

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

## Department of Highways Professional Services Procurement Bulletin 2020-05 Statewide Bridge Load Ratings on Metal Culverts

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 of one hundred seventy-eight (178) culverts statewide.

#### **Package #1**

<b>District</b>	<b>Route</b>	<b>Crossing</b>	<b>Bridge No.</b>	<b>DWG #</b>
1	KY 1483	Br. E. Fk. Clarks River	018B00142N	
1	CR 1466	Edwards Branch	018C00140N	
1	CR 1021	Sugar Creek	018C00151N	
1	CR 1296	Pleasant Grove Creek	018C00152N	
1	CR 1060	Hopkins Branch	018C00157N	
1	KY 116	Unnamed Stream	038B00086N	
1	CS 2075	Br of Harris Fork Creek	038C00020N	
1	CR 1209	Unnamed Stream	038C00027N	see Media Tab
1	KY 83	Unnamed Stream	042B00147N	
1	KY 83	Bacon Creek	042B00148N	
1	KY 1124	Vulton Creek	042B00205N	
1	KY 1820	Unnamed Stream	042B00294N	
1	KY 849	Branch-Bush Creek	042B00296N	
1	KY 2194	Unnamed Stream	042B00298N	
1	US 45	Unnamed Stream	042B00299N	
1	CR 1459	Pryor Br. of Panther Creek	042C00330N	
1	CR 1046	Br. W. Fk. Clarks River	042C00332N	
1	KY 3061	Br. of Bruch Creek	053B00094N	
1	CR 1110	Sand Creek	053C00009N	
1	KY 137	Givens Creek	070B00006N	
1	KY 93	Crevasse Creek	070B00035N	
1	KY 135	Br of Peck Creek	070B00080N	
1	KY 996	Br W. Fk. Massac Cr	073B00145N	
1	CS 1323	Br. Smith Creek	073C00046N	

1	KY 962	Unnamed Stream	079B00087N	
1	KY 2606	Gibson Creek	079B00156N	
1	CR 1429	Elender Creek	079C00094N	
1	CS 2086	Unnamed Stream	079C00098N	
2	KY 662	Trib Little Blackford Ck	030B00178N	
2	CR 1161	Flat Branch	030C00190N	
2	CR 1266	Unnamed Stream	054C00074N	
2	KY 601	Caney Creek	089B00063N	
2	KY 189	Caney Creek	089B00111N	
2	CR 1204	Br. Lick Fork Ck.	092C00143N	
2	CR 1017	McGrady Creek	092C00144N	
2	CR 1125	Muddy Creek	092C00145N	
2	CR 1133	Fork of Muddy Creek	092C00147N	
2	CR 1013	Cane Creek	092C00149N	
2	KY 130	Br of Wash Creek	113B00106N	
2	CR 1351	Trib to Bishop Ditch	117C00067N	see Media Tab Contech-see media tab
3	KY 3499	Cushenberry Branch	002B00039N	
3	KY 585	Trammel Fork Creek	002B00051N	
3	KY 1153	Grassy Lick Creek	016B00031N	
3	CR 1271	Brushy Fork Creek	016C00016N	
3	KY 3233	Town Branch	071B00078N	
3	KY 1588	Trib of Mud River	071B00084N	
3	KY 591	Trib Woolsey Ck	071B00108N	MediaTab
3	KY 107	Unnamed Stream	071B00112N	Med Tab
3	CR 1070	Duncan Creek	071C00066N	
3	KY 664	Neeley Branch	107B00033N	
3	KY 73	Unnamed Stream	107B00037N	
3	KY 383	Neely Branch	107B00051N	
3	CR 1235	Sulphur Spring	107C00020N	
3	CR 1041	West Fork Drakes Creek	107C00022N	
3	KY 189	Buck Fork Creek	110B00036N	
3	KY 171	East Fk Pond River	110B00044N	
3	CR 1024	Unnamed Stream	110C00036N	
3	CR 1234	Trib of Red River	110C00038N	
3	CR 1107	Vicks Branch	110C00054N	
3	CR 1392	Stall Creek	114C00017N	

## Package #2

District	Route	Crossing	Bridge No.	DWG #
3	KY 422	Beaver Dam Creek	031B00026N	
3	KY 238	Unnamed	031B00030N	
3	KY 678	Hackers Branch	086B00039N	
3	KY 1366	White Oak Branch	086B00043N	10796

