



June 14, 2022

Kent Peetz
Director of Public Works
City of Jackson
101 Court Street
Jackson, MO 63755

RE: Recommendation of Award
Mary Street Bridge and Sidewalk Improvements
Project No. SC20-1186

Dear Mr. Peetz,

This letter is to advise you that Cochran has reviewed the bids the City received on the above-referenced project. There were three (3) bids received. After careful consideration and analysis of the bid tabulation, it is our recommendation that the City of Jackson award the above referenced project to Putz Construction, LLC. Their bid was the lowest bid received and they appear to be a responsible firm and capable of performing the work associated with the project. A review of the required paperwork and bonds submitted with the bid revealed that everything is in compliance with the terms outlined in the Bid Proposal.

There was a minor mathematical error in Putz Constructions bid of eight cents. This error is negligible and did not affect our recommendation. The price submitted by Putz Construction, LLC was \$1,643,870.58, which is 4.6% above the engineer's estimate for the project. Industry wide, current bid results are indicating a large increase in construction costs due to higher material costs, increased labor costs, labor shortages, increased fuel costs and higher than normal inflation. Recently, these increases have resulted in costs approximately 25-35 % higher than normal, so we believe the bids in this case were competitive. From past experiences, we do not believe rebidding the project will result in lower unit prices.

The Bid Tabulation with the Engineer's estimate has been included with this letter. Please let me know if you have any questions or require any additional information.

Sincerely,

A handwritten signature in blue ink that reads 'Mike D. Spalding'.

Michael D. Spalding
Senior Project Manager

Project Name: Mary Street Bridge and Sidewalk Improvements
Sponsor: Jackson, Missouri
Cochran #: SC20-1186
Bid Date: June 1, 2022



Bid No.	Spec. No.	Description	Unit	Quantity	Engineer		Putz Construction		C-Hill Civil Contractors		Fronabarger Concreters	
					Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost
1	2013000	Clearing and Grubbing	LS	1	\$5,000.00	\$5,000	\$15,000.00	\$15,000	\$6,500.00	\$6,500	\$10,000.00	\$10,000
2	2022010	Removal of Improvements	LS	1	\$20,000.00	\$20,000	\$45,000.00	\$45,000	\$8,750.00	\$8,750	\$45,000.00	\$45,000
3	2035000	Unclassified Excavation	LS	1	\$5,000.00	\$5,000	\$6,000.00	\$6,000	\$42,800.00	\$42,800	\$25,000.00	\$25,000
4	2035500	Embankment in Place	CY	3,000	\$15.00	\$45,000	\$25.00	\$75,000	\$24.50	\$73,500	\$30.00	\$90,000
5	3040504	Type 1 Aggregate For Base (8")(Roadway)	SY	1,024	\$10.00	\$10,240	\$15.00	\$15,360	\$13.00	\$13,312	\$12.00	\$12,288
6	3105002	Gravel (A) or Crushed Stone (B)	TON	12	\$100.00	\$1,200	\$30.00	\$360	\$58.00	\$696	\$35.00	\$420
7	4011208	Bituminous Pavement Mixture (BP-2) (Surface Course) (2")	TON	181	\$120.00	\$21,720	\$110.00	\$19,910	\$103.00	\$18,643	\$100.00	\$18,100
8	4011209	Bituminous Pavement Mixture PG64-22 (BP-1) (2")	TON	116	\$120.00	\$13,920	\$113.61	\$13,179	\$106.50	\$12,354	\$105.00	\$12,180
9	4020520	Bituminous Pavement Mixture PG64-22 (BASE) (Base)(3")(Two Lifts)	TON	346	\$120.00	\$41,520	\$81.30	\$28,130	\$85.00	\$29,410	\$75.00	\$25,950
10	6062401	Thrie Beam Rail (Curved to 13' radius)	LF	25	\$50.00	\$1,250	\$330.00	\$8,250	\$75.00	\$1,875	\$300.00	\$7,500
11	6062303	Asymmetrical Transition Section, 6.5 Ft. Posts	EA	1	\$700.00	\$700	\$1,980.00	\$1,980	\$600.00	\$600	\$1,800.00	\$1,800
12	6063025	Type A Crashworthy End Terminal (TL-2, 25')	EA	1	\$3,000.00	\$3,000	\$3,960.00	\$3,960	\$3,450.00	\$3,450	\$3,600.00	\$3,600
13	6063026	End Shoe (fishtail) for Thrie Beam Rail	EA	3	\$200.00	\$600	\$550.00	\$1,650	\$200.00	\$600	\$500.00	\$1,500
14	6085000	Concrete Approach, 7" (Remove and Replace)	SF	2,928	\$8.00	\$23,424	\$8.25	\$24,156	\$15.50	\$45,384	\$10.00	\$29,280
15	6091053	Concrete Rolled Curb and Gutter, 4" (Variable Width)	LF	200	\$25.00	\$5,000	\$35.00	\$7,000	\$47.00	\$9,400	\$35.00	\$7,000
16	6091012	Concrete Vertical Curb and Gutter (18" gutter)	LF	135	\$25.00	\$3,375	\$35.00	\$4,725	\$63.00	\$8,505	\$35.00	\$4,725
17	6091012	Concrete Vertical Curb, 6"	LF	73	\$20.00	\$1,460	\$35.00	\$2,555	\$79.50	\$5,804	\$35.00	\$2,555
18	6143020	Storm Sewer Structure (Curb Inlet)	EA	2	\$3,000.00	\$6,000	\$5,000.00	\$10,000	\$5,500.00	\$11,000	\$3,650.00	\$7,300
19	JSP	Remove, Preserve and Install or Replace Parking Bumpers	EA	11	\$200.00	\$2,200	\$150.00	\$1,650	\$220.00	\$2,420	\$175.00	\$1,925
20	6181000	Mobilization	LS	1	\$100,000	\$100,000	\$80,000	\$80,000	\$68,870	\$68,870	\$335,000	\$335,000
21	7261018	Storm Sewer 18" RCP	LF	120	\$100.00	\$12,000	\$95.00	\$11,400	\$99.00	\$11,880	\$90.00	\$10,800
Sub-Total Roadway Items						322,609.00	375,264.56	375,752.50	651,923.00			

