



City of Grand Island

Tuesday, February 26, 2019

Council Session

Item G-15

**#2019-76 - Approving Change Order No. 5 for Lift Station No. 20
Upgrade and Force Main Rehabilitation & Lift Station No. 14
Abandonment; Project No. 2017-S-1**

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

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: February 26, 2019

Subject: Approving Change Order No. 5 for Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1

Presenter(s): John Collins PE, Public Works Director

Background

The Diamond Engineering Company of Grand Island, Nebraska was awarded a \$2,306,455.27 contract on March 28, 2017, via Resolution No. 2017-88, for Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1.

On October 10, 2017, via Resolution No. 2017-276, City Council approved Change Order No. 1 in the amount of \$97,640.79, which allowed for replacement of Manhole No. 75 and extended the completion date from March 15, 2018 to April 14, 2018, resulting in a revised contract amount of \$2,404,096.06.

On April 10, 2018, via Resolution No. 2018-99, City Council approved Change Order No. 2 at no cost, which allowed for a time extension from April 14, 2018 to June 30, 2018.

On July 10, 2018, via Resolution No. 2018-202, City Council approved Change Order No. 3 at no cost, which allowed for a time extension from June 30, 2018 to August 31, 2018.

On January 8, 2019, via Resolution No. 2019-21, City Council approved Changed Order No. 4 in the amount of \$29,657.48, which allowed for quantities to be rectified, resulting in a revised contract amount of \$2,433,753.54.

Lift Station No. 20 pumped an average of 220,000 gallons per day. To accommodate anticipated growth to handle a daily flow rate of over 1 million gallons a day, upgrades to this lift station were necessary. The existing force main from Lift Station No. 20 was also in need of replacement and or repair due to poor pipe condition. The force main experienced multiple breaks in recent years.

The project was recognized as reaching substantial completion on November 1, 2018.

Elimination of Lift Station No. 14 and abandonment of the force main has been completed.

Discussion

Change Order No. 5, in the amount of \$2,675.00, is being requested to address necessary safety items, liquidated damages, and to update the completion date from August 31, 2018 to April 30, 2019. The revised contract amount will be \$2,436,428.54, upon Change Order No. 5 approval.

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 Change Order No. 5 for Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1 with The Diamond Engineering Company of Grand Island, Nebraska.

Sample Motion

Move to approve the resolution.



CHANGE ORDER NO. 5

PROJECT: Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment;
Project No. 2017-S-1

CONTRACTOR: The Diamond Engineering Company

AMOUNT OF CONTRACT: \$2,306,455.27

CONTRACT DATE: March 29, 2017

Contract Price Prior to this Change Order.....	\$2,306,455.27
Net Increase from Change Order No. 1.....	\$ 97,640.79
Net Change from Change Order No. 2.....	\$ 0.00
Net Change from Change Order No. 3.....	\$ 0.00
Net Change from Change Order No. 4.....	\$ 29,657.48

LS No. 20

CO5-1	Remove Bollard and Install Safety Chain	\$ 1,675.00	+ 1.00	LS	\$ 1,675.00
CO5-2	Raise JIB Crane	\$ 11,000.00	+ 1.00	LS	\$ 11,000.00
CO5-3	Liquidated Damages (10/1/2018 through 12/21/2018)	\$ (10,000.00)	+ 1.00	LS	\$ (10,000.00)

Subtotal LS No. 20 Change Order No. 5= \$2,675.00

Net Increase Resulting from this Change Order..... **\$ 2,675.00**

Revised Contract Price Including this Change Order.....
\$2,436,428.54

Notice to Proceed Date -----	March 30, 2017
Original Completion Date -----	March 15, 2018
First Revised Completion Date -----	April 14, 2018
Second Revised Completion Date -----	June 30, 2018
Third Revised Completion Date -----	August 31, 2018
Fourth Revised Completion Date -----	April 30, 2019

The Above Change Order Accepted:

The Diamond Engineering Company

By _____ Date _____

Approval Recommended:

By _____ Date _____
John Collins PE, Public Works Director/City Engineer

Approved for the City of Grand Island, Nebraska

By _____ Date _____
Mayor

Attest _____
City Clerk

RESOLUTION 2019-76

WHEREAS, on March 28, 2017, via Resolution No.2017-88, the City of Grand Island awarded The Diamond Engineering Company of Grand Island, Nebraska the bid in the amount of \$2,306,455.27 for Lift Station No. 20 Upgrade and Force Main Rehabilitation & Lift Station No. 14 Abandonment; Project No. 2017-S-1; and

WHEREAS, on October 10, 2017, via Resolution No. 2017-276, City Council approved Change Order No. 1 to the original agreement, which allowed for replacement of Manhole NO. 75 and extended the completion date from March 15, 2018 to April 14, 2018 in the amount of \$97,640.79; and

WHEREAS, on April 10, 2018, via Resolution No. 2018-99, City Council approved Change Order No. 2 at no cost, which allowed for a time extension from April 14, 2018 to June 30, 2018; and

WHEREAS, on July 10, 2018, via Resolution No. 2018-202, City Council approved Change Order No. 3 at no cost, which allowed for a time extension from June 30, 2018 to August 31, 2018; and

WHEREAS, on January 8, 2019, via Resolution No. 2019-21, City Council approved Change Order No. 4 in the amount of \$29,657.48, which allowed for quantities to be rectified, resulting in a revised contract amount of \$2,433,753.54; and

WHEREAS, it has been determined that additional items need to be addressed, consisting of safety issues, liquidated damages, and an update to the completion date from August 31, 2018 to April 30, 2019 to complete such project; and

WHEREAS, such modifications have been incorporated into Change Order No. 5; and

WHEREAS, the cost of Change Order No. 5 is \$2,675.00, for a revised contract agreement amount of \$2,436,428.54.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 5, in the amount of \$2,675.00, between the City of Grand Island and The Diamond Engineering Company of Grand Island, Nebraska to provide the modifications.

Approved as to Form	by _____
March 8, 2019	City Attorney

Adopted by the City Council of the City of Grand Island, Nebraska, February 26, 2019.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk