

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F

E Main Street N Bridge Repair

19-2525 / CIP 51247

10/28/22

ORIGINAL CONTRACT AMOUNT: \$1,407,815.01




CONTRACTOR: HEAVY CONSTRUCTORS, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	Mobilization	LS	1.00	\$160,868.23	\$160,868.23	1.00	\$160,868.23	\$0.00
2	Construction Staking	LS	1.00	\$1,772.85	\$1,772.85	1.00	\$1,772.85	\$0.00
3	Bridge Elevation Survey	LS	1.00	\$1,772.85	\$1,772.85	1.00	\$1,772.85	\$0.00
4	Remove Concrete Bridge Slab	SY	565.00	\$58.48	\$33,041.20	565.00	\$33,041.20	\$0.00
5	Remove Traffic Sign	EA	2.00	\$88.64	\$177.28	2.00	\$177.28	\$0.00
6	Remove Concrete Curb and/or Gutter	FT	285.00	\$13.09	\$3,730.65	285.00	\$3,730.65	\$0.00
7	Remove Asphalt Concrete Pavement	SY	313.00	\$4.43	\$1,386.59	313.00	\$1,386.59	\$0.00
8	Remove Concrete Pavement	SY	200.00	\$15.88	\$3,176.00	200.00	\$3,176.00	\$0.00
9	Remove Concrete Sidewalk	SY	145.00	\$3.30	\$478.50	145.00	\$478.50	\$0.00
10	Remove Sign for Reset	EA	7.00	\$88.64	\$620.48	7.00	\$620.48	\$0.00
11	Unclassified Excavation	CY	825.00	\$30.14	\$24,865.50	825.00	\$24,865.50	\$0.00
12	Incidental Work, Grading	LS	1.00	\$4,534.30	\$4,534.30	1.00	\$4,534.30	\$0.00
13	Base Course	TON	222.00	\$47.63	\$10,573.86	259.15	\$12,343.31	\$1,769.45
14	Gravel Cushion	TON	210.00	\$55.79	\$11,715.90	210.00	\$11,715.90	\$0.00
15	Asphalt Concrete Composite	TON	5.20	\$236.38	\$1,229.18	5.20	\$1,229.18	\$0.00
16	7.5" Nonreinforced PCC Pavement	SY	324.00	\$112.37	\$36,407.88	324.00	\$36,407.88	\$0.00
17	7.5" PCC Fillet Section	SY	31.00	\$200.12	\$6,203.72	31.00	\$6,203.72	\$0.00
18	Insert Steel Bar in PCC Pavement	EA	36.00	\$36.64	\$1,319.04	36.00	\$1,319.04	\$0.00
19	Remove and Reset Bridge Girder	LS	1.00	\$37,976.10	\$37,976.10	1.00	\$37,976.10	\$0.00
20	Modify Girder End	EA	10.00	\$1,354.37	\$13,543.70	10.00	\$13,543.70	\$0.00
21	Laminated Elastometric Bearing Pad	EA	20.00	\$674.33	\$13,486.60	20.00	\$13,486.60	\$0.00
22	Membrane Sealant Expansion Joint	FT	129.00	\$73.80	\$9,520.20	129.00	\$9,520.20	\$0.00
23	Bridge Repainting Class II	LS	1.00	\$170,192.90	\$170,192.90	1.00	\$170,192.90	\$0.00
24	Granular Bridge End Backfill	CY	20.00	\$690.85	\$13,817.00	20.00	\$13,817.00	\$0.00
25	18" RCP Class 3, Furnish	FT	8.00	\$31.55	\$252.40	8.00	\$252.40	\$0.00
26	18" RCP, Install	FT	8.00	\$51.54	\$412.32	8.00	\$412.32	\$0.00
27	Reset Pipe Section	EA	1.00	\$516.42	\$516.42	1.00	\$516.42	\$0.00
28	Class A45 Concrete, Bridge Deck	CY	134.70	\$1,536.89	\$207,019.08	134.70	\$207,019.08	\$0.00

