

BID AWARD SUMMARY

LETTING DATE: OCTOBER 12, 2021

PROJECT: E MAIN STREET N BRIDGE REPAIR
Project No. 19-2525 / CIP No. 51247

RECOMMENDATION: Award Total Bid in the amount of \$1,407,815.01 to Heavy Constructors, Inc. at the October 18, 2021 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
Heavy Constructors, Inc.	\$1,407,815.01
SFC Civil Constructors	\$1,799,791.00

City staff recommends awarding this project to Heavy Constructors, Inc. for the total bid amount of \$1,407,815.02 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	STREETS
ADVERTISING AUTHORITY	\$1,300,000.00	\$1,300,000.00
ENGINEER'S ESTIMATE	\$1,445,000.00	

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	STREETS
COST CENTER		8910
LINE ITEM		4370
FUNDING CENTER		505
BID AMOUNT	\$1,407,815.01	\$1,407,815.01*

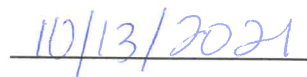
* A maximum of \$553,500 to be reimbursed by SDDOT BIG grant

PROJECT MANAGER:



Sara Odden, PE
City of Rapid City

DATE:



PROJECT NAME: E Main Street N Bridge Repair

PROJECT NUMBER: 19-2525 / CIP 51247

LET DATE: October 12, 2021

LOW BID AMOUNT: \$1,407,815.01

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		HEAVY CONSTRUCTORS, INC.		SFC CIVIL CONSTRUCTORS	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	009E0010	Mobilization	LS	1.0	\$132,941.40	\$132,941.40	\$160,868.23	\$160,868.23	\$378,000.00	\$378,000.00
2	009E3200	Construction Staking	LS	1.0	\$15,000.00	\$15,000.00	\$1,772.85	\$1,772.85	\$8,705.42	\$8,705.42
3	009E3310	Bridge Elevation Survey	LS	1.0	\$3,000.00	\$3,000.00	\$1,772.85	\$1,772.85	\$2,901.80	\$2,901.80
4	110E0040	Remove Concrete Bridge Slab	SY	565.0	\$250.00	\$141,250.00	\$58.48	\$33,041.20	\$257.53	\$145,504.45
5	110E0130	Remove Traffic Sign	EA	2.0	\$100.00	\$200.00	\$88.64	\$177.28	\$87.05	\$174.10
6	110E0300	Remove Concrete Curb and/or Gutter	FT	285.0	\$10.00	\$2,850.00	\$13.09	\$3,730.65	\$7.09	\$2,020.65
7	110E1010	Remove Asphalt Concrete Pavement	SY	313.0	\$10.00	\$3,130.00	\$4.43	\$1,386.59	\$20.15	\$6,306.95
8	110E1100	Remove Concrete Pavement	SY	200.0	\$10.00	\$2,000.00	\$15.88	\$3,176.00	\$38.23	\$7,646.00
9	110E1140	Remove Concrete Sidewalk	SY	145.0	\$10.00	\$1,450.00	\$3.30	\$478.50	\$7.55	\$1,094.75
10	110E7150	Remove Sign for Reset	EA	7.0	\$100.00	\$700.00	\$88.64	\$620.48	\$87.05	\$609.35
11	120E0010	Unclassified Excavation	CY	825.0	\$20.00	\$16,500.00	\$30.14	\$24,865.50	\$114.25	\$94,256.25
12	250E0020	Incidental Work, Grading	LS	1.0	\$3,500.00	\$3,500.00	\$4,534.30	\$4,534.30	\$5,309.15	\$5,309.15
13	260E1010	Base Course	TON	222.0	\$45.00	\$9,990.00	\$47.63	\$10,573.86	\$43.70	\$9,701.40

