jefferson County*	I -64	Riverside Expressway	056B00302N	6/2025
Jefferson County*	I -64	Riverside Expressway	056B00285N	7/2025
Jefferson County*	I -64	Riverside Expressway	056B00292N	7/2025

Jefferson County*	I-64	Riverside Expressway	056B00293N	7/2025
Jefferson County*	I-64	Riverside Expressway	056B00142N	8/2025
<i>Jefferson County</i>	<i>I-64</i>	<i>Riverside Expressway</i>	<i>056B00292N</i>	<i>7/2026</i>
<i>Jefferson County</i>	<i>I-64</i>	<i>Riverside Expressway</i>	<i>056B00293N</i>	<i>7/2026</i>
<i>Jefferson County</i>	<i>I-64</i>	<i>Riverside Expressway</i>	<i>056B00142N</i>	<i>8/2026</i>
Jefferson County*	I-64	S Minton – KY Apr	056B00161N	9/2025
Livingston County*	I-24	Cumberland River	070B00063L	3/2025
Livingston County*	I-24	Cumberland River	070B00063R	3/2025

Contract Package No. 3	Route	Crossing	Bridge No.	Month/Year
Muhlenberg County**	WK Parkway	Green River	089B00093L	3/2026
Muhlenberg County**	WK Parkway	Green River	089B00093R	3/2026
<i>Franklin County#</i>	<i>US 60X</i>	<i>Kentucky River</i>	<i>037B00065N</i>	<i>8/2025</i>
<i>Kenton County</i>	<i>KY 8</i>	<i>Licking River</i>	<i>059B00037N</i>	<i>4/2025</i>
Kenton County	KY 8	Licking River	059B00037N	4/2026
Kenton County*	I-75	over I-275	059B00053L	9/2025
Kenton County*	I-75	over I-275	059B00053R	9/2025
Kenton County*	I-275	over I-75	059B00054L	9/2025
Kenton County*	I-275	over I-75	059B00054R	9/2025
Kenton County _{UT} *	I-275	over I-75	059B00055N	9/2025
Kenton County _{UT} *	I-275	over I-75	059B00056N	9/2025
Cumberland County	KY 61	Cumberland River	029B00012N	4/2025
Pulaski County*	KY 9008	Fishing Creek	100B00074L	8/2025
Pulaski County*	KY 9008	Fishing Creek	100B00074R	8/2025

Italicized - NSTM only

* - CIF identified or further investigation

** - CIF under current repair project

_{UT} - NDT testing of pins

- Bridge currently closed.

II. PROJECT INFORMATION

Project Manager - Ashley Graves, P.E.
 User Division - Maintenance
 Approximate Fee - \$4,200,000 Total - Cost Plus a Fixed Fee
 Package 1 – \$1,400,000
 Package 2 – \$1,400,000
 Package 3 – \$1,400,000
 Project Funding - State and Federal Funds
 Contract Term - Two Years

III. PURPOSE AND NEED

To ensure the continued structural safety of Bridge structures for use by the traveling public by providing NBI/NSTM inspections mandated by the FHWA and performed in accordance with the

National Bridge Inspection Standards.

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

Consulting services will include the inspection of all the bridges listed, providing a routine/NSTM inspection as required by the National Bridge Inspection Standards. SNBI data sheets are also to be updated during inspections. A select number of bridges will require NDT (Ultrasonic Testing) of pins within the structures and report of conditions. Some identified bridges are on a 12 month NSTM inspection and therefore have been listed twice in the list above. These are NSTM only inspections. Inspection 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.

A number of structures have specific fabrication details that could be indicative of Constraint Induced Fracture details (CIF). All bridges should be reviewed to determine if these details are possible in the structure and if so evaluate the welded structural connections, perform assessment determining the degree of constraint to such connections and prepare contract ready plans retrofitting those determined as a high degree of constraint. Evaluation of the structures is to be made in accordance with Publication Number FHWA-HIF-21-046. Evaluation of Steel Bridge Details for Susceptibility to Constraint-Induced Fracture. The consulting services will include all final structural design engineering and plan preparation necessary for letting a project to construction. A select number of bridges with CIF details will be repaired within current upcoming projects and will not need repair plan designs.

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).

Three (3) consultants will be selected and ranked 1, 2 and 3. The User Division will assign the packages to the top three consultants. Inspections packages are randomly listed and do not necessarily reflect the order of importance or anticipated contract size.

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 \$500,000 above the initial contract amount for each contract package. No additional service contract shall exceed \$500,000 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

VIII. PROCUREMENT SCHEDULE

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

- Advertisement Date: October 8, 2024
- Response Date: October 30, 2024 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: November 4, 2024
- Final Selection: November 20, 2024
- Pre-Design Conference: November 25, 2024
- Consultant Fee Proposal: December 6, 2025
- Contract Negotiations: December 18, 2025
- Notice to Proceed: January 8, 2025

IX. PROJECT SCHEDULE

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

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 NSTM inspections. (20 points)
3. Unique bridge inspection access techniques to minimize traffic. (20 points)
4. Demonstrate familiarity with Evaluation of Steel Bridge Details for Susceptibility to Constraint-Induced Fracture. (10 Points)

5. Experience developing bridge repair plans and proposals. (10 points)
6. Past record of performance on projects similar in type and complexity. (10 Points)
7. Available team workload capacity to comply with project schedule. (10 Points)
8. 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. James Edmunds, P.E., User Division
3. Amanda Desmond, P.E., Secretary's Pool
4. Matthew Sipes, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool