

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
RAPID CITY SOLID WASTE - LAKE HERMAN OUTFALL IMPROVEMENTS
20-2589 / CIP NO.: 51289
February 15, 2021
ORIGINAL CONTRACT AMOUNT: \$265,484.25
CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	Mobilization	LS	1.00	\$12,500.00	\$12,500.00	1.00	\$12,500.00	\$0.00
2	Incidental Work	LS	1.00	\$7,250.00	\$7,250.00	0.88	\$6,343.75	(\$906.25)
3	Traffic Control	LS	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$0.00
4	allowance)	LS	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
5	coded allowance)	LS	1.00	\$3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
6	Removal	LS	1.00	\$1,750.00	\$1,750.00	1.00	\$1,750.00	\$0.00
7	Remove Chain Link Fence for Reset	LF	395.00	\$5.60	\$2,212.00	373.00	\$2,088.80	(\$123.20)
8	Reset Chain Link Fence	LF	395.00	\$15.25	\$6,023.75	331.00	\$5,047.75	(\$976.00)
9	6' Chain Link Fence with Top Rail	LF	51.00	\$22.25	\$1,134.75	74.00	\$1,646.50	\$511.75
10	Unclassified Excavation Topsoil	CY	250.00	\$7.00	\$1,750.00	393.00	\$2,751.00	\$1,001.00
11	Salvage Riprap	CY	305.00	\$13.50	\$4,117.50	305.00	\$4,117.50	\$0.00
12	Unclassified Excavation	CY	305.00	\$20.00	\$6,100.00	305.00	\$6,100.00	\$0.00
13	Embankment Fill Placement	CY	305.00	\$11.50	\$3,507.50	305.00	\$3,507.50	\$0.00
14	Select Borrow	CY	245.00	\$22.00	\$5,390.00	170.00	\$3,740.00	(\$1,650.00)
15	Type 3 Foundation Material	TN	200.00	\$33.00	\$6,600.00	0.00	\$0.00	(\$6,600.00)
16	SDDOT Class D Riprap	TN	1,250.00	\$50.00	\$62,500.00	615.00	\$30,750.00	(\$31,750.00)
17	Meter and Meter Manhole	LS	1.00	\$13,690.00	\$13,690.00	1.00	\$13,690.00	\$0.00
18	4" PVC - C900	LF	144.00	\$59.00	\$8,496.00	143.00	\$8,437.00	(\$59.00)
19	4" Valve - Ductile Iron (DI)	EA	5.00	\$1,750.00	\$8,750.00	5.00	\$8,750.00	\$0.00
20	4" Tee - DI	EA	4.00	\$1,180.00	\$4,720.00	4.00	\$4,720.00	\$0.00
21	4" Bends - DI	EA	2.00	\$1,000.00	\$2,000.00	2.00	\$2,000.00	\$0.00
22	8" PVC - SDR 35	LF	85.00	\$60.00	\$5,100.00	60.00	\$3,600.00	(\$1,500.00)
23	4"x8" Concentric Increaser- PVC	EA	1.00	\$560.00	\$560.00	1.00	\$560.00	\$0.00
24	4" Fernco Coupling	EA	2.00	\$240.00	\$480.00	2.00	\$480.00	\$0.00
25	Concrete Pad	EA	1.00	\$2,100.00	\$2,100.00	1.00	\$2,100.00	\$0.00
26	Sewer Service Connection	EA	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
27	Staff Gauge	EA	3.00	\$535.00	\$1,605.00	3.00	\$1,605.00	\$0.00

