

December 5, 2024

Mike Jones
City of Lawton
2202 SW 3rd Street
Lawton, OK 73501

Dear Mr. Jones,

RE: EN2112: Cache Road over Wolf Creek, Bridge Rehabilitation - Award Recommendation

Bids were opened on Wednesday, 12/4/2024. Four Bids were received, and we have reviewed the bid tabulations for construction of the referenced project. There were 35 pay items bid. Of these, 34 pay items met expectations.

Line item 14, Painting Existing Structures, exceeded cost expectations initially. Additional thoughts related to this pay item are as follows:

- Painting Existing Structures is a specialized effort that involves removing & capturing all the lead-based paint from the existing steel bridge components and then painting the steel with a three-coat paint system.
- The four bids received for this activity were reasonably grouped to indicate rebidding would not likely result in significantly lower values. See the bids received for this item below.
 - \$612,500.00
 - \$560,000.00
 - \$536,000.00
 - \$641,730.00
- The bid on this item seems to reflect abnormal inflation for this specialty work compared to the latest pricing on similar ODOT bundled projects over the last few years.
- Because only two bridges are on this proposed contract, Lawton is unable to benefit from “economy of scale” by having 10 or more bridges being painted under this contract.
- This specialty activity has a limited number of service providers nation-wide and is typically performed by an Out-of-State sub-contractor. There is significant uncertainty related to which paint contractors will be interested, available, and willing to bid.
- Involves significant efforts related protecting & monitoring both worker safety and environmental safety.
- Issues related to the federal Migratory Bird Treaty (US/Canada/Mexico/Japan/Russia) and the efforts to keep migratory birds from nesting on the bridges.
- Currently there are transients residing under the bridges.
- Uncertainties related to project start time, paint schedules availability, weather, and the above items have contributed to the apparent low-bidder not yet locking in which paint sub-contractor they will utilize.

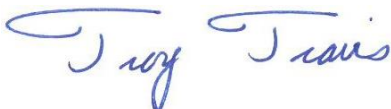
The four bids were received and are summarized below along with the Engineer’s Estimate:

	<u>Total Bid Amount</u>
K & R Builders, Inc.	\$1,851,666.36
B&B Construction Services J.T. Inc.	\$1,866,764.20
Logos Construction Co., LLC	\$2,069,419.40
Haskell Lemon Group, LLC	\$2,726,071.99
Engineer’s Estimate	\$1,434,622.60

The low bid is approximately 29% higher than the Engineer’s Estimate because of Line Item 14. The bids have been reviewed for mathematical accuracy and evaluated to identify any potential irregularities in the bid. There were some minor inconsistencies in the Bid Proposal Forms, but nothing that changes the low-bidder’s documentation or would change the bid order or our award recommendation.

We recommend K & R Builders, Inc. be awarded the contract at the base price bid of \$1,851,666.36.

