



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-2724

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## PUBLIC WORKS DEPARTMENT

300 Sixth Street

Dirk Jablonski, Public Works Director  
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### MEMORANDUM

TO: Public Works Committee

FROM: Dirk Jablonski, Public Works Director

DATE: January 25, 2006

RE: Project No. W00-947; Sheridan Lake Road and Sunset Vista Water Main  
Extension

The change order request is for an additional \$10,447.95. As shown on the Change Order Form #1, the additional costs are for quantity adjustments for bid items. Two major quantity adjustments are for gate valves and sidewalk. The City has also charged \$3,600 in liquidated damages on this project. The contract price for the project is \$225,863.00. The change order is 4.6% of the contract amount.

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1**  
**SHERIDAN LAKE ROAD AND SUNSET VISTA WATER MAIN EXTENSION**  
**PROJECT NO. W00-947 / CIP NO. 50260**  
**JANUARY 17, 2006**  
**ORIGINAL CONTRACT AMOUNT: \$225,863.00**  
**CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

PW013106-06

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	Mobilization	LS	1.00	\$11,050.00	\$11,050.00		\$0.00	
2	Clearing and Grubbing	LS	1.00	\$1,575.00	\$1,575.00		\$0.00	
3	Erosion Control Plan	LS	1.00	\$1,835.00	\$1,835.00		\$0.00	
4	8" PVC Sewer Main (6'-12')	LF	50.00	\$37.20	\$1,860.00		\$0.00	
5	8" PVC Termination Riser	EA	1.00	\$950.00	\$950.00		\$0.00	
6	4" PVC Service Line	LF	45.00	\$32.40	\$1,458.00		\$0.00	
7	4" PVC Cleanout	EA	1.00	\$185.00	\$185.00		\$0.00	
8	Sewer Service Connection (4")	EA	1.00	\$300.00	\$300.00		\$0.00	
9	Standard Manhole, 48"	EA	1.00	\$2,500.00	\$2,500.00		\$0.00	
10	12" PVC Water Main	LF	1,705.00	\$38.40	\$65,472.00		\$0.00	
11	8" PVC Water Main	LF	375.00	\$30.40	\$11,400.00		\$0.00	
12	6" PVC Water Main	LF	20.00	\$48.65	\$973.00		\$0.00	
13	12" 11-1/4 Degree Bend	EA	4.00	\$500.00	\$2,000.00	5.00	\$2,500.00	\$500.00
14	12" 22-1/2 Degree Bend	EA	2.00	\$525.00	\$1,050.00	3.00	\$1,575.00	\$525.00
15	12" 45 Degree Bend	EA	7.00	\$530.00	\$3,710.00	8.00	\$4,240.00	\$530.00
16	12" High Deflection Coupling	EA	3.00	\$370.00	\$1,110.00		\$0.00	
17	12"x 10" Reducer	EA	1.00	\$400.00	\$400.00		\$0.00	
18	12"x 8" Reducer	EA	1.00	\$370.00	\$370.00		\$0.00	
19	12"x 6" Reducer	EA	1.00	\$360.00	\$360.00		\$0.00	
20	12"x 12"x 12" Tee	EA	1.00	\$860.00	\$860.00		\$0.00	
21	12"x 12"x 6" Tee	EA	2.00	\$740.00	\$1,480.00	3.00	\$2,220.00	\$740.00
22	12" Gate Valve w/ Box	EA	5.00	\$2,360.00	\$11,800.00	7.00	\$16,520.00	\$4,720.00
23	10" 45 Degree Bend	EA	2.00	\$465.00	\$930.00		\$0.00	
24	16"x 16"x 8" Tapping Tee and Valve	EA	1.00	\$2,600.00	\$2,600.00		\$0.00	
25	8" 11-1/4 Degree Bend	EA	2.00	\$310.00	\$620.00		\$0.00	
26	8" 22-1/2 Degree Bend	EA	3.00	\$310.00	\$930.00		\$0.00	
27	8" 45 Degree Bend	EA	2.00	\$315.00	\$630.00		\$0.00	
28	8" 90 Degree Bend	EA	1.00	\$325.00	\$325.00		\$0.00	