28	Marker Post and Sign	EA	7.00	\$430.00	\$3,010.00	7.00	\$3,010.00	\$0.00
29	Erosion and Water Pollution Control	LS	1.00	\$3,500.00	\$3,500.00	1.00	\$3,500.00	\$0.00
30	Turf Reinforcement Mat - Type 3	SY	2,700.00	\$7.40	\$19,980.00	2,430.00	\$17,982.00	(\$1,998.00)
31	Erosion Control Blanket - Type 2	SY	2,000.00	\$1.75	\$3,500.00	1,715.00	\$3,001.25	(\$498.75)
32	Hauling, Mixing, and Placing Compost	CY	150.00	\$9.30	\$1,395.00	150.00	\$1,395.00	\$0.00
33	Place Topsoil	CY	200.00	\$14.00	\$2,800.00	367.40	\$5,143.60	\$2,343.60
34	Permanent Seed	LB	60.00	\$12.35	\$741.00	58.00	\$716.30	(\$24.70)
35	Fertilizer	LB	200.00	\$2.50	\$500.00	200.00	\$500.00	\$0.00
36	Fiber Mulch	LB	1,800.00	\$1.90	\$3,420.00	0.00	\$0.00	(\$3,420.00)
37	Perimeter Protection	LF	725.00	\$4.95	\$3,588.75	737.00	\$3,648.15	\$59.40
38	Electrical Modifications	LS	1.00	\$22,000.00	\$22,000.00	1.00	\$22,000.00	\$0.00
39	Concrete Spillway	SF	528.00	\$23.50	\$12,408.00	693.00	\$16,285.50	\$3,877.50
40	Type B Drainage Fabric	SY	2,000.00	\$3.00	\$6,000.00	2,000.00	\$6,000.00	\$0.00
41	Lake Herman Water Management	LS	1.00	\$6,000.00	\$6,000.00	0.90	\$5,400.00	(\$600.00)
42	AASHTO T-180 Soil Test	EA	2.00	\$230.00	\$460.00	0.00	\$0.00	(\$460.00)
43	4" PVC Bends	EA	3.00	\$115.00	\$345.00	3.00	\$345.00	\$0.00
44	CO#1F - Temp. Construction Fencing	LF	0.00	\$4.76	\$0.00	395.00	\$1,880.20	\$1,880.20
45	CO#1F - Spillway Fencing	LS	0.00	\$2,346.92	\$0.00	1.00	\$2,346.92	\$2,346.92
46	CO#1F - HDPE Valve Removal	LS	0.00	\$3,780.65	\$0.00	1.00	\$3,780.65	\$3,780.65
TOTAL					\$265,484.25		\$230,719.37	(\$34,764.88)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$265,484.25
CCO #1F	(\$34,764.88)	NET INCREASE/(DECREASE):	(\$34,764.88)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$230,719.37
	\$0.00	CHANGE TO DATE:	(\$34,764.88)

CONTRACTOR:	MAINLINE CONTRACTING, INC.	DATE
PROJECT MANAGER:	STACEY TITUS, P.E.	DATE
ASSISTANT PUBLIC WORKS DIRECTOR:	DAN COON, P.E.	DATE
MAYOR:	STEVE ALLENDER	DATE
FINANCE:	PAULINE SUMPTION	DATE
CONTRACT TIME CHANGE +/-:	0	NEW CONTRACT TIME: <u>Final Completion (100%) January 10, 2021</u>

City Staff recommends approval of Change Order #1F to MAINLINE CONTRACTING, INC. for a decrease of \$34,764.88 based on unit pricing with the following appropriation:

Initial Funding	\$265,484.25	\$0.00	\$0.00	\$0.00		\$265,484.25
Fund Type	Solid Waste	Water	Streets	Drainage		
Department	7104	933 / 934	8910	8911		
Line Item	4373	4381	4370	4371		
Fund	0615	0602	0505	0505		
CCO #1F	(\$34,764.88)					(\$34,764.88)
						\$0.00
						\$0.00
Adjusted Funding	\$230,719.37	\$0.00	\$0.00	\$0.00	\$230,719.37	\$230,719.37

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RAPID CITY SOLID WASTE - LAKE HERMAN OUTFALL IMPROVEMENTS
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ORIGINAL CONTRACT AMOUNT: \$265,484.25
CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
2	Incidental Work	Initial estimate included \$1000 flood permit application fee; actual fee was \$100, resulting in a reduction of \$900 for this item.
7	Remove Chain Link Fence for Reset	Installed quantity adjustment.
8	Reset Chain Link Fence	Installed quantity adjustment.
9	6' Chain Link Fence with Top Rail	This quantity was allotted in case some of the fence that was removed was unable to be reset. This item was not needed.
10	Unclassified Excavation Topsoil	Installed quantity adjustment.
14	Select Borrow	Installed quantity adjustment.
15	Type 3 Foundation Material	This material was provided in anticipation of stabilizing the bottom of a trench or soft soil that heavy equipment would need to work on. This item was not needed.
16	SDDOT Class D Riprap	Installed quantity adjustment. Limits of channel were adjusted slightly and the estimated quantity was based on a unit density that was higher than the actual in-place density. The item was adjusted to the installed quantity.
18	4" PVC - C900	Installed quantity adjustment.
22	8" PVC - SDR 35	Installed quantity adjustment.
30	Turf Reinforcement Mat - Type 3	Installed quantity adjustment.
31	Erosion Control Blanket - Type 2	Installed quantity adjustment.
33	Place Topsoil	Installed quantity adjustment.
34	Permanent Seed	Installed quantity adjustment.
36	Fiber Mulch	This item was included in plans to account for temporary stabilization if required. None required. This item was not needed.
37	Perimeter Protection	Installed quantity adjustment.
39	Concrete Spillway	The width of spillway was increase during construction.
41	Lake Herman Water Management	The Solid Waste staff furnished a pump and disposal location that assisted the Contractor. The pond was lowered approximately 3 feet more, which minimized risk for the Contractor and the City.

Project Name
Project No. / CIP No.
CCO #

42	AASHTO T-189 Soil Test	Installed quantity adjustment.
44 CO#1	Temporary Construction Fencing	Temporary fencing as added along the work limits to provide a physical barrier to prevent entry into the Solid Waste Facility and meet landfill permit requirements.
45 CO#1	Spillway Fencing	The spillway fencing was adjusted to improve the spillway by allowing water to flow unobstructed over the spillway opposed to running through the fence.
46 CO#1	HDPE Valve Removal	Added to the contract an item to abandon an existing Landfill Gas valve near the project.

