

BID AWARD SUMMARY

LETTING DATE: APRIL 13, 2021

PROJECT: Knollwood Drainage Basin Detention Element 303
Project No. 20-2601 / CIP No. 51303

RECOMMENDATION: Award Total Bid in the amount of \$251,169.46 to Heavy Constructors, Inc. at the April 19, 2021 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
Heavy Constructors, Inc.	\$251,169.46
Mainline Contracting, Inc.	\$291,104.90
Lind Exco, In.	\$338,152.37
R.C.S. Construction	\$367,734.18

City staff recommends awarding this project to Heavy Constructors, Inc. for the total bid amount of \$251,169.46 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Storm Water	CIP
ADVERTISING AUTHORITY	\$250,000.00	\$125,000.00	\$125,000.00
ENGINEER'S ESTIMATE	\$252,000.00		

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Storm Water	CIP
COST CENTER		7402	8911
LINE ITEM		4371	4371
FUNDING CENTER		609	505
BID AMOUNT	\$251,169.46	\$125,584.73	\$125,584.73

PROJECT MANAGER:



Brandon Quiett, PE
City of Rapid City

DATE:

4/14/2021

PROJECT NAME: KNOLLWOOD DRAINAGE BASIN DETENTION ELEMENT 303

PROJECT NO: 20-2601 / CIP NO. 51303

LET DATE: APRIL 13, 2021

LOW BID AMOUNT: \$251,169.46

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		HEAVY CONSTRUCTORS, INC.		MAINLINE CONTRACTING, INC.		LIND EXCO, INC.		R.C.S. CONSTRUCTION, INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1		MOBILIZATION	LS	1	\$25,000.00	\$25,000.00	\$18,619.98	\$18,619.98	\$21,250.00	\$21,250.00	\$23,477.44	\$23,477.44	\$48,542.30	\$48,542.30
2		INCIDENTAL	LS	1	\$15,000.00	\$15,903.00	\$10,355.11	\$10,355.11	\$24,490.00	\$24,490.00	\$14,479.08	\$14,479.08	\$21,078.81	\$21,078.81
3		CONSTRUCTION STAKING	LS	1	\$5,000.00	\$5,000.00	\$5,117.49	\$5,117.49	\$5,060.00	\$5,060.00	\$6,345.25	\$6,345.25	\$5,707.59	\$5,707.59
4		CLEARING & GRUBBING	LS	1	\$7,500.00	\$7,500.00	\$6,006.45	\$6,006.45	\$1,895.00	\$1,895.00	\$2,703.32	\$2,703.32	\$6,647.51	\$6,647.51
5		REMOVED CONCRETE CURB & GUTTER	LF	45	\$10.00	\$450.00	\$12.01	\$540.45	\$29.50	\$1,327.50	\$12.74	\$573.30	\$7.34	\$330.30
6		REMOVE STORM SEWER MAIN	LF	176	\$15.00	\$2,640.00	\$12.01	\$2,113.76	\$21.00	\$3,696.00	\$28.05	\$4,936.80	\$22.03	\$3,877.28
7		REMOVE CONCRETE OUTLET STRUCTURE	LS	1	\$4,500.00	\$4,500.00	\$600.64	\$600.64	\$361.00	\$361.00	\$1,381.64	\$1,381.64	\$1,120.81	\$1,120.81
8		REMOVE & REST 42" RCP FLARED END	EA	1	\$250.00	\$250.00	\$1,801.93	\$1,801.93	\$288.00	\$288.00	\$1,222.79	\$1,222.79	\$1,476.37	\$1,476.37
9		REMOVE, SALVAGE, RESET LIGHT POLE	EA	1	\$3,000.00	\$3,000.00	\$5,405.80	\$5,405.80	\$7,170.00	\$7,170.00	\$8,159.71	\$8,159.71	\$8,363.50	\$8,363.50
10		CONNECT TO EXISTING STORM SEWER	EA	2	\$500.00	\$1,000.00	\$1,801.93	\$3,603.86	\$2,140.00	\$4,280.00	\$2,054.09	\$4,108.18	\$1,820.33	\$3,640.66
11		EXCAVATION, UNCLASSIFIED	CY	2480	\$20.00	\$49,600.00	\$11.74	\$29,115.20	\$16.00	\$39,680.00	\$37.92	\$94,041.60	\$30.78	\$76,334.40
12		TOPSOIL, PLACE	CY	156	\$15.00	\$2,340.00	\$13.21	\$2,060.76	\$57.50	\$8,970.00	\$18.06	\$2,817.36	\$36.06	\$5,625.36
13		CONTRACTOR FURNISHED BORROW	CY	189	\$50.00	\$9,450.00	\$19.22	\$3,632.58	\$35.00	\$6,615.00	\$12.18	\$2,302.02	\$35.93	\$6,790.77
14		SEEDING, FERTILIZING, & MULCHING	SY	9483	\$2.00	\$18,966.00	\$0.74	\$7,017.42	\$0.80	\$7,586.40	\$0.87	\$8,250.21	\$1.40	\$13,276.20
15		PIPELINE ENCASEMENT	LF	39	\$100.00	\$3,900.00	\$60.06	\$2,342.34	\$80.50	\$3,139.50	\$50.11	\$1,954.29	\$101.88	\$3,973.32
16		TYPE I BEDDING MATERIAL	T	25	\$21.00	\$525.00	\$33.37	\$834.25	\$28.00	\$700.00	\$37.02	\$925.50	\$30.17	\$754.25
17		TYPE III FOUNDATION MATERIAL	T	25	\$25.00	\$625.00	\$40.41	\$1,010.25	\$32.00	\$800.00	\$41.77	\$1,044.25	\$37.92	\$948.00
18		TYPE IV FOUNDATION MATERIAL	T	25	\$30.00	\$750.00	\$43.61	\$1,090.25	\$36.00	\$900.00	\$46.28	\$1,157.00	\$41.43	\$1,035.75
19		8" PVC SEWER MAIN	LF	98	\$100.00	\$9,800.00	\$70.80	\$6,938.40	\$94.50	\$9,261.00	\$108.16	\$10,599.68	\$116.80	\$11,446.40
20		DROP MANHOLE, 48"	EA	1	\$6,500.00	\$6,500.00	\$7,168.48	\$7,168.48	\$8,910.00	\$8,910.00	\$6,591.76	\$6,591.76	\$6,023.80	\$6,023.80

