

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**  
**JACKSON BLVD UTILITIES "BREAKOUT" PROJECT 20-INCH WATER TRANSMISSION MAIN**  
**PROJECT NO. 12-2081/ CIP NO. 50947**  
**OCTOBER 11, 2013**  
**ORIGINAL CONTRACT AMOUNT: \$996,743.25**  
**CONTRACTOR: HIGHMARK, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$35,000.00	\$35,000.00	1.00	\$35,000.00	\$0.00
2	INCIDENTAL	LS	1.00	\$21,219.00	\$21,219.00	1.00	\$21,219.00	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$8,100.00	\$8,100.00	1.00	\$8,100.00	\$0.00
4	CLEARING & GRUBBING	LS	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
5	REMOVE MANHOLE AND VAULT	EA	1.00	\$2,500.00	\$2,500.00	1.00	\$2,500.00	\$0.00
6	REMOVE WATER MAIN	LF	643.00	\$2.00	\$1,286.00	643.00	\$1,286.00	\$0.00
7	REMOVE & SALVAGE FIRE HYDRANT	EA	1.00	\$150.00	\$150.00	2.00	\$300.00	\$150.00
8	REMOVE VALVE BOX	EA	2.00	\$25.00	\$50.00	2.00	\$50.00	\$0.00
9	REMOVE AC PAVEMENT	SY	1,040.00	\$5.00	\$5,200.00	1,040.00	\$5,200.00	\$0.00
10	REMOVE PCC PAVEMENT	SY	226.00	\$15.00	\$3,390.00	89.70	\$1,345.50	(\$2,044.50)
11	REMOVE PCC APPROACH PAVEMENT	SY	12.00	\$15.00	\$180.00	23.30	\$349.50	\$169.50
12	REMOVE CONCRETE CURB & GUTTER	LF	118.00	\$2.50	\$295.00	147.00	\$367.50	\$72.50
13	REMOVE CONCRETE DRAIN PAIN	SF	128.00	\$2.50	\$320.00	232.00	\$580.00	\$260.00
14	REMOVE PCC SIDEWALK	SF	20,782.00	\$0.50	\$10,391.00	20,782.00	\$10,391.00	\$0.00
15	REMOVE CHAIN LINK FENCE	LF	1,011.00	\$3.50	\$3,538.50	1,031.00	\$3,608.50	\$70.00
16	AASHTO T-180 SOIL TEST	EA	3.00	\$360.00	\$1,080.00	3.00	\$1,080.00	\$0.00
17	TOPSOIL, STOCKPILE & REPLACE	CY	950.00	\$12.00	\$11,400.00	950.00	\$11,400.00	\$0.00
18	SODDING	SY	732.00	\$5.25	\$3,843.00	521.00	\$2,735.25	(\$1,107.75)
19	MULCHING	SY	12,500.00	\$1.50	\$18,750.00	10,950.00	\$16,425.00	(\$2,325.00)
20	WATER MAIN CONCRETE ENCASEMENT	EA	10.00	\$1,875.00	\$18,750.00	10.00	\$18,750.00	\$0.00
21	REINF. CONC. CAP FOR WATER MAIN CREEK X-ING	LF	140.00	\$230.00	\$32,200.00	140.00	\$32,200.00	\$0.00
22	IMPORTED BACKFILL MATERIAL (TRENCH)	CY	500.00	\$16.00	\$8,000.00	576.00	\$9,216.00	\$1,216.00
23	TYPE I BEDDING MATERIAL	T	250.00	\$15.00	\$3,750.00	0.00	\$0.00	(\$3,750.00)
24	TYPE III FOUNDATION MATERIAL	T	750.00	\$17.00	\$12,750.00	163.40	\$2,777.80	(\$9,972.20)
25	10" PVC SEWER MAIN ( 8'-10')	LF	14.00	\$30.00	\$420.00	14.00	\$420.00	\$0.00
26	CONNECT TO EXISTING SEWER MAIN	EA	2.00	\$500.00	\$1,000.00	2.00	\$1,000.00	\$0.00
27	6" PVC WATER MAIN C-900, DR 18	LF	29.00	\$40.00	\$1,160.00	29.00	\$1,160.00	\$0.00
28	8" PVC WATER MAIN C-900, DR 18	LF	10.00	\$40.00	\$400.00	20.00	\$800.00	\$400.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	10" PVC WATER MAIN C-900, DR 18	LF	5.00	\$60.00	\$300.00	2.00	\$120.00	(\$180.00)
