



# City of Grand Island

Tuesday, July 9, 2013

Council Session

## Item G-9

**#2013-220 - Approving Change Order Nos. 2 & 3 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 9, 2013

**Subject:** Approving Change Order Nos. 2 & 3 for Lift Station No.7 Improvements Project No. 2011-S-1A

**Item #'s:** G-9

**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, 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.

On March 12, 2013, Resolution 2013-66, City Council 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 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 amount of \$466.00.

## Discussion

### Change Order No. 2-1

The Incorporated work required a mechanical fitting to transition from the existing forced pumping main to new piping systems.

TOTAL COST FOR CO2-1 \$ 466.00

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### Change Order No. 3-1

This change involves the addition of a six (6) inch mechanical isolation valve into the piping system. The new valve will add flexibility in transiting sewage flow in separate forced pumping mains.

6" Rising Stem Gate Valve with Wrench Nut	\$ 649.26
6" Ford Dismantling Joint with Rods	\$ 330.86
6" Flange Accessory Kits	\$ 26.62
Install Groove on Pipe	\$ 50.00
6" Gruvlok Flange	\$ 43.75
Labor	<u>\$ 200.00</u>
TOTAL COST FOR CO3-1	\$ 1,300.49

### Change Order No. 3-2.

This change involves the addition of a steel I-Beam installed above the pump motor center line to facilitate motor and pump removal.

TOTAL COST FOR CO3-2 \$ 1,375.00

### Change Order No. 3-3

This change involves the addition of a three (3) manhole steps installed vertically in pump station wet well wall. The steps will act as grab bars for maintenance personal.

TOTAL COST FOR CO3-3 \$ 225.00

### Change Order No. 3-4

This change involves the removal and addition of approximately thirteen (13) square yards of concrete pavement. The concrete slab grades will be adjusted to compensate for improved area drainage.

TOTAL COST FOR CO3-4 \$ 1,170.40

### Change Order No. 3-5

This change involves bricks for the pump station building veneer. Previous plant improvement project dating back as far as the Electrical Expansion in the year 2001 have project completion(s) with extra building brick left to owner. This credit will allow the contractor to use the surplus brick for the lift station building veneer.

TOTAL COST FOR CO3-5 \$ (1,200.00)

## SUMMARY OF COSTS

Change Order No. 2	\$ 466.00
Change Order No. 3	<u>\$ 2,870.89</u>
TOTAL SUMMARY OF COSTS	\$ 3,336.89

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 Nos. 2 & 3 with The Diamond Engineering Company of Grand Island, Nebraska.

## **Sample Motion**

Move to approve the Mayor of the City of Grand Island, Nebraska authorized on behalf of the City of Grand Island to execute a Change Order Nos. 2 & 3 with The Diamond Engineering Company of Grand Island, Nebraska in the combined amount of \$3,336.89, for a total contract amount of \$484,793.34.

RESOLUTION 2013-220

WHEREAS, Advertisement to Bidders for Lift Station No. 7 Improvements, Project No. 2011-S-1A was published in the Grand Island Daily Independent on July 26, 2012, and

WHEREAS, on August 16, 2012 bids were received, opened and reviewed; and

WHEREAS, On August 28, 2012 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 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; and

WHEREAS, On April 23, 2013 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, Change Order Nos. 1 & 2 incorporates the finished services of Work Change Directive No. 1, and incorporates 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; and

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 Nos. 1 & 2 with The Diamond Engineering Company of Grand Island, Nebraska is hereby approved for a revised contract amount of \$484,793.34; and

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such Change Order Nos. 1 & 2 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 9, 2013.

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Jay Vavricek, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form	☐ _____
July 9, 2013	☐ City Attorney