



CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-2724

PUBLIC WORKS DEPARTMENT

300 Sixth Street

Dirk Jablonski, Public Works Director
City web: www.rcgov.org

Phone: 605-394-4165
Fax: 605-394-6636
e-mail: dirk.jablonski@rcgov.org

MEMORANDUM

TO: Public Works Committee

FROM: Dirk Jablonski, Public Works Director

DATE: January 25, 2006

RE: Project No. STCM05-1455 - N. 39th Street and Clover Street Reconstruction
Change Order

The change order request is for an additional \$10,417.80. As shown on the Change Order Form #1F other than the adjustments for quantities the major additional items included is an additional rock excavation. The contract price is \$197,850.00. The change order is 5.3% of the contract amount.

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
N. 39TH STREET AND CLOVER STREET RECONSTRUCTION
PROJECT NO. STCM05-1455
NOVEMBER 16, 2005
ORIGINAL CONTRACT AMOUNT: \$197,850.00
CONTRACTOR: Hills Materials Company

PW013106-04

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$5,270.40	\$5,270.40	1.00	\$5,270.40	\$0.00
2	REMOVE & DISPOSE ASPHALT PAVEMENT	SY	2,304.00	\$1.30	\$2,995.20	2,304.00	\$2,995.20	\$0.00
3	MILL & REMOVE ASPHALT PAVEMENT, 2" DEPTH	SY	1,666.00	\$1.80	\$2,998.80	1,666.00	\$2,998.80	\$0.00
4	REMOVE CONCRETE CURB & GUTTER	LF	573.00	\$4.00	\$2,292.00	687.00	\$2,748.00	\$456.00
5	REMOVE CONCRETE SIDEWALK	SF	100.00	\$2.40	\$240.00	275.00	\$660.00	\$420.00
6	REMOVE CONCRETE DRIVEWAY	SF	50.00	\$3.20	\$160.00	106.00	\$339.20	\$179.20
7	SAWING, ASPHALT PAVEMENT	LF	800.00	\$1.60	\$1,280.00	400.00	\$640.00	(\$640.00)
8	REMOVE TREE, 24" DIA.	EA	3.00	\$330.00	\$990.00	3.00	\$990.00	\$0.00
9	EXCAVATION, UNCLASSIFIED	CY	325.00	\$16.50	\$5,362.50	325.00	\$5,362.50	\$0.00
10	EXCAVATION, UNCLASSIFIED, DIGOUTS WITH SUGAR ROCK	TON	25.00	\$16.00	\$400.00	0.00	\$0.00	(\$400.00)
11	EXCAVATION, UNCLASSIFIED, DIGOUTS WITH AGGREGATE BASE COURSE	TON	25.00	\$13.50	\$337.50	0.00	\$0.00	(\$337.50)
12	GEOGRID	SY	200.00	\$5.00	\$1,000.00	0.00	\$0.00	(\$1,000.00)
13	AASHTO T-180 SOIL TEST	EA	2.00	\$165.00	\$330.00	3.00	\$495.00	\$165.00
14	REMOVE MANHOLE	EA	3.00	\$425.00	\$1,275.00	3.00	\$1,275.00	\$0.00
15	8" PVC SEWER MAIN, 0'-6'	LF	130.00	\$18.50	\$2,405.00	84.00	\$1,554.00	(\$851.00)
16	8" PVC SEWER MAIN, 6'-8'	LF	359.00	\$19.50	\$7,000.50	363.00	\$7,078.50	\$78.00
17	8" PVC SEWER MAIN, 8'-10'	LF	341.00	\$20.60	\$7,024.60	341.00	\$7,024.60	\$0.00
18	CONCRETE PIPE ENCASMENT	LF	95.00	\$20.00	\$1,900.00	60.00	\$1,200.00	(\$700.00)
19	STANDARD MANHOLE, 48" DIA.	EA	3.00	\$2,400.00	\$7,200.00	3.00	\$7,200.00	\$0.00
20	DROP MANHOLE, 48" DIA.	EA	1.00	\$2,750.00	\$2,750.00	1.00	\$2,750.00	\$0.00
21	CONNECT TO EXISTING SEWER MAIN	EA	1.00	\$1,070.00	\$1,070.00	1.00	\$1,070.00	\$0.00
22	MANHOLE EXTRA DEPTH, 48" DIA.	VF	5.80	\$265.00	\$1,537.00	6.80	\$1,802.00	\$265.00
23	4" PVC CLEANOUT	EA	1.00	\$235.00	\$235.00	0.00	\$0.00	(\$235.00)
24	ADJUST MANHOLE RING & COVER	EA	1.00	\$540.00	\$540.00	1.00	\$540.00	\$0.00
25	4" PVC SEWER SERVICE LINE	LF	462.00	\$18.00	\$8,316.00	382.00	\$6,876.00	(\$1,440.00)
26	RECONNECT SEWER SERVICE	EA	22.00	\$350.00	\$7,700.00	21.00	\$7,350.00	(\$350.00)
27	6" PVC WATER MAIN	LF	555.00	\$22.00	\$12,210.00	515.00	\$11,330.00	(\$880.00)
28	6"X6"X6" TEE	EA	2.00	\$280.00	\$560.00	0.00	\$0.00	(\$560.00)
29	6" 90 DEGREE BEND	EA	1.00	\$255.00	\$255.00	1.00	\$255.00	\$0.00
30	6" 45 DEGREE BEND	EA	4.00	\$240.00	\$960.00	4.00	\$960.00	\$0.00
31	6" GATE VALVE WITH BOX	EA	3.00	\$800.00	\$2,400.00	3.00	\$2,400.00	\$0.00