30	12" PVC WATER MAIN C-900, DR 18	LF	5.00	\$60.00	\$300.00	13.00	\$780.00	\$480.00
31	16" PVC WATER MAIN C-905, DR 25	LF	5.00	\$60.00	\$300.00	5.00	\$300.00	\$0.00
32	20" PVC WATER MAIN C-905, DR 18	LF	3,666.00	\$96.00	\$351,936.00	3,666.00	\$351,936.00	\$0.00
33	CROSSING	EA	1.00	\$37,200.00	\$37,200.00	1.00	\$37,200.00	\$0.00
34	6" x 45 DEGREE BEND	EA	1.00	\$375.00	\$375.00	1.00	\$375.00	\$0.00
35	8" x 22.5 DEGREE BEND	EA	1.00	\$325.00	\$325.00	1.00	\$325.00	\$0.00
36	10" x 22.5 DEGREE BEND	EA	1.00	\$385.00	\$385.00	0.00	\$0.00	(\$385.00)
37	20" x 11.25 DEGREE BEND	EA	4.00	\$1,480.00	\$5,920.00	4.00	\$5,920.00	\$0.00
38	20" x 22.5 DEGREE BEND	EA	14.00	\$1,400.00	\$19,600.00	8.00	\$11,200.00	(\$8,400.00)
39	20" x 45 DEGREE BEND	EA	6.00	\$1,425.00	\$8,550.00	7.00	\$9,975.00	\$1,425.00
40	20" SOLID SLEEVE	EA	2.00	\$1,400.00	\$2,800.00	1.00	\$1,400.00	(\$1,400.00)
41	8" MJ PLUG	EA	2.00	\$180.00	\$360.00	2.00	\$360.00	\$0.00
42	12" MJ PLUG	EA	1.00	\$125.00	\$125.00	2.00	\$250.00	\$125.00
43	16" MJ PLUG	EA	1.00	\$475.00	\$475.00	1.00	\$475.00	\$0.00
44	12" BLIND FLANGE	EA	1.00	\$761.00	\$761.00	1.00	\$761.00	\$0.00
45	12" X 10" REDUCER	EA	1.00	\$460.00	\$460.00	1.00	\$460.00	\$0.00
46	8" X 8" X 6" TEE	EA	1.00	\$475.00	\$475.00	1.00	\$475.00	\$0.00
47	12" X 12" X 6" TEE	EA	1.00	\$610.00	\$610.00	1.00	\$610.00	\$0.00
48	20" X 20" X 6" TEE	EA	2.00	\$1,620.00	\$3,240.00	2.00	\$3,240.00	\$0.00
49	20" X 20" X 8" TEE	EA	2.00	\$1,650.00	\$3,300.00	2.00	\$3,300.00	\$0.00
50	20" X 20" X 12" TEE	EA	3.00	\$1,875.00	\$5,625.00	3.00	\$5,625.00	\$0.00
51	20" X 20" X 16" TEE	EA	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
52	8" GATE VALVE W/ BOX	EA	2.00	\$1,360.00	\$2,720.00	2.00	\$2,720.00	\$0.00
53	12" GATE VALVE W/BOX	EA	2.00	\$2,420.00	\$4,840.00	2.00	\$4,840.00	\$0.00
54	16" GATE VALVE W/BOX	EA	1.00	\$6,000.00	\$6,000.00	1.00	\$6,000.00	\$0.00
55	20" GATE VALVE W/ BOX	EA	8.00	\$11,638.00	\$93,104.00	8.00	\$93,104.00	\$0.00
56	FIRE HYDRANT W/AUX VALVE, BOX & LEAD	EA	4.00	\$4,200.00	\$16,800.00	4.00	\$16,800.00	\$0.00
57	BURIED AIR RELEASE VALVE AND BOX	EA	1.00	\$4,700.00	\$4,700.00	1.00	\$4,700.00	\$0.00
58	2" COPPER SERVICE	LF	12.00	\$65.00	\$780.00	12.00	\$780.00	\$0.00
59	2" TAPPING SADDLE & CORP STOP	EA	1.00	\$420.00	\$420.00	1.00	\$420.00	\$0.00
60	2" CURB STOP & BOX	EA	1.00	\$500.00	\$500.00	0.00	\$0.00	(\$500.00)
61	CONNECT TO EXISTING WATER MAIN	EA	4.00	\$1,000.00	\$4,000.00	3.00	\$3,000.00	(\$1,000.00)
62	CORROSION PROTECTION	LS	1.00	\$19,200.00	\$19,200.00	1.00	\$19,200.00	\$0.00
63	CORROSION PROTECTION TEST STATION	EA	2.00	\$200.00	\$400.00	2.00	\$400.00	\$0.00
64	EROSION AND WATER POLLUTION CONTROL	LS	1.00	\$8,000.00	\$8,000.00	1.00	\$8,000.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
