

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1**  
**EAST NORTH STREET - CAMBELL STREET TO PINE STREET**  
**PROJECT NO. ST08-1511 / CIP NO. 50142**  
**DECEMBER 23, 2011**  
**ORIGINAL CONTRACT AMOUNT: \$1,134,792.39**  
**CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$22,248.00	\$22,248.00	1.00	\$22,248.00	\$0.00
2	CONSTRUCTION STAKING	LS	1.00	\$8,343.00	\$8,343.00	1.00	\$8,343.00	\$0.00
3	REMOVE CURB STOP	EACH	13.00	\$222.48	\$2,892.24	13.00	\$2,892.24	\$0.00
4	REMOVE MANHOLE	EACH	9.00	\$556.20	\$5,005.80	9.00	\$5,005.80	\$0.00
5	REMOVE GATE VALVE	EACH	7.00	\$278.10	\$1,946.70	7.00	\$1,946.70	\$0.00
6	VALVE AND BOX	EACH	6.00	\$389.34	\$2,336.04	6.00	\$2,336.04	\$0.00
7	INCIDENTAL WORK	LS	1.00	\$22,248.00	\$22,248.00	1.00	\$22,248.00	\$0.00
8	18" RC ENCASEMENT PIPE	FT	78.00	\$77.32	\$6,030.96	78.00	\$6,030.96	\$0.00
9	24" RC ENCASEMENT PIPE	FT	48.00	\$93.78	\$4,501.44	48.00	\$4,501.44	\$0.00
10	30" RC ENCASEMENT PIPE	FT	48.00	\$112.62	\$5,405.76	48.00	\$5,405.76	\$0.00
11	PIPE ENCASEMENT	EACH	25.00	\$1,933.44	\$48,336.00	25.00	\$48,336.00	\$0.00
12	8"PVC PIPE	FT	2,471.00	\$41.09	\$101,533.39	2,471.00	\$101,533.39	\$0.00
13	10" PVC PIPE	FT	757.00	\$45.25	\$34,254.25	757.00	\$34,254.25	\$0.00
14	4" PVC WATER MAIN	FT	38.00	\$32.97	\$1,252.86	38.00	\$1,252.86	\$0.00
15	6" PVC WATER MAIN	FT	392.00	\$42.94	\$16,832.48	392.00	\$16,832.48	\$0.00
16	8" PVC WATER MAIN	FT	252.00	\$47.99	\$12,093.48	252.00	\$12,093.48	\$0.00
17	12" PVC WATER MAIN	FT	2,304.00	\$63.04	\$145,244.16	2,304.00	\$145,244.16	\$0.00
18	16" PVC WATER MAIN	FT	2,119.00	\$78.17	\$165,642.23	2,119.00	\$165,642.23	\$0.00
19	20" PVC WATER MAIN	FT	406.00	\$137.77	\$55,934.62	406.00	\$55,934.62	\$0.00
20	1" COPPER PIPE	FT	234.00	\$30.07	\$7,036.38	234.00	\$7,036.38	\$0.00
21	1.5" COPPER PIPE	1.00	67.00	\$53.44	\$3,580.48	67.00	\$3,580.48	\$0.00
22	2" COPPER PIPE	FT	41.00	\$70.24	\$2,879.84	41.00	\$2,879.84	\$0.00
23	4" SEWER SERVICE	FT	304.00	\$30.93	\$9,402.72	304.00	\$9,402.72	\$0.00
24	6" SEWER SERVICE	FT	102.00	\$32.87	\$3,352.74	102.00	\$3,352.74	\$0.00
25	CLEANOUT	EACH	3.00	\$233.96	\$701.88	3.00	\$701.88	\$0.00
26	CLEANOUT	EACH	2.00	\$222.72	\$445.44	2.00	\$445.44	\$0.00
27	6"x6" PIPE TEE	EACH	1.00	\$659.16	\$659.16	1.00	\$659.16	\$0.00