Project Name: Mary Street Bridge and Sidewalk Improvements
Sponsor: Jackson, Missouri
Cochran #: SC20-1186
Bid Date: June 1, 2022



Bid No.	Spec. No.	Description	Unit	Quantity	Engineer		Putz Construction		C-Hill Civil Contractors		Fronabarger Concreters	
					Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost	Unit Cost	Extended Cost
22	JSP	Curb Stop	EA	5	\$400.00	\$2,000	\$600.00	\$3,000	\$463.00	\$2,315	\$750.00	\$3,750
23	JSP	Water Meter and Vault (3/4")	EA	5	\$2,500.00	\$12,500	\$1,800.00	\$9,000	\$1,545.00	\$7,725	\$2,500.00	\$12,500
24	JSP	Water Service Line & Conncctions (3/4")	EA	5	\$1,500.00	\$7,500	\$1,500.00	\$7,500	\$721.00	\$3,605	\$2,500.00	\$12,500
25	JSP	Water Sevice Line Bore	LF	65	\$65.00	\$4,225	\$30.00	\$1,950	\$31.00	\$2,015	\$75.00	\$4,875
26	JSP	Water Main (8" C900 PVC)	LF	356	\$60.00	\$21,360	\$75.00	\$26,700	\$113.00	\$40,228	\$100.00	\$35,600
27	JSP	8"x8" Tapping Sleeve and Valve	EA	1	\$5,000.00	\$5,000	\$4,500.00	\$4,500	\$6,695.00	\$6,695	\$4,000.00	\$4,000
28	JSP	8" Gate Valve	EA	1	\$1,500.00	\$1,500	\$3,500.00	\$3,500	\$3,090.00	\$3,090	\$2,000.00	\$2,000
29	JSP	Cut & Cap Existing Water Main & Repair Pavement	EA	1	\$1,500.00	\$1,500	\$2,000.00	\$2,000	\$1,236.00	\$1,236	\$4,000.00	\$4,000
30	JSP	Fire Hydrant Assembly including valve	EA	1	\$4,000.00	\$4,000	\$8,000.00	\$8,000	\$7,725.00	\$7,725	\$5,500.00	\$5,500
Sub-Total Water Line Items						\$59,585.00		\$66,150.00		\$74,634.00		\$84,725.00
31	JSP	Sanitary Sewer 8" PVC	LF	107	\$50.00	\$5,350	\$60.00	\$6,420	\$155.00	\$16,585	\$120.00	\$12,840
32	JSP	Connection to Existing Manhole (8")	EA	3	\$1,500.00	\$4,500	\$2,000.00	\$6,000	\$7,210.00	\$21,630	\$2,000.00	\$6,000
33	JSP	Sanitary Sewer 18" PVC	LF	49	\$90.00	\$4,410	\$115.00	\$5,635	\$258.00	\$12,642	\$300.00	\$14,700
34	JSP	Adjust to Grade Sanitary Manhole	VF	4.9	\$500.00	\$2,450	\$400.00	\$1,960	\$1,030.00	\$5,047	\$1,250.00	\$6,125
35	JSP	Sanitary Sewer Structure (4' Dia. Manhole)	EA	2	\$5,000.00	\$10,000	\$5,500.00	\$11,000	\$8,240.00	\$16,480	\$4,500.00	\$9,000
Sub-Total Sanitary Sewer Items						\$26,710.00		\$31,015.00		\$72,384.00		\$48,665.00
36	6161005	Construction Signs	SF	144.5	\$15.00	\$2,168	\$10.50	\$1,517	\$9.00	\$1,301	\$10.00	\$1,445
37	6161031	Type III Moveable Barricade with Lights	EA	11	\$400.00	\$4,400	\$264.00	\$2,904	\$231.00	\$2,541	\$225.00	\$2,475
38	6161099	Changeable Message Sign With Communication Interface, Contractor Furnished, Contractor Retained	EA	2	\$4,000.00	\$8,000	\$3,850.00	\$7,700	\$3,605.00	\$7,210	\$3,500.00	\$7,000