21		CONNECT TO EXISTING SEWER MAIN	EA	1	\$1,000.00	\$1,000.00	\$1,882.98	\$1,882.98	\$3,060.00	\$3,060.00	\$1,280.53	\$1,280.53	\$1,472.50	\$1,472.50
22		CONNECT TO EXISTING MANHOLE	EA	1	\$750.00	\$750.00	\$3,063.29	\$3,063.29	\$1,600.00	\$1,600.00	\$1,185.38	\$1,185.38	\$1,472.50	\$1,472.50
23		48" RCP, CLASS II	LF	120	\$200.00	\$24,000.00	\$221.59	\$26,590.60	\$191.00	\$22,920.00	\$280.41	\$33,649.20	\$269.18	\$32,301.60
24		24" FLARED END, POLYPROPYLENE	EA	1	\$500.00	\$500.00	\$719.01	\$719.01	\$787.00	\$787.00	\$898.70	\$898.70	\$1,055.57	\$1,055.57
25		48" FLARED END	EA	1	\$1,500.00	\$1,500.00	\$2,761.88	\$2,761.88	\$2,620.00	\$2,620.00	\$2,803.09	\$2,803.09	\$3,133.32	\$3,133.32
26		48" TRANSITION CMP TO RCP	EA	1	\$500.00	\$500.00	\$1,690.27	\$1,690.27	\$1,520.00	\$1,520.00	\$1,333.73	\$1,333.73	\$1,684.70	\$1,684.70
27		24" POLYPROPYLENE PIPE	LF	142	\$70.00	\$9,940.00	\$116.45	\$16,535.90	\$104.00	\$14,768.00	\$98.01	\$13,917.42	\$146.42	\$20,791.64
28		24" POLYPROPYLENE BEND	EA	2	\$250.00	\$500.00	\$1,415.80	\$2,831.60	\$1,470.00	\$2,940.00	\$1,646.08	\$3,292.16	\$1,431.08	\$2,862.16
29		12" PVC	LF	26	\$50.00	\$1,300.00	\$96.08	\$2,498.08	\$73.50	\$1,911.00	\$78.04	\$2,029.04	\$119.55	\$3,108.30
30		12" PVC 45 DEG BEND	EA	1	\$200.00	\$200.00	\$675.59	\$675.59	\$686.00	\$686.00	\$777.24	\$777.24	\$578.49	\$578.49
31		12" PVC CLEANOUT	EA	1	\$1,000.00	\$1,000.00	\$2,870.64	\$2,870.64	\$3,475.00	\$3,475.00	\$2,719.23	\$2,719.23	\$2,572.94	\$2,572.94
32		48" FLAT TOP MANHOLE/ FRAME AND GRATE	EA	1	\$6,000.00	\$6,000.00	\$4,993.63	\$4,993.63	\$5,865.00	\$5,865.00	\$2,312.09	\$2,312.09	\$4,464.62	\$4,464.62
33		OUTLET STRUCTURE MODIFACTIONS	LS	1	\$3,000.00	\$3,000.00	\$10,792.38	\$10,792.38	\$4,645.00	\$4,645.00	\$5,448.82	\$5,448.82	\$3,924.63	\$3,924.63
34		CONE GRATE	EA	1	\$2,200.00	\$2,200.00	\$1,811.38	\$1,811.38	\$2,680.00	\$2,680.00	\$2,863.97	\$2,863.97	\$2,388.47	\$2,388.47
35		CLASS I RIPRAP	TON	46	\$50.00	\$2,300.00	\$108.87	\$5,008.02	\$81.00	\$3,726.00	\$77.24	\$3,553.04	\$109.83	\$5,052.18
36		BANK AND CHANNEL PROTECTION GABIONS	CY	26.5	\$150.00	\$3,975.00	\$290.25	\$7,691.63	\$362.00	\$9,593.00	\$450.12	\$11,928.18	\$330.83	\$8,767.00