28	8"x4" PIPE TEE	EACH	1.00	\$723.89	\$723.89	1.00	\$723.89	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	8"x6" PIPE TEE	EACH	2.00	\$751.55	\$1,503.10	2.00	\$1,503.10	\$0.00
30	12"x4" PIPE TEE	EACH	2.00	\$947.26	\$1,894.52	2.00	\$1,894.52	\$0.00
31	12"x6" PIPE TEE	EACH	5.00	\$965.74	\$4,828.70	5.00	\$4,828.70	\$0.00
32	16"x6" PIPE TEE	EACH	3.00	\$1,355.50	\$4,066.50	3.00	\$4,066.50	\$0.00
33	16"x8" PIPE TEE	EACH	1.00	\$1,588.04	\$1,588.04	1.00	\$1,588.04	\$0.00
34	16"x16" PIPE TEE	EACH	1.00	\$2,001.09	\$2,001.09	1.00	\$2,001.09	\$0.00
35	20"x6" PIPE TEE	EACH	1.00	\$2,115.30	\$2,115.30	1.00	\$2,115.30	\$0.00
36	20"x12" PIPE TEE	EACH	1.00	\$2,589.92	\$2,589.92	1.00	\$2,589.92	\$0.00
37	12"x12" PIPE CROSS	EACH	1.00	\$1,514.94	\$1,514.94	1.00	\$1,514.94	\$0.00
38	16"x12" PIPE CROSS	EACH	1.00	\$2,274.78	\$2,274.78	1.00	\$2,274.78	\$0.00
39	20"x16" PIPE CROSS	EACH	1.00	\$3,754.93	\$3,754.93	1.00	\$3,754.93	\$0.00
40	12"x6" PIPE REDUCER	EACH	1.00	\$510.37	\$510.37	1.00	\$510.37	\$0.00
41	12"x8" PIPE REDUCER	EACH	2.00	\$526.18	\$1,052.36	2.00	\$1,052.36	\$0.00
42	16"x6" PIPE REDUCER	EACH	1.00	\$793.92	\$793.92	1.00	\$793.92	\$0.00
43	16"x8" PIPE REDUCER	EACH	2.00	\$797.65	\$1,595.30	2.00	\$1,595.30	\$0.00
44	20"x16" PIPE REDUCER	EACH	2.00	\$1,529.42	\$3,058.84	2.00	\$3,058.84	\$0.00
45	TAPPING SADDLE	EACH	10.00	\$311.55	\$3,115.50	10.00	\$3,115.50	\$0.00
46	TAPPING SADDLE	EACH	4.00	\$466.84	\$1,867.36	4.00	\$1,867.36	\$0.00
47	TAPPING SADDLE	EACH	1.00	\$481.17	\$481.17	1.00	\$481.17	\$0.00
48	1" CURB STOP WITH BOX	EACH	11.00	\$242.74	\$2,670.14	11.00	\$2,670.14	\$0.00
49	1.5" CURB STOP WITH BOX	EACH	4.00	\$451.50	\$1,806.00	4.00	\$1,806.00	\$0.00
50	2" CURB STOP WITH BOX	EACH	1.00	\$515.42	\$515.42	1.00	\$515.42	\$0.00
51	4" PIPE BEND	EACH	2.00	\$285.38	\$570.76	2.00	\$570.76	\$0.00
52	6" PIPE BEND	EACH	9.00	\$392.48	\$3,532.32	9.00	\$3,532.32	\$0.00
53	8" PIPE BEND	EACH	9.00	\$468.16	\$4,213.44	9.00	\$4,213.44	\$0.00
54	12" PIPE BEND	EACH	28.00	\$603.67	\$16,902.76	28.00	\$16,902.76	\$0.00
55	16" PIPE BEND	EACH	33.00	\$1,187.01	\$39,171.33	33.00	\$39,171.33	\$0.00
56	20" PIPE BEND	EACH	3.00	\$1,871.37	\$5,614.11	3.00	\$5,614.11	\$0.00
57	12" PIPE COUPLING	EACH	4.00	\$280.96	\$1,123.84	4.00	\$1,123.84	\$0.00
