

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

## Department of Highways Professional Services Procurement Bulletin 2022-05 Statewide Bridge Load Ratings on Gusset Plates

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 Load Ratings on Gusset Plates for twenty-four (24) bridges statewide.

#### **Package #1**

<b>District</b>	<b>Route</b>	<b>Crossing</b>	<b>Bridge No.</b>	<b>DWG #</b>
1	US 60	Cumberland River	070B00017N	07646, 18180
2	KY 81	Panther Creek	030B00055N	5924, 11762
2	US 431	Green Rr & Rough River	075B00018N	7246, 22933
2	US 62	Green River	092B00050N	07229, 18297
4	Tebbs Bend Rd (CR 1236)	Green River	109C00069N	26016
4	Fragrant Road (CR 1162)	Branch-Rock Creek	043C00050N*	none

\*043C00050N - entire load rating of the floor system and truss.

#### **Package #2**

<b>District</b>	<b>Route</b>	<b>Crossing</b>	<b>Bridge No.</b>	<b>DWG #</b>
6	KY 435	Big Bracken Creek	012B00032N	25743
6	KY 177	South Fk. Licking River	096B00001N	6623, 8411
7	KY 3364	Strodes Creek	009B00071N	25601
7	KY 3364	Stoner Creek	009B00072N	25884
7	Irvine Road (KY 89)	Red River	025B00021N	5274, 9107, 19017
7	KY 974	Upper Howard Creek	025B00089N	Plans in File
7	KY 2328	Kentucky River	034B00010N	1869, 7466, 20144, 24992
7	Grimes Mill Road (CR 1122)	Boone Creek	034C00010N	26364
8	Stab Road (CR 1912)	Buck Creek	100C00050N	5385, S84, S86

#### **Package #3**

<b>District</b>	<b>Route</b>	<b>Crossing</b>	<b>Bridge No.</b>	<b>DWG #</b>
10	KY 1812	Quicksand Creek	013B00012N	03458
10	KY 52	KY River & CSX RR	033B00016N	7118, 9108
10	Kenmont Rd (CR 1114)	N. Fk. Kentucky Rv	097C00005N	
11	KY 490	Rockcastle River	063B00004N	13205, 9191, S1427

11	KY 92	Cumberland River	118B00012N	6145, 9135, 26661
11	KY 92	Jellico Creek	118B00022N	5324, 9134, 568
12	KY 588	N. Fk. KY River	067B00037N	4081, 5650, 13201
12	KY 7	CSX RR & N Fk. KY River	067B00038N	07128
12	Golf Course Lane (CR 1151)	Old RR Bed	067C00072N	

**II. PROJECT INFORMATION**

Project Manager - Dora Alexander, P.E.  
 User Division - Maintenance  
 Approximate Fee - Package 1 – \$650,000  
                                   Package 2 – \$650,000  
                                   Package 3 – \$650,000  
 Contracting Method - Cost Plus a Fixed Fee  
 Project Funding - Federal/State Funds  
 Contract Term - Two Years

**III. PURPOSE AND NEED**

To ensure the continued structural safety and capacity of bridge structures for use by the motoring public by providing load rating analysis.

Load ratings are mandated by the FHWA and shall be performed in accordance with the Manual for Bridge Evaluation and KYTC’s Bridge Inspection Procedures Manual. Reports are filed with the Division of Maintenance Load Rating Staff. Load ratings are used to determine needed repairs and/or retrofits, allow for KYTC to prepare a budget for future years, and determine load posting.

**IV. DBE REQUIREMENT**

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 needs to 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 (Page 7) to demonstrate this plan.

**V. SCOPE OF WORK**

Three (3) Consultants will be selected (1, 2, and 3). The Consultant ranked first will be awarded first choice of the three (3) packages. The consultant ranked second will be awarded the choice of the remaining (2) packages. The consultant ranked third will be awarded the remaining package. Consultants must be prepared to make selection at the time of notification of ranking by the Selection Committee.

**VI. SPECIAL INSTRUCTIONS**

The Department may modify the Selected Consultants 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 \$150,000 above the initial contract amount for each contract package.

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.

### **STRUCTURE DESIGN**

- Spans Under 500 feet

### **MAINTENANCE / BRIDGE MAINTENANCE SERVICES**

- In-Depth Structure Inspection

## **VIII. PROCUREMENT SCHEDULE**

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

- Advertisement Date: November 9, 2021
- Response Date: December 1, 2021 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: December 6, 2021
- Final Selection: December 17, 2021
- Pre-Design Conference: January 5, 2022
- Fee Proposal Date: January 12, 2022
- Contract Negotiations: January 19, 2022
- Notice to Proceed: February 9, 2022

## **IX. PROJECT SCHEDULE**

Final report must be submitted on or before December 30, 2022

## **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 gusset plate load rating. (20 Points)
3. Knowledge of the locality and familiarity of the general geographic area. (20 Points)
4. Capacity to comply with schedules. (15 Points)
5. Consultant's offices where work is to be performed. (5 Points)

## **XI. SELECTION COMMITTEE MEMBERS**

1. Dora Alexander, P.E., User Division
2. Daryl Greer, P.E., User Division
3. Charlie Dale, P.E., Secretary's Pool
4. Joseph Van Zee, P.E., Secretary's Pool
5. ~~TBD~~ **Cindy Evensen**, Governor's Pool