65	WATER FOR DUST CONTROL	MGAL	40.00	\$8.00	\$320.00	3.00	\$24.00	(\$296.00)
66	EROSION CONTROL BLANKET, TYPE 3	SY	350.00	\$3.75	\$1,312.50	350.00	\$1,312.50	\$0.00
67	GRAVEL FILTER BAG	LF	75.00	\$5.25	\$393.75	0.00	\$0.00	(\$393.75)
68	SILT FENCE	LF	600.00	\$4.50	\$2,700.00	693.00	\$3,118.50	\$418.50
69	SILT FENCE, HIGH FLOW	LF	155.00	\$4.50	\$697.50	186.00	\$837.00	\$139.50
70	SILT FENCE, REMOVE	LF	755.00	\$1.75	\$1,321.25	879.00	\$1,538.25	\$217.00
71	ROCK CONSTRUCTION ENTRANCE	EA	3.00	\$750.00	\$2,250.00	1.00	\$750.00	(\$1,500.00)
72	SEDIMENT CONTROL WATTLES, 9"	LF	2,650.00	\$3.75	\$9,937.50	1,793.00	\$6,723.75	(\$3,213.75)
73	SEDIMENT CONTROL WATTLES, REMOVE AND RESET	LF	500.00	\$2.25	\$1,125.00	0.00	\$0.00	(\$1,125.00)
74	SEDIMENT CONTROL WATTLES, REMOVE	LF	2,650.00	\$0.75	\$1,987.50	1,793.00	\$1,344.75	(\$642.75)
75	EROSION CONTROL, INLET PROTECTION	EA	7.00	\$110.00	\$770.00	7.00	\$770.00	\$0.00
76	CONCRETE WASHOUT AREA	EA	2.00	\$100.00	\$200.00	0.00	\$0.00	(\$200.00)
77	STREET SWEEPING	HR	20.00	\$65.00	\$1,300.00	20.00	\$1,300.00	\$0.00
78	AGGREGATE BASE COURSE, 1"	T	450.00	\$15.00	\$6,750.00	389.50	\$5,842.50	(\$907.50)
79	TEMPORARY	T	75.00	\$15.00	\$1,125.00	0.00	\$0.00	(\$1,125.00)
80	AC MILLINGS SURFACING, TEMPORARY	T	100.00	\$20.00	\$2,000.00	45.00	\$900.00	(\$1,100.00)
81	AC, CLASS G, TYPE 1 PG64-22	T	295.00	\$96.75	\$28,541.25	308.40	\$29,837.70	\$1,296.45
82	AC, CLASS G, TYPE 2 PG64-22	T	295.00	\$101.00	\$29,795.00	354.00	\$35,754.00	\$5,959.00
83	PCC PAVEMENT, 6" NONREINFORCED	SY	226.00	\$73.50	\$16,611.00	89.70	\$6,592.95	(\$10,018.05)
84	PCC APPROACH PAVEMENT, 6" NONREINFORCED	SY	12.00	\$112.50	\$1,350.00	23.30	\$2,621.25	\$1,271.25
85	CONCRETE CURB & GUTTER	LF	118.00	\$28.25	\$3,333.50	147.00	\$4,152.75	\$819.25
86	CONCRETE DRAIN PAN, 6" REINFORCED	SF	128.00	\$9.75	\$1,248.00	232.00	\$2,262.00	\$1,014.00
87	DOWEL BAR ASSEMBLY	LF	50.00	\$16.50	\$825.00	0.00	\$0.00	(\$825.00)
88	DOWEL BAR	EA	67.00	\$21.50	\$1,440.50	63.00	\$1,354.50	(\$86.00)
89	CONCRETE SIDEWALK, 4" NONREINFORCED	SF	125.00	\$4.50	\$562.50	535.00	\$2,407.50	\$1,845.00
90	CONCRETE SIDEWALK, 5" NONREINFORCED	SF	8,400.00	\$4.50	\$37,800.00	1,214.00	\$5,463.00	(\$32,337.00)
91	6' CHAIN LINK FENCE	LF	1,011.00	\$14.50	\$14,659.50	1,031.00	\$14,949.50	\$290.00
92	10' CHAIN LINK FENCE GATE	EA	2.00	\$233.00	\$466.00	2.00	\$466.00	\$0.00
93	TEMPORARY FENCE	LF	1,500.00	\$2.50	\$3,750.00	1,210.00	\$3,025.00	(\$725.00)
94	TRAFFIC CONTROL	LS	1.00	\$7,600.00	\$7,600.00	1.00	\$7,600.00	\$0.00
95	PAVEMENT MARKING PAINT, 4" WHITE	LF	60.00	\$2.25	\$135.00	0.00	\$0.00	(\$135.00)
96	PAVEMENT MARKING PAINT, ARROW WHITE	EA	2.00	\$56.25	\$112.50	0.00	\$0.00	(\$112.50)