Sincerely,



Troy Travis, P.E.
Project Manager

PROJECT EN2112 BID TABULATIONS - CACHE ROAD OVER WOLF CREEK

Line	ITEM	DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		K & R Builders, Inc.		B&B Construction Services J.T. Inc.		Logos Constrution Co., LLC		Haskell Lemon Group, LLC	
					UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST	UNIT COST	COST
1	202(D)	2510 UNCLASSIFIED BORROW	CY	100.00	\$ 40.00	\$ 4,000.00	\$ 42.40	\$ 4,240.00	\$ 50.00	\$ 5,000.00	\$ 100.00	\$ 10,000.00	\$ 97.10	\$ 9,710.00
2	501(G)	1800 CLSM BACKFILL	CY	40.60	\$ 330.00	\$ 13,398.00	\$ 328.00	\$ 13,316.80	\$ 800.00	\$ 32,480.00	\$ 300.00	\$ 12,180.00	\$ 299.00	\$ 12,139.40
3	502(B)	3320 (PL) FALSEWORK JACKING	LSUM	1.00	\$ 50,000.00	\$ 50,000.00	\$ 16,500.00	\$ 16,500.00	\$ 30,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00	\$ 133,218.78	\$ 133,218.78
4	504	5140 HANGERS	EA	10.00	\$ 500.00	\$ 5,000.00	\$ 380.00	\$ 3,800.00	\$ 200.00	\$ 2,000.00	\$ 450.00	\$ 4,500.00	\$ 233.00	\$ 2,330.00
5	504(B)	5300 SAW-CUT GROOVING	SY	405.40	\$ 9.00	\$ 3,648.60	\$ 15.40	\$ 6,243.16	\$ 15.00	\$ 6,081.00	\$ 6.00	\$ 2,432.40	\$ 15.40	\$ 6,243.16
6	504(E)	5500 CONCRETE PARAPET	LF	168.00	\$ 250.00	\$ 42,000.00	\$ 226.75	\$ 38,094.00	\$ 350.00	\$ 58,800.00	\$ 250.00	\$ 42,000.00	\$ 315.50	\$ 53,004.00
7	506(A)	7200 STRUCTURAL STEEL	LB	1,100.00	\$ 6.50	\$ 7,150.00	\$ 22.00	\$ 24,200.00	\$ 14.00	\$ 15,400.00	\$ 20.00	\$ 22,000.00	\$ 22.00	\$ 24,200.00
8	507(B)	8310 WEATHERING STL EXP.BEARING ASSEMBLY	EA	10.00	\$ 2,600.00	\$ 26,000.00	\$ 3,465.00	\$ 34,650.00	\$ 2,750.00	\$ 27,500.00	\$ 3,148.00	\$ 31,480.00	\$ 3,463.00	\$ 34,630.00
9	509(A)	0210 CLASS AA CONCRETE	CY	119.20	\$ 1,050.00	\$ 125,160.00	\$ 1,830.00	\$ 218,136.00	\$ 1,708.00	\$ 203,593.60	\$ 3,145.00	\$ 374,884.00	\$ 3,614.00	\$ 430,788.80
10	509(D)	0510 CLASS C CONCRETE	CY	30.00	\$ 850.00	\$ 25,500.00	\$ 780.00	\$ 23,400.00	\$ 900.00	\$ 27,000.00	\$ 750.00	\$ 22,500.00	\$ 607.00	\$ 18,210.00
11	511	2100 MECHANICAL SPLICES	EA	440.00	\$ 70.00	\$ 30,800.00	\$ 50.50	\$ 22,220.00	\$ 55.00	\$ 24,200.00	\$ 70.00	\$ 30,800.00	\$ 40.50	\$ 17,820.00
12	511(A)	2210 REINFORCING STEEL	LB	2,000.00	\$ 2.30	\$ 4,600.00	\$ 0.80	\$ 1,600.00	\$ 2.00	\$ 4,000.00	\$ 0.72	\$ 1,440.00	\$ 0.79	\$ 1,580.00
13	511(B)	2310 EPOXY COATED REINFORCING STEEL	LB	32,960.00	\$ 3.50	\$ 115,360.00	\$ 2.00	\$ 65,920.00	\$ 2.75	\$ 90,640.00	\$ 2.50	\$ 82,400.00	\$ 3.60	\$ 118,656.00
14	512(A)	3200 PAINTING EXISTING STRUCTURES	LSUM	1.00	\$ 185,000.00	\$ 185,000.00	\$ 612,500.00	\$ 612,500.00	\$ 560,000.00	\$ 560,000.00	\$ 536,000.00	\$ 536,000.00	\$ 641,730.00	\$ 641,730.00
15	512(B)	3300 COLLECTION AND HANDLING OF WASTE	LSUM	1.00	\$ 26,000.00	\$ 26,000.00	\$ 30,500.00	\$ 30,500.00	\$ 27,000.00	\$ 27,000.00	\$ 25,600.00	\$ 25,600.00	\$ 53,565.00	\$ 53,565.00
16	513(B)	4300 CLASS B BRIDGE DECK REPAIR	SY	116.00	\$ 600.00	\$ 69,600.00	\$ 370.00	\$ 42,920.00	\$ 580.00	\$ 67,280.00	\$ 335.00	\$ 38,860.00	\$ 368.50	\$ 42,746.00
17	513(C)	4400 CLASS C BRIDGE DECK REPAIR	SY	30.00	\$ 900.00	\$ 27,000.00	\$ 495.00	\$ 14,850.00	\$ 800.00	\$ 24,000.00	\$ 450.00	\$ 13,500.00	\$ 495.00	\$ 14,850.00