14	260E2010	Gravel Cushion	TON	210.0	\$45.00	\$9,450.00	\$55.79	\$11,715.90	\$43.70	\$9,177.00
15	320E1200	Asphalt Concrete Composite	TON	5.2	\$200.00	\$1,040.00	\$236.38	\$1,229.18	\$348.22	\$1,810.74
16	380E0040	7.5" Nonreinforced PCC Pavement	SY	324.0	\$100.00	\$32,400.00	\$112.37	\$36,407.88	\$101.39	\$32,850.36
17	380E4040	7.5" PCC Fillet Section	SY	31.0	\$150.00	\$4,650.00	\$200.12	\$6,203.72	\$248.22	\$7,694.82
18	380E6110	Insert Steel Bar in PCC Pavement	EA	36.0	\$20.00	\$720.00	\$36.64	\$1,319.04	\$47.69	\$1,716.84
19	410E0150	Remove and Reset Bridge Girder	LS	1.0	\$20,000.00	\$20,000.00	\$37,976.10	\$37,976.10	\$68,518.41	\$68,518.41
20	410E0300	Modify Girder End	EA	10.0	\$8,000.00	\$80,000.00	\$1,354.37	\$13,543.70	\$1,583.00	\$15,830.00
21	410E1110	Laminated Elastometric Bearing Pad	EA	20.0	\$1,400.00	\$28,000.00	\$674.33	\$13,486.60	\$1,675.69	\$33,513.80
22	410E2600	Membrane Sealant Expansion Joint	FT	129.0	\$120.00	\$15,480.00	\$73.80	\$9,520.20	\$95.74	\$12,350.46
23	412E0120	Bridge Repainting Class II	LS	1.0	\$75,000.00	\$75,000.00	\$170,192.90	\$170,192.90	\$205,000.00	\$205,000.00
24	430E0300	Granular Bridge End Backfill	CY	20.0	\$250.00	\$5,000.00	\$690.85	\$13,817.00	\$209.74	\$4,194.80
25	450E0123	18" RCP Class 3, Furnish	FT	8.0	\$50.00	\$400.00	\$31.55	\$252.40	\$30.90	\$247.20
26	450E0130	18" RCP, Install	FT	8.0	\$35.00	\$280.00	\$51.54	\$412.32	\$82.30	\$658.40
27	450E9000	Reset Pipe Section	EA	1.0	\$250.00	\$250.00	\$516.42	\$516.42	\$382.46	\$382.46
28	460E0030	Class A45 Concrete, Bridge Deck	CY	134.7	\$1,500.00	\$202,050.00	\$1,536.89	\$207,019.08	\$1,258.21	\$169,480.89
29	460E0050	Class A45 Concrete, Bridge	CY	34.4	\$1,700.00	\$58,480.00	\$2,543.28	\$87,488.83	\$1,275.82	\$43,888.21
30	460E0070	Class A45 Concrete, Bridge Repair	CY	26.8	\$2,200.00	\$58,960.00	\$2,448.19	\$65,611.49	\$1,175.00	\$31,490.00
31	460E0150	Concrete Approach Slab for Bridge	SY	180.3	\$300.00	\$54,090.00	\$288.75	\$52,061.63	\$325.00	\$58,597.50
32	460E0160	Concrete Approach Sleeper Slab for Bridge	SY	63.7	\$340.00	\$21,658.00	\$262.74	\$16,736.54	\$260.60	\$16,600.22

33	460E0300	Breakout Structural Concrete	CY	36.0	\$1,700.00	\$61,200.00	\$308.42	\$11,103.12	\$1,233.31	\$44,399.16
34	460E0380	Install Dowel in Concrete	EA	290.0	\$28.00	\$8,120.00	\$29.58	\$8,578.20	\$15.17	\$4,399.30
35	464E0100	Controlled Density Fill	CY	8.1	\$250.00	\$2,025.00	\$697.46	\$5,649.43	\$605.01	\$4,900.58
36	470E0030	Special Steel Railing	FT	237.0	\$350.00	\$82,950.00	\$311.50	\$73,825.50	\$235.10	\$55,718.70
37	470E0440	Wyoming Bridge Rail	FT	241.0	\$200.00	\$48,200.00	\$250.34	\$60,331.94	\$375.46	\$90,485.86
38	480E0100	Reinforcing Steel	LB	10,316.0	\$2.00	\$20,632.00	\$2.41	\$24,861.56	\$2.31	\$23,829.96
39	480E0200	Epoxy Coated Reinforcing Steel	LB	38,013.0	\$2.00	\$76,026.00	\$2.12	\$80,587.56	\$1.85	\$70,324.05
40	480E0507	No. 7 Rebar Splice	EA	110.0	\$35.00	\$3,850.00	\$99.95	\$10,994.50	\$52.80	\$5,808.00
41	SPECIAL	Flexible Delineator	EA	6.0	\$30.00	\$180.00	\$118.19	\$709.14	\$116.07	\$696.42
42	632E2530	Type 3 Object Marker Back to Back	EA	4.0	\$45.00	\$180.00	\$76.82	\$307.28	\$75.45	\$301.80
43	632E3500	Reset Sign	EA	7.0	\$75.00	\$525.00	\$177.29	\$1,241.03	\$174.11	\$1,218.77
44	633E1220	High Build Waterborne Pavement Marking Paint, 4" White	FT	240.0	\$3.00	\$720.00	\$0.59	\$141.60	\$0.58	\$139.20
45	633E1222	High Build Waterborne Pavement Marking Paint, 4" Yellow	FT	485.0	\$3.00	\$1,455.00	\$0.59	\$286.15	\$0.58	\$281.30
46	633E1240	High Build Waterborne Pavement Marking Paint, 8" White	FT	124.0	\$5.00	\$620.00	\$1.18	\$146.32	\$1.16	\$143.84
47	633E1250	High Build Waterborne Pavement Marking Paint, 12" White	FT	77.0	\$5.00	\$385.00	\$4.73	\$364.21	\$4.64	\$357.28
48	633E1260	High Build Waterborne Pavement Marking Paint, 24" White	FT	56.0	\$10.00	\$560.00	\$105.19	\$5,890.64	\$9.29	\$520.24
49	633E1288	High Build Waterborne Pavement Marking Paint, Symbol	EA	1.0	\$125.00	\$125.00	\$118.19	\$118.19	\$116.07	\$116.07
50	634E0110	Traffic Control Signs	SF	300.7	\$3.00	\$902.10	\$9.46	\$2,844.62	\$9.29	\$2,793.50
51	634E0120	Traffic Control, Miscellaneous	LS	1.0	\$50,000.00	\$50,000.00	\$4,136.64	\$4,136.64	\$4,062.53	\$4,062.53