39	6169902	Crosswalk Sign With Arrow (W11-2)(W16-7pL)	EA	2	\$600.00	\$1,200	\$82.50	\$165	\$67.00	\$134	\$450.00	\$900
40	6200015	Pavement Marking Mid Block Crossing (24" x 72") (White Preformed Thermoplastic)	LF	210	\$12.00	\$2,520	\$28.60	\$6,006	\$22.00	\$4,620	\$25.00	\$5,250
41	6205901A	Pavement Marking 4 In. White and Yellow (High Build Waterborne) Type L Beads	LF	1,066	\$2.00	\$2,132	\$2.48	\$2,644	\$2.00	\$2,132	\$2.00	\$2,132
42	6206124A	Pavement Marking - Stop Bars 24" - Yellow (Acrylic Waterbourne)	LF	25.5	\$10.00	\$255	\$14.30	\$365	\$10.50	\$268	\$25.00	\$638
43	9031200	Sign Relocation on New Post	EA	8	\$500.00	\$4,000	\$1,320.00	\$10,560	\$77.25	\$618	\$450.00	\$3,600
Sub-Total Signing/Striping/Signal Items						\$24,674.50		\$31,860.58		\$18,823.25		\$23,439.50

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44	6071066	Pedestrian Fence (42")	LF	132	\$150.00	\$19,800	\$264.00	\$34,848	\$240.50	\$31,746	\$265.50	\$35,046
45	6081012	Detectable Warning Device	SF	102	\$25.00	\$2,550	\$25.00	\$2,550	\$41.50	\$4,233	\$25.00	\$2,550
46	6086000	Concrete Sidewalk, 4" Thick	SF	6,588	\$5.00	\$32,940	\$6.25	\$41,175	\$7.15	\$47,104	\$10.00	\$65,880
47	6086000	Concrete Sidewalk, 4" (Thickened for Fence)	SF	520	\$6.00	\$3,120	\$7.50	\$3,900	\$11.50	\$5,980	\$12.00	\$6,240
48	6086000	Concrete Sidewalk, 6" Thick	SF	990	\$6.50	\$6,435	\$8.00	\$7,920	\$18.50	\$18,315	\$20.00	\$19,800
49	6086000	Concrete Sidewalk, 8" Thick	SF	590	\$7.00	\$4,130	\$12.50	\$7,375	\$25.00	\$14,750	\$22.00	\$12,980
50	6086000	Concrete Curb Ramp, 6" Thick	SF	626	\$8.00	\$5,008	\$9.75	\$6,104	\$33.00	\$20,658	\$20.00	\$12,520
51	6086100	Concrete Steps with Handrail	EA	14	\$500.00	\$7,000	\$593.00	\$8,302	\$1,075.00	\$15,050	\$550.00	\$7,700
52	7034009	Retaining Wall, 8" Type A	SF	300	\$60.00	\$18,000	\$31.25	\$9,375	\$68.00	\$20,400	\$85.00	\$25,500
53	7034009	Retaining Wall, 6" Type B	SF	400	\$60.00	\$24,000	\$32.00	\$12,800	\$58.00	\$23,200	\$80.00	\$32,000
54	7034009	Retaining Wall, 8" Type C	SF	195	\$60.00	\$11,700	\$87.00	\$16,965	\$105.00	\$20,475	\$125.00	\$24,375
55	7201001	Block Retaining Wall Type D	SF	461	\$60.00	\$27,660	\$60.00	\$27,660	\$60.00	\$27,660	\$65.00	\$29,965
56	8051000A	Seeding - Cool Season Mixtures	LS	1	\$8,000.00	\$8,000	\$8,000.00	\$8,000	\$8,750.00	\$8,750	\$7,500.00	\$7,500
Sub-Total Bicycle / Pedestrian / Landscaping / Streetscaping Items						<u>\$170,343.00</u>		<u>\$186,973.50</u>		<u>\$258,321.20</u>		<u>\$282,056.00</u>

