



City of Grand Island

Tuesday, July 23, 2013

Council Session

Item G-17

**#2013-242 - Approving Change Order No. 4 for Lift Station No. 7
Improvements Project No. 2011-S-1A**

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Marvin Strong PE, Wastewater Treatment Plant Engineer

Meeting: July 23, 2013

Subject: Approving Change Order No. 4 for Lift Station No.7
Improvements Project No. 2011-S-1A

Item #'s: G-17

Presenter(s): John Collins, Public Works Director

Background

Public Works in conjunction with Community Development developed multi-year contracts in upgrades for the capacity and quality of sanitary sewer in an area of Grand Island defined as the Lift Station No. 7 Watershed. The projects are Community Development Block Grant (CDBG) Disaster Recovery Programs.

On July 26, 2012 an ad to bidders for Project WWTP-2011-S-1A, Lift Station No. 7 Improvements was published in the Grand Island Daily Independent.

On August 28, 2012, Resolution 2012-224 awarded Project WWTP-2011-S-1A, Lift Station No. 7 Improvements to The Diamond Engineering Company of Grand Island, Nebraska, in the amount of \$479,558.95.

On March 12, 2013, Resolution 2013-66, approved Change Order No. 1 encompassing work to remove asbestos found in the roofing material by B2 Environmental, Inc., in the amount of \$1,897.50 for a revised contract amount of \$481,456.45.

On April 23, 2013, Resolution 2013-121 approved Work Change Directive No. 1 incorporating a required mechanical fitting to transition from the existing forced pumping main to new piping systems, in the amount of \$466.00.

On July 9, 2013, Resolution 2013-220 approved Change Order Nos. 2 & 3 encompassing work in finalizing Work Change Directive No. 1, the addition of safety grab bars, isolation valve, steel I-Beam, concrete pavement, and surplus brick veneer credit, in the amount of \$3,336.89 for a revised contract amount of \$484,793.34.

Discussion

Change Order No. 4-1

Revealed by: Contractor

Initiated by: Engineer

Recommendation by: Wastewater Staff

The Incorporated work requires revised connection to existing six (6) inch force main to include a forty-five (45) degree fitting and additional twenty (20) foot section of six (6) inch ductile iron pipe.

The piping revision will extend the completion date to August 14, 2013.

TOTAL COST FOR CO4-1	\$	470.00
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TOTAL SUMMARY OF COSTS	\$	470.00
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Wastewater staff and the consulting engineer Olsson Associates have reviewed the changed condition(s) and believe such changes will bring benefit to the overall finished product.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve authorization to proceed with the work scope described in Change Order No. 4 with The Diamond Engineering Company of Grand Island, Nebraska.

Sample Motion

Move to approve the Mayor of the City of Grand Island, Nebraska is authorized on behalf of the City of Grand Island to execute a Change Order No. 4 with The Diamond Engineering Company of Grand Island, Nebraska in the combined amount of \$470.00, for a total contract amount of \$485,263.34.



Change Order

No. 4

Date of Issuance: July 23, 2013

Effective Date: July 23, 2013

Project: Lift Station No. 7 Improvements	Owner: City of Grand Island	Owner's Contract No.: 2011-S-1A
Contract: Lift Station No. 7 Improvements		Date of Contract:
Contractor: The Diamond Engineering Company		Engineer's Project No.: 011-2347

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

Description: Revised connection to existing 6" force main to include a 45 degree fitting and added a 20 foot section of 6" ductile iron pipe.

Extended project completion date to August 14, 2013 due to piping revisions.

