

**CITY OF RAPID CITY
CONSTRUCTION CHANGE ORDER**

PW010202-09

Water Reclamation Facility Improvements - Equipment Installation

PROJECT NO: WRF01-1035

MAC Construction Company

ORIGINAL CONTRACT AMOUNT: \$1,245,900.00

CHANGE ORDER NO.: 1

DATE: December 17, 2001

LINE ITEM	SEC NO	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	INSTALLED QUANTITY	INSTALLED PRICE	INCREASE/ (DECREASE)
1	NA	Deduct for Price Reduction of Helical Scum Units, Fiberglass Troughs and Weirs, and Fiberglass Baffles	1	1	(\$38,000.00)	(\$38,000.00)			(\$38,000.00)
2	NA	Deduct for Removal of One Existing Bar Screen by City Personnel	1	1	(\$1,311.00)	(\$1,311.00)			(\$1,311.00)
3	NA	Sandblast Wall on Air Compressor Building	1	1	\$542.00	\$542.00			\$542.00
4	NA	Tie-in of New Air Compressor Building to Existing Stairwell	1	1	\$894.00	\$894.00			\$894.00
5	NA	Provide Assistance to City Personnel in Installation of New Electrical Transfer Switch	1	1	\$250.00	\$250.00			\$250.00
6	NA	Provide New Stainless Steel Junction Box	1	1	\$1,565.00	\$1,565.00			\$1,565.00
7	NA	Increase Capacity of Hoist in Screening Room from 1 ton to 1-1/2 ton	1	1	\$679.00	\$679.00			\$679.00
8	NA	Additional Brick on Air Compressor Building	1	1	\$710.00	\$710.00			\$710.00
9	NA	Deduct for Hollow Metal Door instead of Aluminum Door in Operations Building	1	1	(\$1,042.00)	(\$1,042.00)			(\$1,042.00)
10	NA	Deduct to eliminate replacement of the Backing Bars for the Helical Collector Blades	1	1	(\$11,890.00)	(\$11,890.00)			(\$11,890.00)
11	NA	Locate and repair leak in existing propane line. Install new line.	1	1	\$1,115.00	\$1,115.00			\$1,115.00
12	NA	Lead base paint abatement in Primary Sludge Pump Room.	1	1	\$4,978.00	\$4,978.00			\$4,978.00
		TOTAL							(\$41,510.00)

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$1,245,900.00
CCO #1		NET INCREASE/(DECREASE):	(\$41,510.00)
CCO #2		ADJUSTED CONTRACT PRICE:	\$1,204,390.00
CCO #3		CHANGE TO DATE:	(\$41,510.00)
PRIOR TOTAL	\$0.00		

CONTRACTOR: MAC Construction Company	DATE: _____
ENGINEER: McLaughlin Water Engineers, Ltd.	DATE: _____
MAYOR: _____	DATE: _____
FINANCE: _____	DATE: _____
CONTRACT TIME CHANGE +/-: +30 days NEW CONTRACT TIME: March 5, 2002	

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LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	Deduct for Price Reduction of Helical Scum Units, Fiberglass Troughs and Weirs, and Fiberglass Baffles	Price reduction obtained from equipment supplier prior to award of contract per request by City.
2	Deduct for Removal of One Existing Bar Screen by City Personnel	One existing bar screen removed by City personnel.
3	Sandblast Wall on Air Compressor Building	New Air Compressor Building and existing Stairwell share common wall. When brick was removed from outside of common wall grout had to be removed to provide acceptable surface.
4	Tie-in of New Air Compressor Building to Existing Stairwell	Additional structural support required for tie-in to existing wall.
5	Provide Assistance to City Personnel in Installation of New Electrical Transfer Switch	Electrical Journeyman provided to assist City Electrician in installation of new electrical transfer switch purchased by City.
6	Provide New Stainless Steel Junction Box	Replacement of rusted electrical junction box.
7	Increase Capacity of Hoist in Screening Room from 1 ton to 1-1/2 ton	Increased capacity needed for change in screen size.
8	Additional Brick on Air Compressor Building	Brick for Air Compressor Building salvaged from Generator Building slated for demolition as part of Expansion Project. Could not salvage adequate brick therefore, had to supplement one wall with new brick.
9	Deduct for Hollow Metal Door instead of Aluminum Door in Operations Building	Specifications called for all replacement doors to be aluminum. Not needed for this interior application.
10	Deduct to eliminate replacement of the Backing Bars for the Helical Collector Blades	Original drawings not available for backing bars. Therefore, manufacturer requested bars be removed and sent to factory as template for fabrication. This would require one clarifier to be down for up to a month. Not operationally acceptable. Closer inspection of backing bars indicates not all need to be replaced. Will fabricate locally if required, in conjunction with other work.
11	Locate and repair leak in existing propane line. Install new line.	Leak found in portion of existing propane line. Had to test portions of old pipe until leak located. Sliplined portion of old pipe with new pipe.
12	Lead base paint abatement in Primary Sludge Pump Room.	Testing of existing paint on walls of primary sludge pump room indicated lead based paint on all or a portion of walls. Needed to implement special procedures during surface preparation of ceiling and walls.
	Extension of Contract Time by 30 days	Original bid documents set contract time as 180 calendar days. Addendum 1 to bid documents extended time to 210 calendar days. When Contract was set up it reflected 180 days instead of the correct 210 days. Therefore, contract time extension reflects this correction.

REPAIRED BY: Dan Coon _____

DATE: December 17, 2001 _____