58	16" PIPE COUPLING	EACH	5.00	\$1,146.85	\$5,734.25	5.00	\$5,734.25	\$0.00
59	20" PIPE COUPLING	EACH	1.00	\$1,535.79	\$1,535.79	1.00	\$1,535.79	\$0.00
60	4" GATE VALVE WITH BOX	EACH	3.00	\$1,025.50	\$3,076.50	3.00	\$3,076.50	\$0.00
61	8" GATE VALVE WITH BOX	EACH	3.00	\$1,665.59	\$4,996.77	3.00	\$4,996.77	\$0.00
62	12" GATE VALVE WITH BOX	EACH	9.00	\$2,791.99	\$25,127.91	9.00	\$25,127.91	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
63	16" GATE VALVE WITH BOX	EACH	5.00	\$6,860.67	\$34,303.35	5.00	\$34,303.35	\$0.00
64	20" GATE VALVE WITH BOX	EACH	1.00	\$13,195.77	\$13,195.77	1.00	\$13,195.77	\$0.00
65	PIPE INSULATION	SQFT	210.00	\$3.34	\$701.40	210.00	\$701.40	\$0.00
66	VALVE & BOX	EACH	11.00	\$4,289.46	\$47,184.06	11.00	\$47,184.06	\$0.00
67	FIRE HYDRANT GUARD POST	EACH	10.00	\$667.44	\$6,674.40	10.00	\$6,674.40	\$0.00
68	IMPORTED TRENCH BACKFILL	CUYD	1,000.00	\$8.90	\$8,900.00	1,000.00	\$8,900.00	\$0.00
69	PIPE BEDDING MATERIAL	TON	50.00	\$20.49	\$1,024.50	50.00	\$1,024.50	\$0.00
70	RECONNECT WATER SERVICE	EACH	19.00	\$305.10	\$5,796.90	19.00	\$5,796.90	\$0.00
71	MAIN	EACH	14.00	\$1,156.93	\$16,197.02	14.00	\$16,197.02	\$0.00
72	RECONNECT SEWER SERVICE	EACH	15.00	\$313.50	\$4,702.50	15.00	\$4,702.50	\$0.00
73	SEWER BYPASS PUMPING	LS	1.00	\$16,686.00	\$16,686.00	1.00	\$16,686.00	\$0.00
74	CORROSION PROTECTION	LS	1.00	\$57,784.90	\$57,784.90	1.00	\$57,784.90	\$0.00
75	EXPLORATORY EXCAVATION	HOUR	10.00	\$389.34	\$3,893.40	10.00	\$3,893.40	\$0.00
76	48" MANHOLE	EACH	18.00	\$2,879.98	\$51,839.64	18.00	\$51,839.64	\$0.00
77	60" DROP MANHOLE	EACH	1.00	\$5,274.54	\$5,274.54	1.00	\$5,274.54	\$0.00
78	EXTRA DEPTH FOR 48" MANHOLE	FT	47.70	\$187.84	\$8,959.97	47.70	\$8,959.97	\$0.00
79	EXTRA DEPTH FOR 60" MANHOLE	FT	6.10	\$318.61	\$1,943.52	6.10	\$1,943.52	\$0.00
80	MANHOLE	EACH	1.00	\$556.20	\$556.20	1.00	\$556.20	\$0.00
81	ABANDON MANHOLE	EACH	2.00	\$556.20	\$1,112.40	2.00	\$1,112.40	\$0.00
82	48" DROP MANHOLE	EACH	0.00	\$2,782.69	\$0.00	1.00	\$2,782.69	\$2,782.69
<b>TOTAL</b>					<b>\$1,134,792.39</b>		<b>\$1,137,575.08</b>	<b>\$2,782.69</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$1,134,792.39
CCO #1	\$2,782.69	NET INCREASE/(DECREASE):	\$2,782.69
	\$0.00	ADJUSTED CONTRACT PRICE:	\$1,137,575.08
	\$0.00	CHANGE TO DATE:	\$2,782.69