32	ADJUST VALVE BOX	EA	2.00	\$110.00	\$220.00	2.00	\$220.00	PW013106-04
33	FIRE HYDRANT WITH AUXILIARY VALVE AND BOX	EA	2.00	\$3,120.00	\$6,240.00	2.00	\$6,240.00	\$0.00
34	CONNECT TO EXISTING WATER MAIN	EA	2.00	\$900.00	\$1,800.00	2.00	\$1,800.00	\$0.00
35	1" COPPER SERVICE	LF	209.00	\$15.50	\$3,239.50	221.00	\$3,425.50	\$186.00
36	1" TAPPING SADDLE & CORP STOP	EA	9.00	\$265.00	\$2,385.00	9.00	\$2,385.00	\$0.00
37	1" CURB STOP WITH BOX	EA	9.00	\$210.00	\$1,890.00	9.00	\$1,890.00	\$0.00
38	WATER SERVICE RECONNECTION	EA	9.00	\$110.00	\$990.00	9.00	\$990.00	\$0.00
39	CONTROLLED LOW STRENGTH BACKFILL	CY	20.00	\$75.00	\$1,500.00	0.00	\$0.00	(\$1,500.00)
40	TYPE 1 BEDDING MATERIAL	TON	50.00	\$14.00	\$700.00	0.00	\$0.00	(\$700.00)
41	TYPE 2 FOUNDATION MATERIAL	TON	50.00	\$13.00	\$650.00	0.00	\$0.00	(\$650.00)
42	IMPORTED BORROW (TRENCH)	CY	50.00	\$6.50	\$325.00	0.00	\$0.00	(\$325.00)
43	TEMPORARY GRAVEL SURFACING	TON	100.00	\$12.50	\$1,250.00	124.50	\$1,556.25	\$306.25
44	CONCRETE CURB AND GUTTER	LF	573.00	\$24.00	\$13,752.00	687.00	\$16,488.00	\$2,736.00
45	CONCRETE SIDEWALK, 4"	SF	100.00	\$8.70	\$870.00	275.00	\$2,392.50	\$1,522.50
46	CONCRETE DRIVEWAY, 6"	SF	50.00	\$17.00	\$850.00	106.00	\$1,802.00	\$952.00
47	AGGREGATE BASE COURSE	TON	735.00	\$12.50	\$9,187.50	776.00	\$9,700.00	\$512.50
48	BITUMINOUS TACK COAT	GAL	335.00	\$2.40	\$804.00	353.30	\$847.92	\$43.92
49	ASPHALT CONCRETE, CLASS G, TYPE 1	TON	1,050.00	\$46.55	\$48,877.50	1,046.02	\$48,692.23	(\$185.27)
50	SODDING	SY	200.00	\$12.00	\$2,400.00	283.00	\$3,396.00	\$996.00
51	EROSION AND WATER POLLUTION CONTROL	LS	1.00	\$775.00	\$775.00	1.00	\$775.00	\$0.00
52	INCIDENTAL WORK	LS	1.00	\$4,000.00	\$4,000.00	1.00	\$4,000.00	\$0.00
53	TRAFFIC CONTROL PLAN	LS	1.00	\$550.00	\$550.00	1.00	\$550.00	\$0.00
54	TRAFFIC CONTROL	LS	1.00	\$5,600.00	\$5,600.00	1.00	\$5,600.00	\$0.00
	NEW BID ITEMS							
55	6"x6" CROSS	EA	0.00	\$630.00	\$0.00	1.00	\$630.00	\$630.00
56	ROCK EXCAVATION	LS	0.00	\$11,054.45	\$0.00	1.00	\$11,054.45	\$11,054.45
57	REPAIR WATER SERVICE LINE	LS	0.00	\$668.75	\$0.00	1.00	\$668.75	\$668.75
	TOTAL				\$197,850.00		\$208,267.80	\$10,417.80

C.C.O. HISTORY INCREASE/(DECREASE)	PRIOR ADJUSTED CONTRACT PRICE :	\$197,850.00
CCO #1F \$10,417.80	NET INCREASE/(DECREASE):	\$10,417.80
CCO #2	ADJUSTED CONTRACT PRICE:	\$208,267.80
CCO #3	CHANGE TO DATE:	\$10,417.80