3	KY 678	Peter Creek	086B00048N	
3	KY 1366	Trib-E. FK. Barren River	086B00049N	
3	KY 839	Hendrick Branch	086B00055N	
3	CS 1038	Town Creek	086C00016N	
3	CR 1342	Peter Creek	086C00029N	
4	KY 629	Harris Fork	014B00058N	
4	CR 1316	Danels Creek	014C00026N	
4	KY 79	Dog Creek	043B00092N	
4	KY 2766	Alder Creek	043B00102N	
4	BG 9002	Miller Road	047B00040N	15850
4	KY 434	Mill Creek	047B00067N	8236
4	KY 1357	Trib of Rhudes Creek	047B00184N	see Media Tab
4	KY 49	Pottinger Creek	078B00035N	
4	CR 1204	Flat Run	109C00011N	
5	CR 1125	Scuffletown Hollow Cr	015C00036N	
5	KY 1689	Trib to N Elkhorn Creek	037B00034N	
5	KY 1707	Camp Pleasant Branch	037B00088N	
5	US 127/US 421	Old RR Tunnel	037B00089N	18619
5	US 421	Little Flat Creek	037B00106N	see Media Tab
5	KY 997	White Sulphur Fork	052B00060N	
5	KY 841	Wagon Box Road	056B00353N	
5	CS 1083	Bee Lick Creek	056C00266N	see Media Tab
5	KY 1488	Organ Creek	093B00048N	
5	KY 2858	Ashers Run	093B00056N	
5	KY 2861	Meadow Run Creek	106B00083N	
5	KY 625	Trib of Corn Creek	112B00034N	
5	CR 1116	Daugherty Creek	112C00023N	
6	KY 20	Taylor Creek	008B00020N	
6	KY 1292	Beaver Branch	008B00047N	
6	KY 338	Br of Woolper Creek	008B00063N	
6	CR 1144	McCoys Fork	008C00012N	
6	CR 1344	Trib to Allen Creek	008C00068N	
6	CS 1370	Unknown Stream	008C00071N	
6	CR 1376	Unknown Stream	008C00074N	
6	CR 1103	Twelvemile Creek	019C00074N	86824
6	CR 1004	Blackrock Creek	021C00022N	
6	KY 3002	Trib-Big Sugar Creek	039B00041N	
6	KY 1992	Paint lick Creek	039B00042N	
6	KY 1842	Mill Creek	049B00056N	
6	CR 1307	Mud Lick Branch	049C00062N	
6	CS 5079	Bullock Pen Creek	059C00064N	
6	CS 1017	Fowler Creek	059C00070N	160261
6	KY 1287	Stevens Creek	094B00044N	

7	KY 395	Br of Indian Creek	003B00041N	
7	KY 57	Boone Creek	009B00044N	
7	KY 1879	Laysons Branch	009B00055N	
7	CR 1103	Harrods Creek	009C00015N	10700
7	KY 499	Trib to Hays Fork	076B00116N	
7	CS 2330	Walnut Meadow Branch	076C00097N	
7	CS 2282	Walnut Meadow Branch	076C00098N	
7	CR 1107	Br Long Creek	087C00041N	
7	CR 1303	Br Elkhorn Creek	120C00026N	
8	KY 206	Trib of Spruce Pine Crk	001B00079N	
8	CR 1205	Glens Fork	001C00033N	
8	KY 1312	Beck Hollow Branch	029B00036N	

**Package #3**

District	Route	Crossing	Bridge No.	DWG #
8	KY 1742	Br of Dry Creek	023B00063N	
8	KY 1742	Br of Dry Creek	023B00064N	
8	KY 910	Branch-Dry Fork	023B00084N	
8	KY 698	McKinney Creek	069B00070N	
8	KY 300	Br of Harris Creek	069B00090N	
8	CR 1246	Fishing Creek	069C00017N	
8	CR 1346	Baughman Creek	069C00030N	
8	CR 1037	Br to Dix River	069C00054N	
8	KY 1247	Pitman Creek	100B00090N	
8	KY 3260	Caney Fk of Pitman Creek	100B00092N	
8	KY 196	Little White Oak Creek	100B00102N	
8	CR 1117	E. Fk. Skegg Creek	102C00033N	
8	KY 379	Crocus Creek	104B00003N	
8	KY 910	Irvin Branch	104B00015N	
8	CR 1253	Salt Lick Creek	104C00019N	
8	KY 1009	Gap Creek	116B00037N	
9	US 60	Tributary of Flat Creek	006B00086N	
9	US 60	Branch Hurricane Creek	006B00088N	
9	KY 1134	Little Hood Creek	010B00065N	
9	CR 1095	Fighting Fork	022C00073N	
9	CR 1123	Mason Branch	032C00028N	
9	CR 1111	Little Fork	032C00030N	
9	KY 681	Buchanan Creek	035B00055N	
9	KY 681	Delaney Creek	035B00103N	
9	CR 1229	Threemile Run Creek	035C00031N	
9	CR 1003	Unnamed Stream	035C00081N	see Media Tab
9	KY 503	Indian Run Creek	045B00033N	
9	CR 1250	Cabin Creek	068C00108N	