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57	2061000	Class 1 Excavation	CY	460	\$40.00	\$18,400	\$35.00	\$16,100	\$20.00	\$9,200	\$17.40	\$8,004
58	2061000	Class 1 Excavation in Rock	CY	40	\$250.00	\$10,000	\$120.00	\$4,800	\$75.00	\$3,000	\$134.50	\$5,380
59	2160500	Removal of Low Water Crossing	EA	1	\$50,000.00	\$50,000	\$14,000.00	\$14,000	\$15,000.00	\$15,000	\$21,500.00	\$21,500
60	5031010	Bridge Approach Slabs	SY	177.8	\$280.00	\$49,784	\$226.00	\$40,183	\$265.00	\$47,117	\$315.00	\$56,007
61	6071066	Pedestrian Fence (72")	LF	263	\$200.00	\$52,600	\$250.00	\$65,750	\$313.00	\$82,319	\$325.00	\$85,475
62	6113021	Furnishing Type 2 Rock Blanket	TON	700	\$35.00	\$24,500	\$35.00	\$24,500	\$20.00	\$14,000	\$23.00	\$16,100
63	6113041	Placing Type 2 Rock Blanket	TON	700	\$35.00	\$24,500	\$35.00	\$24,500	\$12.00	\$8,400	\$31.50	\$22,050
64	6240103A	Permanent Erosion Control Geotextile - Class 1	SY	600	\$4.00	\$2,400	\$2.50	\$1,500	\$3.00	\$1,800	\$2.80	\$1,680
65	7032003	Class B Concrete (Substructure)	CY	176.9	\$1,500.00	\$265,350	\$1,115.00	\$197,244	\$744.00	\$131,614	\$880.00	\$155,672
66	7034221	Waterproofing membrane and sealer (under asphalt)	SY	381.3	\$80.00	\$30,504	\$42.80	\$16,320	\$35.00	\$13,346	\$57.50	\$21,925
67	7134000	Bridge Guard Rail (Thrie-Beam)	LF	250	\$260.00	\$65,000	\$265.00	\$66,250	\$168.00	\$42,000	\$265.00	\$66,250
68	7056059	30", Prestressed Concrete Adjacent Box Beam	LF	920	\$350.00	\$322,000	\$467.75	\$430,330	\$475.00	\$437,000	\$500.00	\$460,000
69	7101000	Reinforcing Steel (Epoxy Coated)(Grade 60)	LB	28,230	\$1.70	\$47,991	\$1.70	\$47,991	\$2.05	\$57,872	\$2.50	\$70,575
70	7161001	Plain Neoprene Bearing Pad	LF	80	\$50.00	\$4,000	\$39.25	\$3,140	\$57.00	\$4,560	\$92.00	\$7,360
Sub-Total Bridge Items						<u>\$967,029.00</u>		<u>\$952,606.94</u>		<u>\$867,226.60</u>		<u>\$997,977.75</u>
Total Base Bid						<u>\$1,570,950.50</u>	<u>\$1,643,870.58</u>	<u>\$1,643,870.50</u>		<u>\$1,667,141.55</u>		<u>\$2,088,786.25</u>