*TJ*  
 CONTRACTOR: HEAVY CONSTRUCTORS 12/27/11  
DATE

*Bill Calhoun*  
 CONSULTANT: KADRMAS, LEE AND JACKSON, INC. 1/3/12  
DATE

*Klare Schroeder*  
 PROJECT MANAGER: KLARE SCHROEDER, P.E. 12/27/11  
DATE

*Bill Tech*  
 CITY ENGINEER: DALE TECH, P.E. / L.S. 12-27-11  
DATE

MAYOR: SAM KOOIKER DATE

FINANCE: PAULINE SUMPTION DATE

CONTRACT TIME CHANGE +/-: 0      NEW CONTRACT TIME:      Days

City Staff recommends approval of this Change Order #1 to Heavy Constructors for an increase of \$2,782.69 based on unit pricing with the following appropriation:

Initial Funding	\$263,680.79	\$871,111.60			\$1,134,792.39
Fund Type	Sanitary Sewer	Water			
Department	0833	0933			
Line Item	4380	4381			
Fund	0604	0602			
CCO #1	\$2,782.69	\$0.00			\$2,782.69
Adjusted Funding	\$266,463.48	\$871,111.60		\$1,137,575.08	\$1,137,575.08



		Sanitary Sewer		Water		
		833 / 834		933 / 934		
		4380		4381		
		0604		0602		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	10%	0.00	90%	100%
2	CONSTRUCTION STAKING	0.00	10%	0.00	90%	100%
3	REMOVE CURB STOP	0.00	0%	0.00	100%	100%
4	REMOVE MANHOLE	0.00	100%	0.00	0%	100%
5	REMOVE GATE VALVE	0.00	0%	0.00	100%	100%
6	SALVAGE FIRE HYDRANT WITH V	0.00	0%	0.00	100%	100%
7	INCIDENTAL WORK	0.00	50%	0.00	50%	100%
8	18" RC ENCASEMENT PIPE	0.00	0%	0.00	100%	100%
9	24" RC ENCASEMENT PIPE	0.00	0%	0.00	100%	100%
10	30" RC ENCASEMENT PIPE	0.00	0%	0.00	100%	100%
11	PIPE ENCASEMENT	0.00	0%	0.00	100%	100%
12	8"PVC PIPE	0.00	100%	0.00	0%	100%
13	10" PVC PIPE	0.00	100%	0.00	0%	100%
14	4" PVC WATER MAIN	0.00	0%	0.00	100%	100%
15	6" PVC WATER MAIN	0.00	0%	0.00	100%	100%
16	8" PVC WATER MAIN	0.00	0%	0.00	100%	100%
17	12" PVC WATER MAIN	0.00	0%	0.00	100%	100%
18	16" PVC WATER MAIN	0.00	0%	0.00	100%	100%
19	20" PVC WATER MAIN	0.00	0%	0.00	100%	100%
20	1" COPPER PIPE	0.00	0%	0.00	100%	100%
21	1.5" COPPER PIPE	0.00	0%	0.00	100%	100%
22	2" COPPER PIPE	0.00	0%	0.00	100%	100%
23	4" SEWER SERVICE	0.00	100%	0.00	0%	100%
24	6" SEWER SERVICE	0.00	100%	0.00	0%	100%
25	4" SANITARY SEWER SERVICE CL	0.00	100%	0.00	0%	100%
26	6" SANITARY SEWER SERVICE CL	0.00	100%	0.00	0%	100%
27	6"x6" PIPE TEE	0.00	0%	0.00	100%	100%
28	8"x4" PIPE TEE	0.00	0%	0.00	100%	100%