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	8" High Deflection Coupling	EA	1.00	\$265.00	\$265.00		\$0.00	
30	8"x 8"x 6" Tee	EA	1.00	\$390.00	\$390.00		\$0.00	
31	8"x 6" Reducer	EA	1.00	\$240.00	\$240.00		\$0.00	
32	6" 45 Degree Bend	EA	2.00	\$215.00	\$430.00		\$0.00	
33	Fire Hydrant w/ Aux. Valve	EA	4.00	\$3,100.00	\$12,400.00		\$0.00	
34	1" Copper Service	LF	40.00	\$28.70	\$1,148.00	43.00	\$1,234.10	\$86.10
35	1" Tapping Saddle	EA	2.00	\$220.00	\$440.00	3.00	\$660.00	\$220.00
36	1" Curb Stop and Box	EA	2.00	\$200.00	\$400.00		\$0.00	
37	Reconnect Water Service Line	EA	2.00	\$165.00	\$330.00		\$0.00	
38	Concrete Encasement	EA	2.00	\$1,300.00	\$2,600.00		\$0.00	
39	Concrete Curb and Gutter	LF	20.00	\$33.00	\$660.00	75.00	\$2,475.00	\$1,815.00
40	Concrete Sidewalk, 4"	SF	80.00	\$12.50	\$1,000.00	343.00	\$4,287.50	\$3,287.50
41	Regrading Side Slopes	LS	1.00	\$1,365.00	\$1,365.00		\$0.00	
42	Erosion Control Hi-Velocity Excelsior Blanket	SY	500.00	\$5.00	\$2,500.00		\$0.00	
43	3/4" Aggregate Base Course	TON	480.00	\$14.90	\$7,152.00		\$0.00	
44	Type 1 Bedding Material	TON	20.00	\$14.65	\$293.00		\$0.00	
45	Type 2 Foundation Material	TON	10.00	\$13.90	\$139.00		\$0.00	
46	Asphalt Concrete Patch	TON	200.00	\$61.00	\$12,200.00		\$0.00	
47	Remove and Dispose Asphalt Pavement	SY	770.00	\$4.35	\$3,349.50		\$0.00	
48	Remove and Dispose Concrete Curb & Gutter	LF	20.00	\$9.45	\$189.00	75.00	\$708.75	\$519.75
49	Remove Concrete Sidewalk	SF	80.00	\$4.20	\$336.00	343.00	\$1,440.60	\$1,104.60
50	Remove and Reset Fence	LF	345.00	\$17.30	\$5,968.50		\$0.00	
51	3" Russian Olive Trees	EA	7.00	\$610.00	\$4,270.00		\$0.00	
52	Furnish Compost	TON	50.00	\$7.40	\$370.00		\$0.00	
53	Furnish Topsoil	CY	100.00	\$16.00	\$1,600.00		\$0.00	
54	Place Topsoil and Compost Mixture	CY	200.00	\$20.00	\$4,000.00		\$0.00	
55	Seeding, Fertilizing and Mulching	SY	2,800.00	\$0.75	\$2,100.00		\$0.00	
56	Furnish Water For Vegetation	MGAL	185.00	\$10.00	\$1,850.00		\$0.00	
57	Irrigation System Mobilization	LS	1.00	\$3,840.00	\$3,840.00		\$0.00	
58	Traffic Control	LS	1.00	\$8,970.00	\$8,970.00		\$0.00	
59	Construction Staking	LS	1.00	\$4,200.00	\$4,200.00		\$0.00	
60	AASHTO T-180 Soil Test	EA	4.00	\$185.00	\$740.00		\$0.00	
61	Incidental Work	LS	1.00	\$11,395.00	\$11,395.00		\$0.00	
	<b>Change Order #1 Item</b>							
62	Liquidated Damages	Day	0.00	(\$450.00)	\$0.00	8	(\$3,600.00)	(\$3,600.00)
<b>TOTAL</b>					<b>\$225,863.00</b>		<b>\$34,260.95</b>	<b>\$10,447.95</b>

PW013106-06

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
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PW013106-06

C.C.O. HISTORY INCREASE/(DECREASE)				PRIOR ADJUSTED CONTRACT PRICE :		\$225,863.00	
	CCO #1		\$10,447.95	NET INCREASE/(DECREASE):		\$10,447.95	
	CCO #2			ADJUSTED CONTRACT PRICE:		\$236,310.95	
	CCO #3			CHANGE TO DATE:		\$10,447.95	

CONTRACTOR: HEAVY CONSTRUCTORS, INC., PO Box 3239, Rapid City, SD 57709-3239		DATE
PROJECT MANAGER: DION LOWE		DATE
MAYOR: JIM SHAW		DATE
FINANCE: JAMES PRESTON		DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME:	Days

City Staff recommends approval of this Change Order #1 to Heavy Constructors, Inc. for \$9997.95 based on unit pricing with the following appropriation:

Initial Funding	\$225,863.00	\$0.00	\$0.00	\$0.00	\$225,863.00
Fund Type	Water				
Fund	0602				
Department	0933				
Line Item	4381				
CCO1	\$10,447.95				\$10,447.95
Adjusted Funding	\$236,310.95	\$0.00	\$0.00	\$0.00	\$236,310.95

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	FW013106-06 NET CHANGE
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**PROJECT NO. W00-947 / CIP NO. 50260**  
**JANUARY 17, 2006**  
**ORIGINAL CONTRACT AMOUNT: \$225,863.00**  
**CONTRACTOR: HEAVY CONSTRUCTORS, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
13	12" 11-1/4 Degree Bend	Normal Construction Deviation
14	12" 22-1/2 Degree Bend	Normal Construction Deviation
15	12" 45 Degree Bend	Normal Construction Deviation
21	12"x 12"x 6" Tee	Normal Construction Deviation
22	12" Gate Valve w/ Box	Normal Construction Deviation
34	1" Copper Service	Normal Construction Deviation
35	1" Tapping Saddle	Normal Construction Deviation
39	Concrete Curb and Gutter	Normal Construction Deviation
40	Concrete Sidewalk, 4"	Normal Construction Deviation
48	Remove and Dispose Concrete Curb & Gutter	Normal Construction Deviation
49	Remove Concrete Sidewalk	Normal Construction Deviation
62	Liquidated Damages	Exceeded Contract Date

PREPARED BY: Dion Lowe

DATE: January 17, 2006