29	Class A45 Concrete, Bridge	CY	34.40	\$2,543.28	\$87,488.83	34.40	\$87,488.83	\$0.00
30	Class A45 Concrete, Bridge Repair	CY	26.80	\$2,448.19	\$65,611.49	26.80	\$65,611.49	\$0.00
31	Concrete Approach Slab for Bridge	SY	180.30	\$288.75	\$52,061.63	180.30	\$52,061.63	\$0.00
32	Bridge	SY	63.70	\$262.74	\$16,736.54	63.70	\$16,736.54	\$0.00
33	Breakout Structural Concrete	CY	36.00	\$308.42	\$11,103.12	36.00	\$11,103.12	\$0.00
34	Install Dowel in Concrete	EA	290.00	\$29.58	\$8,578.20	290.00	\$8,578.20	\$0.00
35	Controlled Density Fill	CY	8.10	\$697.46	\$5,649.43	8.10	\$5,649.43	\$0.00
36	Special Steel Railing	FT	237.00	\$311.50	\$73,825.50	237.00	\$73,825.50	\$0.00
37	Wyoming Bridge Rail	FT	241.00	\$250.34	\$60,331.94	241.00	\$60,331.94	\$0.00
38	Reinforcing Steel	LB	10,316.00	\$2.41	\$24,861.56	11,214.00	\$27,025.74	\$2,164.18
39	Epoxy Coated Reinforcing Steel	LB	38,013.00	\$2.12	\$80,587.56	38,013.00	\$80,587.56	\$0.00
40	No. 7 Rebar Splice	EA	110.00	\$99.95	\$10,994.50	110.00	\$10,994.50	\$0.00
41	Flexible Delineator	EA	6.00	\$118.19	\$709.14	6.00	\$709.14	\$0.00
42	Type 3 Object Marker Back to Back	EA	4.00	\$76.82	\$307.28	4.00	\$307.28	\$0.00
43	Reset Sign	EA	7.00	\$177.29	\$1,241.03	7.00	\$1,241.03	\$0.00
44	Marking Paint, 4" White	FT	240.00	\$0.59	\$141.60	261.00	\$153.99	\$12.39
45	Marking Paint, 4" Yellow	FT	485.00	\$0.59	\$286.15	1,478.00	\$872.02	\$585.87
46	Marking Paint, 8" White	FT	124.00	\$1.18	\$146.32	133.00	\$156.94	\$10.62
47	Marking Paint, 12" White	FT	77.00	\$4.73	\$364.21	83.00	\$392.59	\$28.38
48	Marking Paint, 24" White	FT	56.00	\$105.19	\$5,890.64	42.00	\$4,417.98	(\$1,472.66)
49	Marking Paint, Symbol	EA	1.00	\$118.19	\$118.19	2.00	\$236.38	\$118.19
50	Traffic Control Signs	SF	300.70	\$9.46	\$2,844.62	300.70	\$2,844.62	\$0.00
51	Traffic Control, Miscellaneous	LS	1.00	\$4,136.64	\$4,136.64	1.00	\$4,136.64	\$0.00
52	Type 3 Barricade	EA	10.00	\$147.74	\$1,477.40	10.00	\$1,477.40	\$0.00
53	Equivalent	FT	120.00	\$2.36	\$283.20	120.00	\$283.20	\$0.00
54	Longitudinal Pedestrian Barricade	FT	5.00	\$59.09	\$295.45	5.00	\$295.45	\$0.00
55	Gutter	FT	23.00	\$49.63	\$1,141.49	23.00	\$1,141.49	\$0.00
56	Type B67.5 Concrete Curb & Gutter	FT	190.00	\$39.21	\$7,449.90	190.00	\$7,449.90	\$0.00
57	Type 2 Electrical Junction Box	EA	2.00	\$1,341.45	\$2,682.90	2.00	\$2,682.90	\$0.00
58	4" Rigid Galvanized Steel Conduit	FT	122.00	\$260.02	\$31,722.44	122.00	\$31,722.44	\$0.00
59	4" Concrete Sidewalk	SF	1,206.00	\$10.20	\$12,301.20	1,206.00	\$12,301.20	\$0.00
60	Type 1 Detectable Warnings	SF	56.00	\$97.17	\$5,441.52	56.00	\$5,441.52	\$0.00
61	Assembly	EA	4.00	\$271.57	\$1,086.28	4.00	\$1,086.28	\$0.00
62	4" Underdrain Pipe	FT	125.00	\$26.45	\$3,306.25	125.00	\$3,306.25	\$0.00
63	Porous Backfill	TON	20.70	\$111.71	\$2,312.40	20.70	\$2,312.40	\$0.00
64	Class C Riprap	TON	374.80	\$79.12	\$29,654.18	371.84	\$29,419.98	(\$234.20)
65	Erosion Control	LS	1.00	\$2,068.32	\$2,068.32	1.00	\$2,068.32	\$0.00
66	Type 3 Erosion Control Blanket	SY	126.00	\$8.86	\$1,116.36	126.00	\$1,116.36	\$0.00
67	12" Diameter Erosion Control Wattle	FT	390.00	\$8.86	\$3,455.40	300.00	\$2,658.00	(\$797.40)
68	Floating Silt Curtain	FT	100.00	\$23.64	\$2,364.00	0.00	\$0.00	(\$2,364.00)
69	and Grate	EA	4.00	\$413.67	\$1,654.68	4.00	\$1,654.68	\$0.00
70	and Drainage Fabric	SY	410.00	\$5.15	\$2,111.50	410.00	\$2,111.50	\$0.00