9	CR 1119	Indian Run Creek	081C00017N	
9	CS 1026	Clarks Run Creek	081C00072N	
9	KY 36	Br Brushy Fk-Big Brushy	091B00058N	
9	KY 36	Br Brushy Fk-Big Brushy	091B00059N	
9	CR 1035	Fill Material	103C00110N	
10	KY 541	War Creek	013B00057N	
10	KY 2469	Poncheon Camp Creek	013B00078N	
10	KY 1278	Leatherwood Creek	013B00081N	
10	KY 794	Calloway Creek	033B00021N	
10	CS 1024	Crystal Creek	065C00015N	
10	KY 847	Buck Creek	095B00017N	
10	KY 2021	Big Willard Creek	097B00129N	
10	KY 2022	Squabble Creek	097B00136N	
10	KY 1057	Hardwick Creek	099B00056N	
11	KY 74	CSX Railroad	007B00112N	20575
11	KY 1850	Phillips Fork	026B00087N	
11	KY 3458	Yocums Creek	048B00170N	
11	KY 3458	Yocum Creek	048B00171N	
11	CS 1014	Sallys Branch	063C00038N	
11	KY 699	Maggards Branch	066B00031N	
11	HR 9006	Sugar Camp Br Road	066B00048N	17788
11	KY 779	Brown's Creek	118B00079N	
12	KY 979	Toler Creek	036B00091N	
12	CR 1236	Clear Creek	060C00039N	
12	CR 1221	Carrs Fork Spillway	060C00054N	
12	CR 1202	Rt Fk of Little Blaine	064C00091N	
12	KY 343	Yonts Fork	067B00127N	
12	KY 3227	Stone Coal Creek	098B00224N	
12	KY 3227	Stone Coal Creek	098B00225N	
12	KY 1460	Lower Chloe Creek	098B00233N	
12	CR 1291	Island Creek	098C00183N	

## II. PROJECT INFORMATION

Project Manager - Dora Alexander, P.E.  
 User Division - Division of Maintenance  
 Approximate Fee - Package 1 – \$205,000  
                                   Package 2 – \$205,000  
                                   Package 3 – \$205,000  
 Contracting Method - Cost Plus a Fixed Fee  
 Project Funding - Federal Funds  
 Contract Term - One Year

**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, determine load postings, and used for permitting overweight vehicles.

**IV. DBE REQUIREMENT**

None

**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.

Consultants may be required to gather measurements in the field in order to perform the load rating on each culvert.

**VI. SPECIAL INSTRUCTIONS**

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 \$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.

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

**VIII. PROCUREMENT SCHEDULE**

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

- Bulletin Posted: November 12, 2019
- Response Date: December 4, 2019 by 4:30 PM ET (Frankfort Time)
- First Selection: December 9, 2019
- Final Selection: December 20, 2019
- Pre-Design Conference: January 2, 2020
- Fee Proposal: January 10, 2020
- Contract Negotiations: January 22, 2020
- Notice to Proceed: February 20, 2020

**IX. PROJECT SCHEDULE**

Final report must be submitted on or before November 30, 2020.

**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 culvert load rating. (20 Points)
3. Consultant's past performance on similar projects. (15 Points)
4. Capacity to comply with schedules. (15 Points)
5. Knowledge of the locality and familiarity of the general geographic area. (5 Points)

**XI. SELECTION COMMITTEE MEMBERS**

1. Dora Alexander, P.E., User Division
2. Joshua Rogers, P.E., User Division
3. Craig Caudill, P.E., Secretary's Pool
4. Stewart Lich, P.E., Secretary's Pool
5. Kellie Baker, P.E., Governor's Pool