PREPARED BY: Stacey Titus, P.E.

DATE: 1/29/21

FUNDING TYPE		Solid Waste		Water		Streets		Drainage	
COST CENTER		7104		933 / 934		8910		8911	
LINE ITEM		4373		4381		4370		4371	
FUND		0615		0602		0505		0505	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT
1	Mobilization	0.00	100%	0.00	0%	0.00	0%	0.00	0%
2	Incidental Work	-906.25	100%	0.00	0%	0.00	0%	0.00	0%
3	Traffic Control	0.00	100%	0.00	0%	0.00	0%	0.00	0%
4	Project Closeout (hard coded allowan	0.00	100%	0.00	0%	0.00	0%	0.00	0%
5	Submittals and Shop Drawings (hard	0.00	100%	0.00	0%	0.00	0%	0.00	0%
6	Storm Sewer Abandonment and Rem	0.00	100%	0.00	0%	0.00	0%	0.00	0%
7	Remove Chain Link Fence for Reset	-123.20	100%	0.00	0%	0.00	0%	0.00	0%
8	Reset Chain Link Fence	-976.00	100%	0.00	0%	0.00	0%	0.00	0%
9	6' Chain Link Fence with Top Rail	511.75	100%	0.00	0%	0.00	0%	0.00	0%
10	Unclassified Excavation Topsoil	1,001.00	100%	0.00	0%	0.00	0%	0.00	0%
11	Unclassified Excavation Remove and	0.00	100%	0.00	0%	0.00	0%	0.00	0%
12	Unclassified Excavation	0.00	100%	0.00	0%	0.00	0%	0.00	0%
13	Embankment Fill Placement	0.00	100%	0.00	0%	0.00	0%	0.00	0%
14	Select Borrow	-1,650.00	100%	0.00	0%	0.00	0%	0.00	0%
15	Type 3 Foundation Material	-6,600.00	100%	0.00	0%	0.00	0%	0.00	0%
16	SDDOT Class D Riprap	-31,750.00	100%	0.00	0%	0.00	0%	0.00	0%
17	Meter and Meter Manhole	0.00	100%	0.00	0%	0.00	0%	0.00	0%
18	4" PVC - C900	-59.00	100%	0.00	0%	0.00	0%	0.00	0%
19	4" Valve - Ductile Iron (DI)	0.00	100%	0.00	0%	0.00	0%	0.00	0%
20	4" Tee - DI	0.00	100%	0.00	0%	0.00	0%	0.00	0%
21	4" Bends - DI	0.00	100%	0.00	0%	0.00	0%	0.00	0%
22	8" PVC - SDR 35	-1,500.00	100%	0.00	0%	0.00	0%	0.00	0%
23	4"x8" Concentric Increaser- PVC	0.00	100%	0.00	0%	0.00	0%	0.00	0%
24	4" Fernco Coupling	0.00	100%	0.00	0%	0.00	0%	0.00	0%
25	Sampling Port & 6" Reinforced Concr	0.00	100%	0.00	0%	0.00	0%	0.00	0%
26	Sewer Service Connection	0.00	100%	0.00	0%	0.00	0%	0.00	0%
27	Staff Gauge	0.00	100%	0.00	0%	0.00	0%	0.00	0%

28	Marker Post and Sign	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
29	Erosion and Water Pollution Control	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
30	Turf Reinforcement Mat - Type 3	-1,998.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
31	Erosion Control Blanket - Type 2	-498.75	100%	0.00	0%	0.00	0%	0.00	0%	100%
32	Hauling, Mixing, and Placing Compos	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
33	Place Topsoil	2,343.60	100%	0.00	0%	0.00	0%	0.00	0%	100%
34	Permanent Seed	-24.70	100%	0.00	0%	0.00	0%	0.00	0%	100%
35	Fertilizer	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
36	Fiber Mulch	-3,420.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
37	Perimeter Protection	59.40	100%	0.00	0%	0.00	0%	0.00	0%	100%
38	Electrical Modifications	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
39	Concrete Spillway	3,877.50	100%	0.00	0%	0.00	0%	0.00	0%	100%
40	Type B Drainage Fabric	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
41	Lake Herman Water Management	-600.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
42	AASHTO T-180 Soil Test	-460.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
43	4" PVC Bends	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
44	CO#1F - Temp. Construction Fencing	1,880.20	100%	0.00	0%	0.00	0%	0.00	0%	100%
45	CO#1F - Spillway Fencing	2,346.92	100%	0.00	0%	0.00	0%	0.00	0%	100%
46	CO#1F - HDPE Valve Removal	3,780.65	100%	0.00	0%	0.00	0%	0.00	0%	100%
		(\$34,764.88)		\$0.00		\$0.00		\$0.00		(\$34,764.88)