52	634E0275	Type 3 Barricade	EA	10.0	\$150.00	\$1,500.00	\$147.74	\$1,477.40	\$145.09	\$1,450.90
53	634E0560	Remove Pavement Marking, 4" or Equivalent	FT	120.0	\$1.00	\$120.00	\$2.36	\$283.20	\$2.32	\$278.40
54	634E2000	Longitudinal Pedestrian Barricade	FT	5.0	\$50.00	\$250.00	\$59.09	\$295.45	\$58.04	\$290.20
55	SPECIAL	Modified Type B67.5 Concrete Curb & Gutter	FT	23.0	\$35.00	\$805.00	\$49.63	\$1,141.49	\$91.01	\$2,093.23
56	SPECIAL	Type B67.5 Concrete Curb & Gutter	FT	190.0	\$35.00	\$6,650.00	\$39.21	\$7,449.90	\$45.70	\$8,683.00
57	635E5302	Type 2 Electrical Junction Box	EA	2.0	\$725.00	\$1,450.00	\$1,341.45	\$2,682.90	\$1,317.42	\$2,634.84
58	635E8040	4" Rigid Galvanized Steel Conduit	FT	122.0	\$35.00	\$4,270.00	\$260.02	\$31,722.44	\$256.44	\$31,285.68
59	651E0040	4" Concrete Sidewalk	SF	1206.0	\$20.00	\$24,120.00	\$10.20	\$12,301.20	\$7.81	\$9,418.86
60	651E7000	Type 1 Detectable Warnings	SF	56.0	\$65.00	\$3,640.00	\$97.17	\$5,441.52	\$34.82	\$1,949.92
61	670E7000	Reset Drop Inlet Frame and Grate Assembly	EA	4.0	\$175.00	\$700.00	\$271.57	\$1,086.28	\$148.69	\$594.76
62	680E0040	4" Underdrain Pipe	FT	125.0	\$20.00	\$2,500.00	\$26.45	\$3,306.25	\$20.35	\$2,543.75
63	680E2500	Porous Backfill	TON	20.7	\$75.00	\$1,552.50	\$111.71	\$2,312.40	\$59.31	\$1,227.72
64	700E0310	Class C Riprap	TON	374.8	\$60.00	\$22,488.00	\$79.12	\$29,654.18	\$95.71	\$35,872.11
65	734E0010	Erosion Control	LS	1.0	\$5,000.00	\$5,000.00	\$2,068.32	\$2,068.32	\$853.13	\$853.13
66	734E0103	Type 3 Erosion Control Blanket	SY	126.0	\$5.00	\$630.00	\$8.86	\$1,116.36	\$3.48	\$438.48
67	734E0154	12" Diameter Erosion Control Wattle	FT	390.0	\$10.00	\$3,900.00	\$8.86	\$3,455.40	\$4.64	\$1,809.60
68	734E0630	Floating Silt Curtain	FT	100.0	\$15.00	\$1,500.00	\$23.64	\$2,364.00	\$35.98	\$3,598.00
69	734E0845	Sediment Control at Inlet with Frame and Grate	EA	4.0	\$150.00	\$600.00	\$413.67	\$1,654.68	\$110.27	\$441.08
70	831E0110	Type B Drainage Fabric	SY	410.0	\$5.00	\$2,050.00	\$5.15	\$2,111.50	\$3.80	\$1,558.00

71	900E1310	Concrete Washout Facility	EA	2.0	\$350.00	\$700.00	\$1,176.46	\$2,352.92	\$1,046.39	\$2,092.78
72	900E1320	Construction Entrance	EA	2.0	\$750.00	\$1,500.00	\$4,455.19	\$8,910.38	\$1,973.81	\$3,947.62
TOTAL						\$1,445,000.00		\$1,407,815.01		\$1,799,791.00

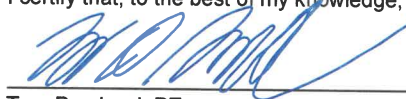
CITY OF RAPID CITY

I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.

 10/13/2021
 Sara Odden, PE Date
 Project Manager

CONSULTANT

I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.

 10/13/2021
 Troy Borchard, PE Date
 HDR Engineering