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
97	PAVEMENT MARKING PAINT, 4" YELLOW	LF	140.00	\$2.25	\$315.00	0.00	\$0.00	(\$315.00)
<b>TOTAL</b>							<b>\$928,259.45</b>	<b>(\$68,483.80)</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$996,743.25
CCO #1F	(\$68,483.80)	NET INCREASE/(DECREASE):	(\$68,483.80)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$928,259.45
	\$0.00	CHANGE TO DATE:	(\$68,483.80)

<i>Deann Schmecke</i> 10/22/13	<i>[Signature]</i> 10/22/13	DATE
CONTRACTOR: HIGHMARK INC.		10/22/13
<i>Klare Schroeder</i>		DATE
PROJECT MANAGER: KLARE SCHROEDER, P.E.		10-22-13
<i>Dale Tech</i>		DATE
CITY ENGINEER: DALE TECH, P.E. / L.S.		
MAYOR: SAM KOOIKER		DATE
FINANCE: PAULINE SUMPTION		DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days	

City Staff recommends approval of this Change Order #1F to Highmark Inc. for a decrease of \$68,483.80 based on unit pricing with the following appropriation:

Initial Funding	\$4,694.38	\$992,048.87				\$996,743.25
Fund Type	Sanitary Sewer	Water				
Department	0833	0933				
Line Item	4380	4381				
Fund	0604	0602				
CCO #1F	\$0.00	(\$68,483.80)				(\$68,483.80)
						\$0.00
						\$0.00
Adjusted Funding	\$4,694.38	\$923,565.07	\$0.00	\$0.00	\$928,259.45	\$928,259.45