37		EROSION CONTROL BLANKET, TYPE 2	SY	875	\$5.00	\$4,375.00	\$2.10	\$1,837.50	\$2.20	\$1,925.00	\$2.47	\$2,161.25	\$2.01	\$1,758.75
38		VEHICLE TRACKING CONTROL	EA	2	\$2,500.00	\$5,000.00	\$900.97	\$1,801.94	\$1,675.00	\$3,350.00	\$1,522.79	\$3,045.58	\$1,445.45	\$2,890.90
39		SILT FENCE	LF	25	\$5.00	\$125.00	\$4.81	\$120.25	\$5.10	\$127.50	\$5.64	\$141.00	\$7.37	\$184.25
40		12" SEDIMENT CONTROL WATTLE	LF	230	\$5.00	\$1,150.00	\$3.30	\$759.00	\$3.50	\$805.00	\$3.88	\$892.40	\$4.69	\$1,078.70
41		INLET PROTECTION DEVICE	EA	6	\$450.00	\$2,700.00	\$150.16	\$900.96	\$158.00	\$948.00	\$175.16	\$1,050.96	\$127.29	\$763.74
42		AGGREGATE BASE COURSE	TON	134	\$26.00	\$3,484.00	\$30.81	\$4,128.54	\$36.00	\$4,824.00	\$41.37	\$5,543.58	\$36.48	\$4,888.32
43		AC, CLASS E, TYPE I	TON	10	\$250.00	\$2,500.00	\$240.26	\$2,402.60	\$253.00	\$2,530.00	\$634.53	\$6,345.30	\$334.95	\$3,349.50
44		CONCRETE CURB & GUTTER, TYPE B66	LF	106	\$23.00	\$2,438.00	\$63.67	\$6,749.02	\$70.00	\$7,420.00	\$63.45	\$6,725.70	\$36.80	\$3,900.80
45		6" REINFORCED CONCRETE DRAIN PAN	SY	20	\$110.00	\$2,200.00	\$151.36	\$3,027.20	\$175.00	\$3,500.00	\$183.31	\$3,666.20	\$125.06	\$2,501.20
46		6" REINFORCED CONCRETE	SY	22	\$95.00	\$2,090.00	\$151.36	\$3,329.92	\$175.00	\$3,850.00	\$183.31	\$4,032.82	\$121.97	\$2,683.34
47		REINFORCED CONCRETE SPILLWAY	LS	1	\$5,500.00	\$5,500.00	\$11,292.12	\$11,292.12	\$13,320.00	\$13,320.00	\$7,050.28	\$7,050.28	\$6,670.71	\$6,670.71

48	TRAFFIC CONTROL, MISCELLANEOUS	LS	1	\$5,000.00	\$5,000.00	\$5,045.41	\$5,045.41	\$5,310.00	\$5,310.00	\$5,922.23	\$5,922.23	\$6,400.16	\$6,400.16
49	ELECTRICAL TRENCHING, WITH CONDUIT	LF	200	\$15.00	\$3,000.00	\$7.51	\$1,502.00	\$12.50	\$2,500.00	\$14.10	\$2,820.00	\$33.50	\$6,700.00
50	ELECTRICAL JUNCTION BOX	EA	1	\$200.00	\$200.00	\$480.52	\$480.52	\$1,520.00	\$1,520.00	\$1,692.07	\$1,692.07	\$1,339.81	\$1,339.81
TOTAL					\$266,126.00		\$251,169.46		\$291,104.90		\$338,152.37		\$367,734.18

CONSULTANT

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

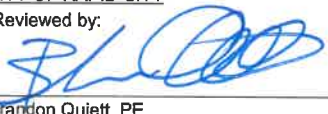

 Dave Muck, PE
 Ferber Engineering Company, Inc.

Date

4-14-21

CITY OF RAPID CITY

Reviewed by:


 Brandon Quiett, PE

Date

4/14/2021