



# City of Grand Island

Tuesday, March 27, 2018

Council Session

## Item G-12

**#2018-83 - Approving Change Order No. 1 for West Stolley Park Road and Engleman Road Sanitary Sewer Extension; Project No. 2017-S-3 and Sanitary Sewer District No. 540T**

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

# **Council Agenda Memo**

**From:** Keith Kurz PE, Assistant Public Works Director

**Meeting:** March 27, 2018

**Subject:** Approving Change Order No. 1 for West Stolley Park Road and Engleman Road Sanitary Sewer Extension; Project No. 2017-S-3 and Sanitary Sewer District No. 540T

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

## **Background**

The Diamond Engineering Company of Grand Island, Nebraska was awarded a \$747,545.56 contract on January 23, 2018, via Resolution No. 2018-19, for West Stolley Park Road and Engleman Sanitary Sewer Extension; Project No. 2017-S-3 and Sanitary Sewer District No. 540T.

Sanitary Sewer Project No. 2017-S-3 is an extension of the sanitary sewer from Stolley Park Road and Freedom Drive intersection west to just beyond the planned new US Highway 30 west realignment. This extension would be difficult and costly after the new highway is constructed. Sanitary Sewer District No. 540T continues west to areas between the existing Highway 30 alignment and the proposed realignment including the West Park Plaza Mobile Home Park. West Park Plaza and property along the existing Highway 30 route are currently within city limits and in need of City sanitary services.

## **Discussion**

Change Order No. 1 to the referenced project is being requested to establish new unit prices for gravel bedding in the 15" and 21" sanitary sewer pipe, which will be used in lieu of the rock bedding. The gravel bedding is less costly than the rock bedding, thus an overall savings on the project, and will be used when the native bedding is unsuitable. The subgrade contains variable silt/clay layers that do not support use of native bedding in some of the project areas. When dewatering does not completely drain the subgrade the gravel bedding will also aid in providing a dry foundation.

In order to complete this work Change Order No. 1 is necessary, in the amount of \$36,056.10, resulting in a revised contract agreement of \$783,601.66.

## **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. 1 for West Stolley Park Road and Engleman Sanitary Sewer Extension; Project No. 2017-S-3 and Sanitary Sewer District No. 540T with The Diamond Engineering Company of Grand Island, Nebraska.

## **Sample Motion**

Move to approve the resolution.



### CHANGE ORDER NO. 1

**PROJECT:** West Stolley Park Road and Engleman Sanitary Sewer Extension; Project No. 2017-S-3 and Sanitary Sewer District No. 540T

**CONTRACTOR:** The Diamond Engineering Company

**AMOUNT OF CONTRACT:** \$747,545.56

**CONTRACT DATE:** January 23, 2018

Establish unit prices for gravel bedding in the 15" and 21" sanitary sewer pipe, as this will be used in lieu of rock bedding. Quantities are also being increased for native bedding.

<i>Item No.</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Total Price</i>
2	21" PVC Sanitary Sewer with Native Bedding	+ 324.00	LF	\$ 56.10	\$ 18,176.40
CO1-1	21" Gravel Bedding	+ 1,701.00	LF	\$ 7.80	\$ 13,267.80
3	21" PVC Sanitary Sewer with Rock Bedding	- 194.00	LF	\$ 73.75	\$ (14,307.50)
4	15" PVC Sanitary Sewer with Native Bedding	+ 1,165.00	LF	\$ 39.55	\$ 46,075.75
CO1-2	15" Gravel Bedding	+ 2,912.00	LF	\$ 6.70	\$ 19,510.40
5	15" PVC Sanitary Sewer with Rock Bedding	- 865.00	LF	\$ 53.95	\$ (46,666.75)
<b>Change Order No. 1 Total =</b>					<b>\$ 36,056.10</b>

Contract Price Prior to this Change Order..... \$ 747,545.56

Net Increase Resulting from this Change Order..... \$ 36,056.10

Revised Contract Price Including this Change Order..... \$ 783,601.66

#### 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 2018-83

WHEREAS, on January 23, 2018, via Resolution No.2018-19, the City of Grand Island awarded The Diamond Engineering Company of Grand Island, Nebraska the bid in the amount of \$747,545.56 for West Stolley Park Road and Engleman Sanitary Sewer Extension; Project No. 2017-S-3 and Sanitary Sewer District No. 540T; and

WHEREAS, it has been determined that modifications need to be made to allow for use of gravel bedding; and

WHEREAS, such modifications have been incorporated into Change Order No. 1; and

WHEREAS, the result of such modifications will increase the contract amount by \$36,056.10 for a revised contract price of \$783,601.66.

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. 1 in the amount of \$36,056.10 between the City of Grand Island and The Diamond Engineering Company of Grand Island, Nebraska to provide the modifications.

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Adopted by the City Council of the City of Grand Island, Nebraska, March 27, 2018.

\_\_\_\_\_  
Jeremy L. Jensen, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form	☐ _____
April 5, 2018	☐ City Attorney