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**  
**JACKSON BLVD UTILITIES "BREAKOUT" PROJECT 20-INCH WATER TRANSMISSION MAIN**  
**PROJECT NO. 12-2081/ CIP NO. 50947**  
**OCTOBER 11, 2013**  
**ORIGINAL CONTRACT AMOUNT: \$996,743.25**  
**CONTRACTOR: HIGHMARK, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
7	REMOVE & SALVAGE FIRE HYDRANT	An additional hydrant was removed in front of the Meadowbrook G.C. since it did not need to remain active.
10	REMOVE PCC PAVEMENT	A smaller removal and patch was used in the Jackson Boulevard crossing.
11	REMOVE PCC APPROACH PAVEMENT	Additional removal and replacement were necessary due to pipe alignment changes in front of Meadowbrook G.C.
12	REMOVE CONCRETE CURB & GUTTER	Additional removal and replacement was necessary due to an unknown building foundation at the east end of the Meadowbrook
13	REMOVE CONCRETE DRAIN PAIN	Additional removal and replacement was necessary due to an unknown building foundation at the east end of the Meadowbrook
15	REMOVE CHAIN LINK FENCE	Additional removal and replacement quantity was needed to tie into a suitable corner post.
18	SODDING	Disturbance area was minimized.
19	MULCHING	Disturbance area was minimized.
22	IMPORTED BACKFILL MATERIAL (TRENCH)	Additional quantity was required in the Meadowbrook G.C. parking lot due to unsuitable soils.
23	TYPE I BEDDING MATERIAL	This Item was not needed.
24	TYPE III FOUNDATION MATERIAL	Quantity was only used for soft trench bottoms, which were not as lengthy as planned.
28	8" PVC WATER MAIN C-900, DR 18	Actual pipe quantity needed to complete the project.
29	10" PVC WATER MAIN C-900, DR 18	Actual pipe quantity needed to complete the project.
30	12" PVC WATER MAIN C-900, DR 18	Actual pipe quantity needed to complete the project.
36	10" x 22.5 DEGREE BEND	This Item was not needed.
38	20" x 22.5 DEGREE BEND	Some fittings were eliminated due to an alignment change in front of Meadowbrook G.C.
39	20" x 45 DEGREE BEND	Some fittings were added due to an alignment change in front of Meadowbrook G.C.
40	20" SOLID SLEEVE	Some fittings were eliminated due to an alignment change in front of Meadowbrook G.C.
42	12" MJ PLUG	Some fittings were added due to an alignment change in front of Meadowbrook G.C.
60	2" CURB STOP & BOX	This Item was not needed.
61	CONNECT TO EXISTING WATER MAIN	One main was not connected. It will become part of the next phase of Jackson Utilities.
65	WATER FOR DUST CONTROL	Not all of this item was needed.
67	GRAVEL FILTER BAG	This Item was not needed.
68	SILT FENCE	Additional quantity was required to adequately control erosion on the site.
69	SILT FENCE, HIGH FLOW	Additional quantity was required to adequately control erosion on the site.
70	SILT FENCE, REMOVE	Additional quantity was required to adequately control erosion on the site.
71	ROCK CONSTRUCTION ENTRANCE	Not all of this item was needed.
72	SEDIMENT CONTROL WATTLES, 9"	Not all of this item was needed.

73	SEDIMENT CONTROL WATTLES, REMOVE AND RESET	This Item was not needed.
74	SEDIMENT CONTROL WATTLES, REMOVE	Not all of this item was needed.
76	CONCRETE WASHOUT AREA	This Item was not needed.
78	AGGREGATE BASE COURSE, 1"	Not all of this item was needed.
79	TEMPORARY	This Item was not needed.
80	AC MILLINGS SURFACING, TEMPORARY	Not all of this item was needed.
81	AC, CLASS G, TYPE 1 PG64-22	Additional replacement was necessary due to an unknown building foundation at the east end of the Meadowbrook G.C. Parking
82	AC, CLASS G, TYPE 2 PG64-22	Additional quantity was needed after deciding to place a temporary bike path. Concrete Bike Path Quantities were greatly reduced
83	PCC PAVEMENT, 6" NONREINFORCED	A smaller removal and patch was used in the Jackson Boulevard crossing.
84	PCC APPROACH PAVEMENT, 6" NONREINFORCED	Additional removal and replacement were necessary due to pipe alignment changes in front of Meadowbrook G.C.
85	CONCRETE CURB & GUTTER	Additional removal and replacement was necessary due to an unknown building foundation at the east end of the Meadowbrook
86	CONCRETE DRAIN PAN, 6" REINFORCED	Additional removal and replacement was necessary due to an unknown building foundation at the east end of the Meadowbrook
87	DOWEL BAR ASSEMBLY	This Item was not needed.
88	DOWEL BAR	Not all of this item was needed.
89	CONCRETE SIDEWALK, 4" NONREINFORCED	Additional 4" sidewalk was used in lieu of some 5" sidewalk.
90	CONCRETE SIDEWALK, 5" NONREINFORCED	Quantity was greatly reduced due to placement of temporary AC Bike Path.
91	6' CHAIN LINK FENCE	Additional removal and replacement quantity was needed to tie into a suitable corner post.
93	TEMPORARY FENCE	Not all of this item was needed.
95	PAVEMENT MARKING PAINT, 4" WHITE	This Item was not needed.
96	PAVEMENT MARKING PAINT, ARROW, WHITE	This Item was not needed.
97	PAVEMENT MARKING PAINT, 4" YELLOW	This Item was not needed.

PREPARED BY: Klare Schroeder, P.E.

DATE: October 11, 2013