Attachments: (List documents supporting change): See attached pricing breakdown from Diamond Engineering

CHANGE IN CONTRACT PRICE:

Original Contract Price:

\$ 479,558.95

Increase from previously approved Change Orders
No. 1 to No. 3:

\$5,704.39

Contract Price prior to this Change Order:

\$ 484,793.34

Increase of this Change Order:

\$ 470.00

Contract Price Incorporating this Change Order:

\$ 485,263.34

CHANGE IN CONTRACT TIMES:

Original Contract Times: ☐ Working days ☐ Calendar days

Substantial completion (days or date): N/A

Ready for final payment (days or date): May 15, 2013

Increase from previously approved Change Orders

No. N/A to No. N/A:

Substantial completion (days): N/A

Ready for final payment (days): May 15, 2013

Contract Times prior to this Change Order:

Substantial completion (days or date): N/A

Ready for final payment (days or date): July 26, 2013

Increase of this Change Order:

Substantial completion (days or date): N/A

Ready for final payment (days or date): August 14, 2013

Contract Times with all approved Change Orders:

Substantial completion (days or date): N/A

Ready for final payment (days or date): August 14, 2013

RECOMMENDED:

By: [Signature]
Engineer (Authorized Signature)

Date: 7/12/13

ACCEPTED:

By: _____
Owner (Authorized Signature)

Date: _____

ACCEPTED:

By: [Signature]
Contractor (Authorized Signature)

Date: 7-12-13

EJCDC No. C-941 (2002 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the
Associated General Contractors of America and the Construction Specifications Institute.

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THE DIAMOND ENGINEERING COMPANY
ENGINEERS AND CONTRACTORS
SINCE 1920

GRAND ISLAND, NE 68802-1327
P.O. Box 1327
1521 W. ANNA
308-382-8362 OFFICE
308-382-8389 FAX


WICHITA, KANSAS 67277-2348
P.O. Box 12348
3512 WEST PAWNEE
316-943-3651 OFFICE
316-943-7295 FAX

Quote: July 10th, 2013

Installation of (1) 6" 45° MJ Bend Standard, and (1) 6" x 20' Ductile Iron Pipe Cement Lined.

Quantity	Unit	Description	Unit Price	Total Price
20	LF	6" Bell x PE Ductile Iron Pipe Cement Lined	\$18.50	\$370.00
1	EA	6" 45° MJ Bend Standard	\$100.00	\$100.00