29	8"x6" PIPE TEE	0.00	0%	0.00	100%	100%
30	12"x4" PIPE TEE	0.00	0%	0.00	100%	100%
31	12"x6" PIPE TEE	0.00	0%	0.00	100%	100%
32	16"x6" PIPE TEE	0.00	0%	0.00	100%	100%
33	16"x8" PIPE TEE	0.00	0%	0.00	100%	100%
34	16"x16" PIPE TEE	0.00	0%	0.00	100%	100%
35	20"x6" PIPE TEE	0.00	0%	0.00	100%	100%
36	20"x12" PIPE TEE	0.00	0%	0.00	100%	100%
37	12"x12" PIPE CROSS	0.00	0%	0.00	100%	100%
38	16"x12" PIPE CROSS	0.00	0%	0.00	100%	100%
39	20"x16" PIPE CROSS	0.00	0%	0.00	100%	100%
40	12"x6" PIPE REDUCER	0.00	0%	0.00	100%	100%
41	12"x8" PIPE REDUCER	0.00	0%	0.00	100%	100%
42	16"x6" PIPE REDUCER	0.00	0%	0.00	100%	100%
43	16"x8" PIPE REDUCER	0.00	0%	0.00	100%	100%
44	20"x16" PIPE REDUCER	0.00	0%	0.00	100%	100%
45	TAPPING SADDLE	0.00	0%	0.00	100%	100%
46	1.5" CORPORATION STOP WITH T	0.00	0%	0.00	100%	100%
47	2" CORPORATION STOP WITH TA	0.00	0%	0.00	100%	100%
48	1" CURB STOP WITH BOX	0.00	0%	0.00	100%	100%
49	1.5" CURB STOP WITH BOX	0.00	0%	0.00	100%	100%
50	2" CURB STOP WITH BOX	0.00	0%	0.00	100%	100%
51	4" PIPE BEND	0.00	0%	0.00	100%	100%
52	6" PIPE BEND	0.00	0%	0.00	100%	100%
53	8" PIPE BEND	0.00	0%	0.00	100%	100%
54	12" PIPE BEND	0.00	0%	0.00	100%	100%
55	16" PIPE BEND	0.00	0%	0.00	100%	100%
56	20" PIPE BEND	0.00	0%	0.00	100%	100%
57	12" PIPE COUPLING	0.00	0%	0.00	100%	100%
58	16" PIPE COUPLING	0.00	0%	0.00	100%	100%
59	20" PIPE COUPLING	0.00	0%	0.00	100%	100%
60	4" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
61	8" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
62	12" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
63	16" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
64	20" GATE VALVE WITH BOX	0.00	0%	0.00	100%	100%
65	PIPE INSULATION	0.00	0%	0.00	100%	100%

66	FIRE HYDRANT WITH AUXILIARY V	0.00	0%	0.00	100%	100%
67	FIRE HYDRANT GUARD POST	0.00	0%	0.00	100%	100%
68	IMPORTED TRENCH BACKFILL	0.00	20%	0.00	80%	100%
69	PIPE BEDDING MATERIAL	0.00	0%	0.00	100%	100%
70	RECONNECT WATER SERVICE	0.00	0%	0.00	100%	100%
71	CONNECT TO EXISTING WATER M	0.00	0%	0.00	100%	100%
72	RECONNECT SEWER SERVICE	0.00	100%	0.00	0%	100%
73	SEWER BYPASS PUMPING	0.00	100%	0.00	0%	100%
74	CORROSION PROTECTION	0.00	0%	0.00	100%	100%
75	EXPLORATORY EXCAVATION	0.00	50%	0.00	50%	100%
76	48" MANHOLE	0.00	100%	0.00	0%	100%
77	60" DROP MANHOLE	0.00	100%	0.00	0%	100%
78	EXTRA DEPTH FOR 48" MANHOLE	0.00	100%	0.00	0%	100%
79	EXTRA DEPTH FOR 60" MANHOLE	0.00	100%	0.00	0%	100%
80	CONNECT INTO EXISTING MANHC	0.00	100%	0.00	0%	100%
81	ABANDON MANHOLE	0.00	100%	0.00	0%	100%
82	48" DROP MANHOLE	2,782.69	100%	0.00	0%	100%
		\$2,782.69		\$0.00		\$2,782.69