



City of Grand Island

Tuesday, June 23, 2020

Council Session

Item G-5

**#2020-141 - Approving Change Order #1 with Diamond
Engineering for Water Main Project 2020-W-1 - Lincoln & Delta**

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
Stacy Nonhof, Interim City Attorney

Meeting: June 23, 2020

Subject: Change Order #1 – Water Main Project 2020-W-1 –
Lincoln & Delta

Presenter(s): Timothy Luchsinger, Utilities Director

Background

Water Main Project 2020-W-1 installed approximately 497 linear feet of 8” diameter ductile iron water main by trenchless construction within Lincoln Avenue extending from Delta Street north. The project connected two existing dead-end water mains and installed a public fire hydrant.

Discussion

The original contract was awarded by City Council on November 12, 2019, in the amount of \$119,457.59 to The Diamond Engineering Company of Grand Island, Nebraska. The following scope alterations were encountered during the construction of the project:

Additional items were required to complete the project. An 8” Romac Macro coupling was necessary to connect two sections of the new water main. An 8” mechanical joint plug was needed due to a valve size differing from that of record. The total cost for the additional items is \$1,175.00.

During the process, materials were added or deducted to complete the work. Unit prices were provided in the contract and specified that the contractor be paid on the basis of actual quantity installed, times the contract’s unit price. This total is a deduct of \$609.16.

The original Engineer’s Estimate was \$125,000.00. The original contract was for \$119,457.59. The total changes to the contract amount to \$565.84. This results in a final contract cost of \$120,023.43.

Alternatives

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

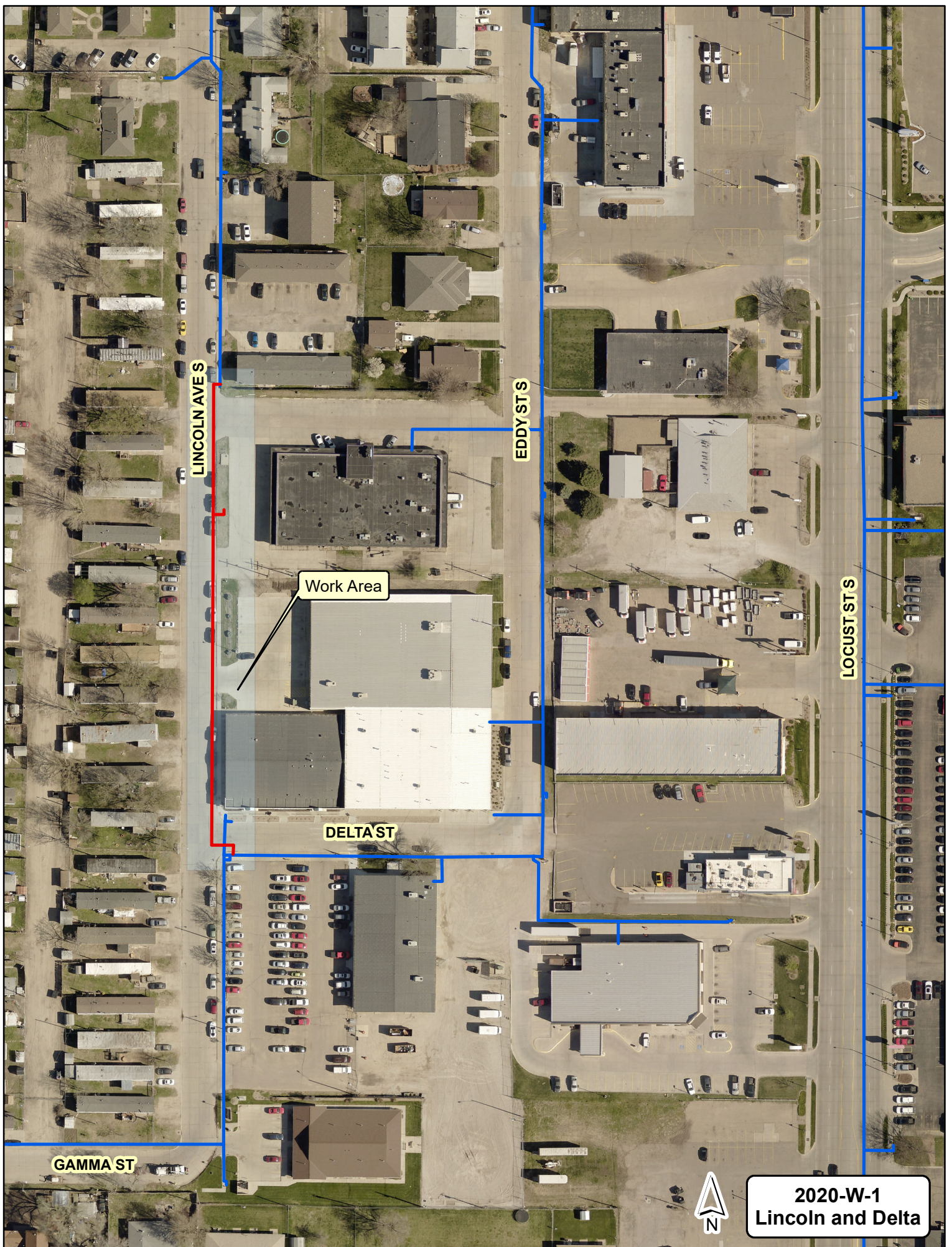
1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve Change Order #1 to the Water Main Project 2020-W-1 contract in the amount of \$565.84, for a final contract amount of \$120,023.43.