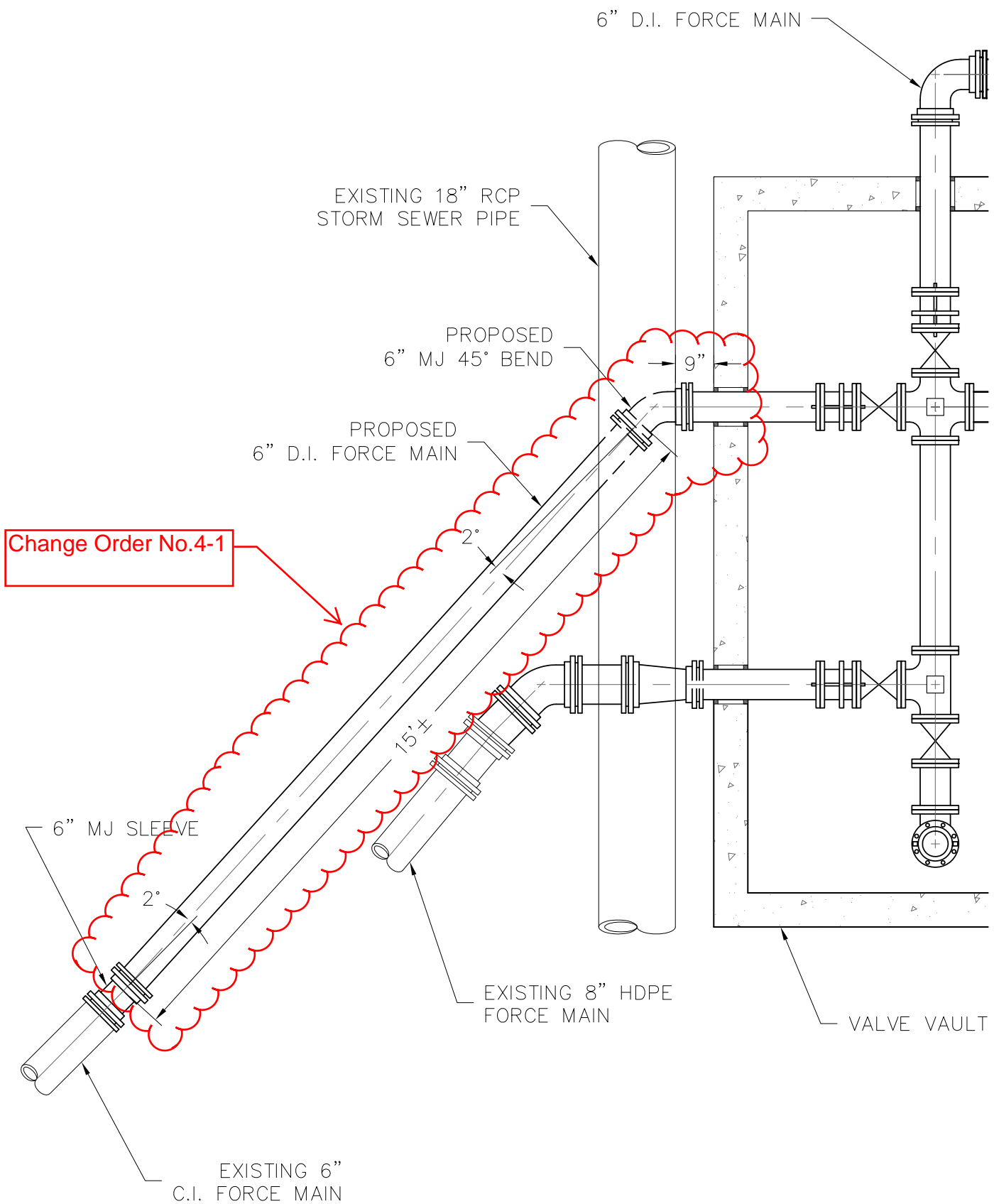
Total: \$470.00


The Diamond Engineering Company

7-11-13
Date

An Equal Opportunity Employer

DWG: F:\projects\011-2347\MUNI\Final_Plans\Lift_Station #7\0112347_LIFTSTATION 7.dwg
 DATE: Jul 10, 2013 10:51am
 USER: cmedina
 XREFS: 0112347_TB LS#7



PROJECT NO:	011-2347
DRAWN BY:	CIM
DATE:	7/8/2013

LIFT STATION #7

201 East 2nd Street
 P.O. Box 1072
 Grand Island, NE 68802-1072
 TEL 308.384.8750
 FAX 308.384.8752

EXHIBIT
1

RESOLUTION 2013-242

WHEREAS, On August 28, 2012, by Resolution 2012-224, City Council awarded, Project WWTP-2011-S-1A, Lift Station No. 7 Improvements to The Diamond Engineering Company of Grand Island, Nebraska, in the amount of \$479,558.95; and

WHEREAS, On March 12, 2013, by Resolution 2013-66, City Council approved Change Order No. 1 encompassing professional services for removal, and disposal of asbestos in a previous roofing system for the amount of \$1,897.50 for a revised contract amount of \$481,456.45; and

WHEREAS, On April 23, 2013, by Resolution 2013-121, City Council approved Work Change Directive No. 1 incorporating a required mechanical fitting to transition from the existing forced pumping main to new piping systems, in the estimated amount of \$466.00; and

WHEREAS, On July 9, 2013, by Resolution 2013-220, City Council approved Change Order Nos. 2 & 3 incorporating the finished services of Work Change Directive No. 1, and incorporated various mechanical components to the pump station, with a civil edit in a concrete slab grade, and provide savings to the project in using owner provided brick veneer in the amount of \$3,336.89 for a revised contract amount of \$484,793.34; and

WHEREAS, Change Order No. 4 incorporates a revised fitting connection, and pipe to the existing ductile iron forced pumping main in the amount of \$470.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that authorization to proceed with scope described in Change Order No. 4 with The Diamond Engineering Company of Grand Island, Nebraska is hereby approved for a revised contract amount of \$485,263.34; and

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such Change Order No. 4 on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, July 23, 2013.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
July 22, 2013	☐ City Attorney