

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
EAST PHILADELPHIA STREET 16" WATER TRANSMISSION MAIN EXTENSION
PROJECT NO. W09-1793 / CIP NO. 50760
OCTOBER 30, 2009
ORIGINAL CONTRACT AMOUNT: \$131,891.00
CONTRACTOR: HEAVY CONSTUCTORS, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	CONTRACTOR MOBILIZATION	LS	1.00	\$12,879.00	\$12,879.00	1.00	\$12,879.00	\$0.00
2	INCIDENTAL CONSTRUCTION	LS	1.00	\$8,036.00	\$8,036.00	1.00	\$8,036.00	\$0.00
3	6" PVC WATER SERVICE LINE	LF	22.00	\$31.00	\$682.00	22.00	\$682.00	\$0.00
4	16" C905-DR25 PVC WATER MAIN	LF	684.00	\$33.00	\$22,572.00	684.00	\$22,572.00	\$0.00
5	16" X 16" X 6" TEE	EA	3.00	\$1,308.00	\$3,924.00	3.00	\$3,924.00	\$0.00
6	16" X 16" X 16" TAPPING TEE AND VALVE	EA	1.00	\$13,900.00	\$13,900.00	1.00	\$13,900.00	\$0.00
7	16" MJ PLUG	EA	1.00	\$423.00	\$423.00	1.00	\$423.00	\$0.00
8	RISER	EA	2.00	\$6,196.00	\$12,392.00	2.00	\$12,392.00	\$0.00
9	FIRE HYDRANT W/AUX VALVE, BOX, RISER & LEAD	EA	2.00	\$3,296.00	\$6,592.00	2.00	\$6,592.00	\$0.00
10	CATHODIC PROTECTION	LS	1.00	\$6,441.00	\$6,441.00	1.00	\$6,441.00	\$0.00
11	16" 11.25 DEGREE BEND	EA	2.00	\$1,094.00	\$2,188.00	4.00	\$4,376.00	\$2,188.00
12	6" MJ PLUG	EA	1.00	\$214.00	\$214.00	0.00	\$0.00	(\$214.00)
13	16" WATERMAIN LOWERING (CONTINGENCY)	EA	1.00	\$2,473.00	\$2,473.00	1.00	\$2,473.00	\$0.00
14	RESET 24" RCP STORM PIPE (CONTINGENCY)	LS	1.00	\$1,236.00	\$1,236.00	1.00	\$1,236.00	\$0.00
15	PIPE ENCASEMENT	LF	15.00	\$70.00	\$1,050.00	15.00	\$1,050.00	\$0.00
16	CONTROLLED LOW STRENGTH BACKFILL MATERIAL	CY	10.00	\$93.00	\$930.00	11.00	\$1,023.00	\$93.00
17	TYPE II BEDDING MATERIAL	T	20.00	\$21.00	\$420.00	0.00	\$0.00	(\$420.00)
18	TYPE III FOUNDATION MATERIAL	T	20.00	\$21.00	\$420.00	60.13	\$1,262.73	\$842.73
19	BORROW, IMPORTED (TRENCH)	CY	20.00	\$10.00	\$200.00	0.00	\$0.00	(\$200.00)
20	SAWING, ASPHALT PAVEMENT	LF	684.00	\$1.00	\$684.00	684.00	\$684.00	\$0.00
21	REMOVE AND DISPOSE ASPHALT CONCRETE PAVEMENT	1.00	457.00	\$3.00	\$1,371.00	914.00	\$2,742.00	\$1,371.00
22	AGGREGATE BASE COURSE	T	155.00	\$15.00	\$2,325.00	254.00	\$3,810.00	\$1,485.00
23	GRAVEL CUSHION	T	35.00	\$15.00	\$525.00	43.00	\$645.00	\$120.00
24	GRAVEL SURFACING	T	95.00	\$15.00	\$1,425.00	168.30	\$2,524.50	\$1,099.50

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
25	ASPHALT CONCRETE, CLASS G, TYPE 1 PG64-28	TON	129.00	\$97.00	\$12,513.00	220.86	\$21,423.42	\$8,910.42
26	NONREINFORCED PANEL REPLACEMENT	SY	154.00	\$57.00	\$8,778.00	76.00	\$4,332.00	(\$4,446.00)
27	PLAN	LS	1.00	\$515.00	\$515.00	1.00	\$515.00	\$0.00
28	EROSION AND SEDIMENT CONTROLS	LS	1.00	\$1,030.00	\$1,030.00	1.00	\$1,030.00	\$0.00
29	TEMPORARY GRAVEL SURFACING	T	40.00	\$15.00	\$600.00	40.00	\$600.00	\$0.00
30	CORNERS	EA	2.00	\$155.00	\$310.00	0.00	\$0.00	(\$310.00)
31	TRAFFIC CONTROL, Cambell / Philadelphia intersection	LS	1.00	\$2,267.00	\$2,267.00	1.00	\$2,267.00	\$0.00
32	TRAFFIC CONTROL, Philadelphia Street	LS	1.00	\$2,061.00	\$2,061.00	1.00	\$2,061.00	\$0.00
33	TRAFFIC CONTROL PLANS PREPARATION	LS	1.00	\$515.00	\$515.00	1.00	\$515.00	\$0.00
34	GEOGRID	SY	0.00	\$4.47	\$0.00	392.00	\$1,752.24	\$1,752.24
35	CATHODIC PROTECTION	EA	0.00	\$300.00	\$0.00	2.00	\$600.00	\$600.00
TOTAL					\$131,891.00		\$144,762.89	\$12,871.89