Sample Motion

Move to approve Change Order #1 with the Diamond Engineering Company for Water Main Project 2020-W-1 in the amount of \$565.84, for a final contract amount of \$120,023.43.



CHANGE ORDER #1

NAME OF PROJECT: Water Main Project 2020-W-1, Lincoln Ave. and Delta St.

CONTRACTOR: The Diamond Engineering Company
1521 W. Anna, PO Box 1327
Grand Island, NE 68802-1327

OWNER: City of Grand Island, NE

THE FOLLOWING MODIFICATIONS TO THE CONTRACT ARE HEREBY ORDERED:

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>BID</u>			<u>INSTALLED</u>		
		<u>QUANTITY</u>	<u>UNIT</u>	<u>Unit Price \$</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>\$ +/-</u>
D.1.01	8" R.J. D.I. PIPE	495.90	LF	\$166.00	496.80	LF	\$149.40
D.1.03	8 MIL. POLYWRAP	515.50	LF	\$3.35	516.40	LF	\$3.01
D.1.07	8"X45° M.J. BEND	1.00	EA	\$395.00	0.00	EA	-\$395.00
D.1.09	8" RETAINER GLANDS	12.00	EA	\$110.00	10.00	EA	-\$220.00
D.1.14	6" MJ PLUG	1.00	EA	\$255.00	0.00	EA	-\$255.00
D.1.20	THRUST BLOCK	7.00	EA	\$360.00	6.00	EA	-\$360.00
D.1.22	REMOVE EXISTING WATER MAIN AND DISPOSE	3.00	LF	\$51.00	7.00	LF	\$204.00
D.1.24	REMOVE EXISTING ROADWAY	137.70	SY	\$8.00	142.40	SY	\$37.60
D.1.25	REPLACE ROADWAY	137.70	SY	\$66.50	142.40	SY	\$312.55
D.1.26	REMOVE INTEGRAL CURB	85.40	LF	\$0.50	68.80	LF	-\$8.30
D.1.27	REPLACE INTEGRAL CURB	85.40	LF	\$3.20	68.80	LF	-\$53.12
D.1.28	REMOVE SIDEWALK	265.40	SF	\$1.15	264.30	SF	-\$1.26
D.1.29	REPLACE SIDEWALK	265.40	SF	\$8.55	264.30	SF	-\$9.40
D.1.31	SODDING	275.00	SF	\$1.55	266.20	SF	<u>-\$13.64</u>

SUBTOTAL D.1.01-D.1.33 (DEDUCT): (\$ 609.16)

-	8" ROMAC MACRO COUPLING	-	-	\$825.00	1.00	EA	\$825.00
-	8" MJ PLUG	-	-	\$350.00	1.00	EA	<u>\$350.00</u>

SUBTOTAL ADDITIONAL ITEMS (ADD): \$ 1,175.00

THIS CHANGE ORDER AMOUNT: \$ 565.84

ORIGINAL CONTRACT AMOUNT: \$ 119,457.59

REVISED CONTRACT AMOUNT (including this Change Order) **\$ 120,023.43**

REASONS FOR MODIFICATIONS:

During the process of constructing the contract, materials were added or deducted to complete the work. Unit prices were provided in the Contract and specified that the contractor be paid on the basis of actual quantity installed, times the Contract's unit prices. Additional items were required to complete the project, including an 8" coupling for a connection and an 8" plug due to a valve size differing from that of record.

Contractor: *Jamie H. Hender, President* Date: *June 12th, 2020*
The Diamond Engineering Company

Owner: _____ Date: _____
City of Grand Island, NE

RESOLUTION 2020-141

WHEREAS, at the November 12, 2019 meeting, Council awarded the contract for Water Main Project 2020-W-1 – Lincoln and Delta - to the Diamond Engineering Company of Grand Island, Nebraska in the amount of \$119,457.59; and

WHEREAS, during the process of constructing the project, it was found that an 8” coupling was necessary to connect two sections of the new water main, and an 8” plug was needed due to a valve size differing from that of record for a total cost for the additional items of \$1,175.00; and

WHEREAS, material were added or deducted to complete the work, and unit prices were provided in the contract and specified that the contractor be paid on the basis of actual quantity installed, times the contract’s unit price, and this amounted to a deduct of \$609.16; and

WHEREAS, the total amount of changes to the contract is \$565.84, for a total contract amount of \$120,023.43.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 in the amount of \$565.84 to the contract for Water Main Project 2020-W-1 – Lincoln and Delta – is approved and the Mayor is hereby authorized to sign the Change Order on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, June 23, 2020.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	▣ _____
June 18, 2020	▣ City Attorney