

City of Scottsbluff, Nebraska

Monday, May 4, 2015

Regular Meeting

Item Reports5

Council to consider approval of Change Orders in the amount of \$48,184.06 on the CR24 Water Main Installation Project for additional 20” bore and casing required by NDOR and additional materials needed for fire hydrant relocation.

Staff Contact: Mark Bohl, Public Works Director

Agenda Statement

Item No.

For meeting of: May 4, 2015

AGENDA TITLE: Council to consider approval of Change Orders in the amount of \$48,184.06 on the CR24 Water Main Installation Project for additional 20" bore and casing required by NDOR and additional materials needed for fire hydrant relocation.

SUBMITTED BY DEPARTMENT/ORGANIZATION: Public Works Department

PRESENTATION BY: Rick Kuckkahn, City Manager

SUMMARY EXPLANATION: M.C. Schaff & Associates has provided a summary and explanation of changes needed on the Water Transmission Main Project along CR 24 from Highland Rd to Hwy 26. The primary change is for an increase in the 20" bore and casing the NDOR determined was necessary on each side of Hwy 26. This also resulted in additional costs for restoration of vegetation and 12" fittings. The second change was for moving the location of fire hydrants. When the project was staked, some of the fire hydrants were located in the side slope of the irrigation ditch which led to an increase in 6" PVC waterline and fittings.

The original cost for construction of \$450,695.35 came in under the Engineer's Estimate of \$665,194. The amount budgeted for both engineering and construction was based on preliminary engineering estimates of \$809,000 so funding is available to cover the cost of these changes.

BOARD/COMMISSION RECOMMENDATION:

STAFF RECOMMENDATION: Staff recommends that Council approve the Change Orders in the amount of \$48,184.06 needed to complete this project.

EXHIBITS

Resolution ☐ Ordinance ☐ Contract ☐ Minutes ☐ Plan/Map ☐

Other (specify) ☒ Letter from M.C. Schaff & Associates and Change Order Request

NOTIFICATION LIST: Yes ☐ No ☐ Further Instructions ☐

APPROVAL FOR SUBMITTAL: _____
City Manager

Rev 3/1/99CClerk

Change Order

No. 1

Date of Issuance: 4/27/2015

Effective Date: 5/4/2015

Project: City of Scottsbluff 12" Water Transmission County Road 24 Contract:	Owner: City of Scottsbluff	Owner's Contract No.:
		Date of Contract: 1/2/2015
Contractor: Paul Reed Construction		Engineer's Project No.: RM140250-00

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

Balancing out estimated quantities versus actual quantities installed. The major adjustments were increasing the length of the casing as per NDOR's request and 6" pipe and fittings to move the fire hydrants off the ditch slope.

Attachments (list documents supporting change):

Bid quantities versus quantities installed spreadsheet and letter.

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$450,695.35

[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____

\$0

Contract Price prior to this Change Order:

\$450,695.35

[Increase] [~~Decrease~~] of this Change Order:

\$48,184.06

Contract Price incorporating this Change Order:

\$498,879.41

CHANGE IN CONTRACT TIMES:

Original Contract Times: ☐ Working days ☐ Calendar days

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____:

Substantial completion (days): _____

Ready for final payment (days): _____

Contract Times prior to this Change Order:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [Decrease] of this Change Order:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

Contract Times with all approved Change Orders:

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

RECOMMENDED:

By: Michael Ole
Engineer (Authorized Signature)

Date: 4/27/2015

Approved by Funding Agency (if applicable): _____

ACCEPTED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED:

By: [Signature] CFC
Contractor (Authorized Signature)

Date: 4-28-15

Date: _____

EJCDC C-941 Change Order

Prepared by the Engineers Joint Contract Documents Committee and endorsed by the Construction Specifications Institute.

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Change Order

Instructions

A. GENERAL INFORMATION

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

B. COMPLETING THE CHANGE ORDER FORM

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both.

Once Engineer has completed and signed the form, all copies should be sent to Owner or Contractor for approval, depending on whether the Change Order is a true order to the Contractor or the formalization of a negotiated agreement for a previously performed change. After approval by one contracting party, all copies should be sent to the other party for approval. Engineer should make distribution of executed copies after approval by both parties.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.

April 27, 2015

Mayor and City Council Members
City of Scottsbluff
2525 Circle Drive
Scottsbluff, NE 69361

RE: City of Scottsbluff 12" Water Transmission Main – CR 24 from Highland to Us Hwy 26,
Scottsbluff Nebraska, Change Order No. 1

Dear Mayor and City Council:

I am providing this letter in addition to the Quantity Balancing Spreadsheet as supporting documents for Change Order No. 1. The primary purpose of this change order is to balance out the bid quantities with the quantities actually installed.

The primary change was the increase of the 20" Bore and Casing. We obtained the NDOR's permit to occupy the right-of-way prior to bidding the project, however once the project was staked they determined that we needed to extend the casing on each side of Highway 26. This led to the increase in the 20" Bore and Casing, Restoring of Vegetation, and 12" Fittings. The second change was the moving of the fire hydrants further to the west. When the project was staked we saw that some of the hydrants were located in the side slope of the ditch. We discussed this with City staff and determined it would be best to move these hydrants further to the west and away from the ditch side slope. This led to the increase in 6" PVC Waterline and 6" Fittings.

For reference purposes, the Engineer's Estimate for this project was \$665,194.00.

Sincerely,

FOR THE FIRM OF
M.C. SCHAFF & ASSOCIATES, INC.



Michael Olsen
Engineering Intern

CR 24 Waterline from Highland to US Hwy 26
Quantity Balancing Spreadsheet

Bid Item No.	Description	Bid Quantity	Unit Price	Bid Value	Quantity Installed	Installed Value	Change in Contract Price
5	12" PVC Waterline	6,000	\$42.13	\$ 252,780.00	5,852	\$246,544.76	-\$6,235.24
6	6" PVC Waterline	130	\$37.00	\$ 4,810.00	197	\$7,270.50	\$2,460.50
7	12" Water Valve and Valve Box	11	\$2,497.73	\$ 27,475.03	13	\$32,470.49	\$4,995.46
9	12" Fittings	2,941	\$3.84	\$ 11,293.44	5,007	\$19,226.88	\$7,933.44
10	6" Fittings	336	\$9.06	\$ 3,044.16	1,559	\$14,120.01	\$11,075.85
11	20" Bore and Casing	110	\$375.76	\$ 41,333.60	180	\$67,636.80	\$26,303.20
12	8-inch P.C. Concrete Pavement	850	\$8.16	\$ 6,936.00	312	\$2,545.92	-\$4,390.08
13	Restore Vegetation	1,000	\$1.12	\$ 1,120.00	10,000	\$11,200.00	\$10,080.00
22	Gravel Base Surfacing	7,050	\$0.83	\$ 5,851.50	3,032	\$2,516.15	-\$3,335.36
23	Ball Locator	40	\$48.48	\$ 1,939.20	26	\$1,260.48	-\$678.72
24	Dewatering	2,500	\$0.01	\$ 25.00	-	\$0.00	-\$25.00
						Total Change	\$48,184.06