CONTRACTOR: HILLS MATERIALS COMPANY, PO Box 2320, Rapid City, SD 57709-2320	DATE
PROJECT MANAGER: KEITH JOHNSON	DATE
MAYOR: JIM SHAW	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +10 DAYS NEW CONTRACT TIME: Days	

City Staff recommends approval of this Change Order #1F to Hills Materials Company for _____ based on unit pricing with the following appropriation:

Initial Funding	\$94,475.70	\$50,531.20	\$52,843.10	\$197,850.00
Fund Type	STCM	Water	Sanitary Sewer	
Fund		0602	0604	
Department	0301	0933	0833	
Line Item	4370	4381	4380	
CCO #1F	\$1,278.73	\$1,010.62	\$8,128.45	\$10,417.80
CCO #				\$0.00
CCO #				\$0.00
Adjusted Funding	\$95,754.43	\$51,541.82	\$60,971.55	\$208,267.80

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
N. 39TH STREET AND CLOVER STREET RECONSTRUCTION
PROJECT NO. STCM05-1455
NOVEMBER 16, 2005
ORIGINAL CONTRACT AMOUNT: \$197,850.00
CONTRACTOR: Hills Materials Company**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
4	REMOVE CONCRETE CURB & GUTTER	NORMAL CONSTRUCTION DEVIATION
5	REMOVE CONCRETE SIDEWALK	NORMAL CONSTRUCTION DEVIATION
6	REMOVE CONCRETE DRIVEWAY	NORMAL CONSTRUCTION DEVIATION
7	SAWING, ASPHALT PAVEMENT	DID NOT DOUBLE SAW CUT BECAUSE FIRST SAW CUT WAS IN GOOD CONDITION
10	EXCAVATION, UNCLASSIFIED, DIGOUTS WITH SUGAR ROCK	ITEM NOT NEEDED
11	EXCAVATION, UNCLASSIFIED, DIGOUTS WITH AGGREGATE BASE COURSE	ITEM NOT NEEDED
12	GEOGRID	ITEM NOT NEEDED
13	AASHTO T-180 SOIL TEST	NORMAL CONSTRUCTION DEVIATION
15	8" PVC SEWER MAIN, 0'-6'	SHORTENED LENGTH OF SEWER BECAUSE OF ACTUAL LOCATION OF SERVICES TO CONNECT TO MAIN
16	8" PVC SEWER MAIN, 6'-8'	NORMAL CONSTRUCTION DEVIATION
18	CONCRETE PIPE ENCASEMENT	WATER & SEWER SEPARATION AND ENCASEMENT NOT REQUIRED
22	MANHOLE EXTRA DEPTH, 48" DIA.	CHANGED AFTER SHORTENING SEWER MAIN LENGTH
23	4" PVC CLEANOUT	ITEM NOT NEEDED
25	4" PVC SEWER SERVICE LINE	SOME SERVICES WERE ALREADY PVC PIPE
26	RECONNECT SEWER SERVICE	NORMAL CONSTRUCTION DEVIATION
27	6" PVC WATER MAIN	NORMAL CONSTRUCTION DEVIATION
28	6"X6"X6" TEE	USED CROSS IN PLACE OF TEE
35	1" COPPER SERVICE	NORMAL CONSTRUCTION DEVIATION
39	CONTROLLED LOW STRENGTH BACKFILL	ITEM NOT NEEDED
40	TYPE 1 BEDDING MATERIAL	ITEM NOT NEEDED
41	TYPE 2 FOUNDATION MATERIAL	ITEM NOT NEEDED
42	IMPORTED BORROW (TRENCH)	ITEM NOT NEEDED
43	TEMPORARY GRAVEL SURFACING	NORMAL CONSTRUCTION DEVIATION
44	CONCRETE CURB AND GUTTER	NORMAL CONSTRUCTION DEVIATION
45	CONCRETE SIDEWALK, 4"	NORMAL CONSTRUCTION DEVIATION
46	CONCRETE DRIVEWAY, 6"	NORMAL CONSTRUCTION DEVIATION
47	AGGREGATE BASE COURSE	NORMAL CONSTRUCTION DEVIATION
48	BITUMINOUS TACK COAT	NO TICKETS RECEIVED FOR PAYMENT
49	ASPHALT CONCRETE, CLASS G, TYPE 1	NORMAL CONSTRUCTION DEVIATION
50	SODDING	NORMAL CONSTRUCTION DEVIATION
55	6"x6" CROSS	INSTALLED CROSS IN PLACE OF TEE TO IMPROVE ALIGNMENT
56	ROCK EXCAVATION	UNEXPECTED ROCK ENCOUNTERED WHEN TRENCHING
57	REPAIR WATER SERVICE LINE	WATER SERVICE LINE WAS NOT LOCATED AND WAS IN NON-TYPICAL LOCATION
	TIME EXTENSION	TIME EXTENSION IS APPROPRIATE BECAUSE MDU WAS ALLOWED TO REPLACE THEIR MAIN AND CAUSED DELAY

PREPARED BY: Keith Johnson

DATE: November 16, 2005