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$131,891.00
CCO #1F	\$12,871.89	NET INCREASE/(DECREASE):	\$12,871.89
		ADJUSTED CONTRACT PRICE:	\$144,762.89
		CHANGE TO DATE:	\$12,871.89

<i>Tyler V-Pres.</i>	<i>11/20/07</i>
CONTRACTOR: Heavy Constructors, Inc., PO Box 3239, RC, SD 57709 342-3152	DATE
<i>Klare Schroeder</i>	<i>11/19/09</i>
PROJECT MANAGER: KLARE SCHROEDER, P.E.	DATE
<i>Dale Tech</i>	<i>11-19-09</i>
CITY ENGINEER: DALE TECH, P.E. / L.S.	DATE
MAYOR: ALAN HANKS	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #1F to Heavy Constructors, Inc., for an increase of \$12,275.89 based on unit pricing with the following appropriation:

Initial Funding		\$131,891.00		\$131,891.00
Fund Type		Water		
Department		0934		
Line Item		4381		
Fund		0602		
CCO #1F		\$12,871.89		\$12,871.89
Adjusted Funding		\$144,762.89		\$144,762.89

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PROJECT NO. W09-1793 / CIP NO. 50760
OCTOBER 30, 2009
ORIGINAL CONTRACT AMOUNT: \$131,891.00
CONTRACTOR: HEAVY CONSTRUCTORS, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
11	16" 11.25 DEGREE BEND	Necessary to re-align pipe location due to underground conflict.
12	6" MJ PLUG	None used.
16	CONTROLLED LOW STRENGTH BACKFILL	Quantity necessary to complete project in accordance with plans and specifications.
17	TYPE II BEDDING MATERIAL	None used.
18	TYPE III FOUNDATION MATERIAL	Extra quantity used to stabilize road subgrades.
19	BORROW, IMPORTED (TRENCH)	None used.
21	REMOVE AND DISPOSE ASPHALT CURB	Necessary to re-align pipe location due to underground conflict.
22	AGGREGATE BASE COURSE	Due to re-aligning pipe location, removal and replacement of asphalt was necessary.
23	GRAVEL CUSHION	Quantity necessary to complete project in accordance with plans and specifications.
24	GRAVEL SURFACING	Quantity necessary to complete project in accordance with plans and specifications.
25	ASPHALT CONCRETE, CLASS G, TYPE 1	Due to re-aligning pipe location, removal and replacement of asphalt was necessary.
26	PCC PAVEMENT, 10" NONREINFORCED	Quantity necessary to complete project in accordance with plans and specifications.
30	REESTABLISH PROPERTY CORNER	None disturbed.
34	GEOGRID	Used to stabilize road bed.
35	CATHODIC PROTECTION	Additional needed to cover bends in re-alignment.

PREPARED BY: Klare Schroeder, P.E.

DATE: October 30, 2009

		FUNDING TYPE		Water	
		COST CENTER		0934	
		LINE ITEM		4381	
		FUND		0602	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT		
1	CONTRACTOR MOBILIZATION	0.00	100%	100%	
2	INCIDENTAL CONSTRUCTION	0.00	100%	100%	
3	6" PVC WATER SERVICE LINE	0.00	100%	100%	
4	16" C905-DR25 PVC WATER MAIN	0.00	100%	100%	
5	16" X 16" X 6" TEE	0.00	100%	100%	
6	16" X 16" X 16" TAPPING TEE AND	0.00	100%	100%	
7	16" MJ PLUG	0.00	100%	100%	
8	16" GATE VALVE W/BOX AND RISE	0.00	100%	100%	
9	FIRE HYDRANT W/AUX VALVE, BO	0.00	100%	100%	
10	CATHODIC PROTECTION	0.00	100%	100%	
11	16" 11.25 DEGREE BEND	2,188.00	100%	100%	
12	6" MJ PLUG	-214.00	100%	100%	
13	16" WATERMAIN LOWERING (CON	0.00	100%	100%	
14	RESET 24" RCP STORM PIPE (CO	0.00	100%	100%	
15	PIPE ENCASEMENT	0.00	100%	100%	
16	CONTROLLED LOW STRENGTH B	93.00	100%	100%	
17	TYPE II BEDDING MATERIAL	-420.00	100%	100%	
18	TYPE III FOUNDATION MATERIAL	842.73	100%	100%	
19	BORROW, IMPORTED (TRENCH)	-200.00	100%	100%	
20	SAWING, ASPHALT PAVEMENT	0.00	100%	100%	
21	REMOVE AND DISPOSE ASPHALT	1,371.00	100%	100%	
22	AGGREGATE BASE COURSE	1,485.00	100%	100%	
23	GRAVEL CUSHION	120.00	100%	100%	
24	GRAVEL SURFACING	1,099.50	100%	100%	

25	ASPHALT CONCRETE, CLASS G, T	8,910.42	100%	100%
26	PCC PAVEMENT, 10" NONREINFO	-4,446.00	100%	100%
27	WATER POLLUTION CONTROL PL	0.00	100%	100%
28	EROSION AND SEDIMENT CONTR	0.00	100%	100%
29	TEMPORARY GRAVEL SURFACING	0.00	100%	100%
30	REESTABLISH PROPERTY CORNE	-310.00	100%	100%
31	TRAFFIC CONTROL, Cambell / Phila	0.00	100%	100%
32	TRAFFIC CONTROL, Philadelphia S	0.00	100%	100%
33	TRAFFIC CONTROL PLANS PREPA	0.00	100%	100%
34	GEOGRID	1,752.24	100%	100%
35	CATHODIC PROTECTION	600.00	100%	100%
		\$12,871.89		