71	Concrete Washout Facility	EA	2.00	\$1,176.46	\$2,352.92	0.00	\$0.00	(\$2,352.92)
72	Construction Entrance	EA	2.00	\$4,455.19	\$8,910.38	0.00	\$0.00	(\$8,910.38)
73	Liquidated Damages	EA	0.00	\$800.00	\$0.00	17.00	(\$13,600.00)	(\$13,600.00)
TOTAL					\$1,407,815.01		\$1,382,772.53	(\$25,042.48)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$1,407,815.01
CCO #1	(\$25,042.48)	NET INCREASE/(DECREASE):	(\$25,042.48)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$1,382,772.53
	\$0.00	CHANGE TO DATE:	(\$25,042.48)

	CONTRACTOR: HEAVY CONSTRUCTORS, INC.	DATE	10/4/22
	PROJECT MANAGER: JORDAN ADKINS, P.E.	DATE	11/7/2022
	CITY ENGINEER: ROGER HALL, P.E.	DATE	11/7/22
	MAYOR: STEVE ALLENDER	DATE	
	FINANCE: TRACY DAVIS	DATE	
	CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME:	Days

City Staff recommends approval of this Change Order #1F to Heavy Constructors, Inc for a decrease of \$25,042.48 based on unit pricing with the following appropriation:

Initial Funding		\$1,407,815.01		\$1,407,815.01
Fund Type		Streets		
Department		8910		
Line Item		4370		
Fund		0505		
CCO #1		(\$25,042.48)		(\$25,042.48)
				\$0.00
				\$0.00
Adjusted Funding		\$1,382,772.53	\$1,382,772.53	\$1,382,772.53

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E Main Street N Bridge Repair
19-2525 / CIP 51247
10/28/22
ORIGINAL CONTRACT AMOUNT: \$1,407,815.01
CONTRACTOR: HEAVY CONSTRUCTORS, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
13	Base Course	Additional base course was needed for the approach slabs and asphalt paving adjacent to the bridge.
38	Reinforcing Steel	Additional reinforcing steel was needed for the bridge deck, approach slabs, and pier repairs on the bridge.
44	High Build Waterborne Pavement Marking Paint, 4" White	Additional pavement markings were needed to properly restripe the roadway.
45	High Build Waterborne Pavement Marking Paint, 4" Yellow	Additional pavement markings were needed to properly restripe the roadway.
46	High Build Waterborne Pavement Marking Paint, 8" White	Additional pavement markings were needed to properly restripe the roadway.
47	High Build Waterborne Pavement Marking Paint, 12" White	Additional pavement markings were needed to properly restripe the roadway.
48	High Build Waterborne Pavement Marking Paint, 24" White	Less pavement markings were needed to properly restripe the roadway.
49	High Build Waterborne Pavement Marking Paint, Symbol	Additional pavement markings were needed to properly restripe the roadway.
64	Class C Riprap	Less rip rap was required than the original plan quantity to successfully complete the work.
67	12" Diameter Erosion Control Wattle	Less wattles were required than the original plan quantity to successfully complete the work.
71	Concrete Washout Facility	Concrete trucks washed out at the plant and a concrete washout facility was not installed on site.
72	Construction Entrance	Construction trucks utilized existing roadways thus construction entrances were not constructed on the site.
73	Liquidated Damages	The bridge was opened to traffic 17 days after the specified completion date resulting in 17 days of LDs applied.

PREPARED BY: HDR ENGINEERING

DATE: 10/28/2022