18	515(A)	7200 WATER REPELLENT (VISUALLY INSPECTED)	SY	644.00	\$ 7.00	\$ 4,508.00	\$ 6.00	\$ 3,864.00	\$ 7.00	\$ 4,508.00	\$ 6.00	\$ 3,864.00	\$ 6.05	\$ 3,896.20
19	517	9110 ELASTOMERIC COATING	SF	1,740.00	\$ 29.00	\$ 50,460.00	\$ 24.25	\$ 42,195.00	\$ 24.50	\$ 42,630.00	\$ 25.00	\$ 43,500.00	\$ 27.50	\$ 47,850.00
20	518(B)	0300 SEALED EXPANSION JOINTS	LF	168.00	\$ 540.00	\$ 90,720.00	\$ 470.00	\$ 78,960.00	\$ 370.00	\$ 62,160.00	\$ 700.00	\$ 117,600.00	\$ 336.00	\$ 56,448.00
21	518(C)	0400 RAPID CURE JOINT SEALANT	LF	167.00	\$ 42.00	\$ 7,014.00	\$ 33.75	\$ 5,636.25	\$ 25.00	\$ 4,175.00	\$ 35.00	\$ 5,845.00	\$ 26.40	\$ 4,408.80
22	520(A)	1200 PREPARATION OF CRACKS, ABOVE WATER	LF	13.00	\$ 45.00	\$ 585.00	\$ 55.00	\$ 715.00	\$ 45.00	\$ 585.00	\$ 50.00	\$ 650.00	\$ 55.00	\$ 715.00
23	520(C)	1400 EPOXY RESIN, ABOVE WATER	GAL	1.20	\$ 180.00	\$ 216.00	\$ 55.00	\$ 66.00	\$ 150.00	\$ 180.00	\$ 50.00	\$ 60.00	\$ 55.00	\$ 66.00
24	523(C)	3400 DECK AREA SEALED (FLOODCOATS)	SY	1,618.00	\$ 28.00	\$ 45,304.00	\$ 18.15	\$ 29,366.70	\$ 15.00	\$ 24,270.00	\$ 20.00	\$ 32,360.00	\$ 19.30	\$ 31,227.40
25	535	7100 CORROSION INHIBITOR (SURFACE APPLIED)	SY	124.10	\$ 70.00	\$ 8,687.00	\$ 49.50	\$ 6,142.95	\$ 46.00	\$ 5,708.60	\$ 45.00	\$ 5,584.50	\$ 49.50	\$ 6,142.95
26	540	8112 (PL) REPAIR BRIDGE ITEMS	SY	79.30	\$ 815.00	\$ 64,629.50	\$ 935.00	\$ 74,145.50	\$ 840.00	\$ 66,612.00	\$ 950.00	\$ 75,335.00	\$ 1,045.00	\$ 82,868.50
27	601(A)	1110 TYPE I PLAIN RIPRAP	TON	1,480.00	\$ 90.00	\$ 133,200.00	\$ 85.50	\$ 126,540.00	\$ 95.00	\$ 140,600.00	\$ 95.00	\$ 140,600.00	\$ 98.30	\$ 145,484.00
28	619(B)	6304 REMOVAL OF BRIDGE ITEMS	LSUM	1.00	\$ 62,000.00	\$ 62,000.00	\$ 128,500.00	\$ 128,500.00	\$ 148,000.00	\$ 148,000.00	\$ 175,000.00	\$ 175,000.00	\$ 435,000.00	\$ 435,000.00
29	641	2100 MOBILIZATION	LSUM	1.00	\$ 110,000.00	\$ 110,000.00	\$ 115,000.00	\$ 115,000.00	\$ 110,000.00	\$ 110,000.00	\$ 128,000.00	\$ 128,000.00	\$ 161,250.00	\$ 161,250.00
30	642(B)	3300 CONSTRUCTION STAKING LEVEL II	LSUM	1.00	\$ 17,000.00	\$ 17,000.00	\$ 5,500.00	\$ 5,500.00	\$ 7,000.00	\$ 7,000.00	\$ 3,700.00	\$ 3,700.00	\$ 35,060.00	\$ 35,060.00
31	856(A)	8204 TRAFFIC STRIPE(MULTI-POLY.)(6" WIDE)	LF	1,260.00	\$ 2.00	\$ 2,520.00	\$ 5.50	\$ 6,930.00	\$ 5.60	\$ 7,056.00	\$ 3.15	\$ 3,969.00	\$ 3.30	\$ 4,158.00
32	858(A)	0260 PAVE.MARKERS CLASS C TYPE 2	EA	6.00	\$ 50.00	\$ 300.00	\$ 275.00	\$ 1,650.00	\$ 280.00	\$ 1,680.00	\$ 10.50	\$ 63.00	\$ 11.00	\$ 66.00
33	877(B)	4300 DELIVER PORTABLE LONGITUDINAL BARRIER	LF	225.00	\$ 35.00	\$ 7,875.00	\$ 50.00	\$ 11,250.00	\$ 50.00	\$ 11,250.00	\$ 53.00	\$ 11,925.00	\$ 55.00	\$ 12,375.00
34	877(C)	4400 RELOCATION OF PORT. LONGITUDINAL BARRIER	LF	675.00	\$ 6.50	\$ 4,387.50	\$ 6.00	\$ 4,050.00	\$ 5.00	\$ 3,375.00	\$ 6.50	\$ 4,387.50	\$ 6.60	\$ 4,455.00
35	880(J)	7110 CONSTRUCTION TRAFFIC CONTROL	LSUM	1.00	\$ 65,000.00	\$ 65,000.00	\$ 38,065.00	\$ 38,065.00	\$ 22,000.00	\$ 22,000.00	\$ 51,400.00	\$ 51,400.00	\$ 79,180.00	\$ 79,180.00
TOTAL ESTIMATED PROJECT COST						\$ 1,434,622.60		\$ 1,851,666.36		\$ 1,866,764.20		\$ 2,069,419.40		\$ 2,726,071.99
Percent of Engineer's Estimate								129.07%		130.12%		144.25%		147.22%