



City of Grand Island

Tuesday, October 24, 2017

Council Session

Item G-12

#2017-297 - Approving Change Order #1 for Composite Elevated Water Storage

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Tim Luchsinger, Utilities Director
Stacy Nonhof, Assistant City Attorney

Meeting: October 24, 2017

Subject: Composite Elevate Storage Tank – Change Order #1

Presenter(s): Tim Luchsinger, Utilities Director

Background

The City's water system consists of 21 low pressure wells, located on a 1,200 acre island in the Platte River, which supplies water to an on-site collection and pumping station. This pumping station transfers water through transmissions mains to several reservoir stations in the City. These pumping stations provide water for residential and industrial use as well as fire protection for the City.

In early 2015, a Water Master Plan study was completed identifying the need for elevated water storage, which will provide additional storage during peak demand and an emergency supply if power is lost to the City.

At the March 14, 2017 meeting, Council awarded the contract for Composite Elevated Water Storage Tank Construction to Landmark Structures of Fort Worth, Texas in the amount of \$3,454,200.00.

Discussion

During the design phase, an investigation of the surrounding area found that there would not be enough drainage to facilitate draining the tank for inspection without flooding the future housing development. To address this issue, a pump was designed to pump the remaining water from the elevated storage into the water system.

The pump, electrical, engineering, and installation cost is \$106,030.00. The overflow pipe was redesigned and reduced from 18" to 16" for a cost reduction of \$3,775.00. The total changes to the contract are \$102,255.00, for a final contract cost of \$3,556,455.00.

Alternatives

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

1. Make a motion to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue presented in this motion

Recommendation

The Utilities Department recommends approval of Change Order #1 to the Composite Elevated Storage in the amount of \$102,255.00, for a final contract price of \$3,556,455.00.

Sample Motion

Move to approve Change Order #1 to the Composite Elevate Water Storage Tank with Landmark Structures, in the amount of \$102,255.00, for a final contract amount of \$3,556,455.00.



Working Together for a
Better Tomorrow. Today.

Change Order #1

TO: Landmark Structures
1665 Harmon Road
Fort Worth, Texas 76177
817-439-8888

October 11, 2017

PROJECT: Composite Elevated Storage Tank

You are hereby directed to make the following change in your contract:

1 Additional payment per the attached spreadsheet.

ADD: \$102,255.00

The original Contract Sum	<u>\$ 3,454,200.00</u>
Previous Change Order Amounts	<u>\$ -</u>
The Contract Sum is increased by this Change Order	<u>\$ 102,255.00</u>
The Contract Sum is decreased by this Change Order	<u>\$</u>
The total modified Contract Sum to date	<u>\$ 3,556,455.00</u>

Approval and acceptance of this Change Order acknowledges understanding and agreement that the cost and time adjustments included represent the complete values arising out of and/or incidental to the work described therein.

APPROVED: CITY OF GRAND ISLAND

By: _____

Date _____

Attest: _____

Approved as to Form, City Attorney

ACCEPTED: LANDMARK STRUCTURES

By: _____

Date 10/11/17

Jason Hettler
Sr. Project Manager

525.14510

C123127

\$3,454,200.00

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RESOLUTION 2017-297

WHEREAS, at the March 14, 2017 meeting, Council awarded the contract for construction of the Composite Elevated Water Storage Tank, to Landmark Structures of Fort Worth, Texas, in the amount of \$3,454,200.00; and

WHEREAS, during the design phase, an investigation of the surrounding area found that there would not be enough drainage to facilitate draining the tank for inspection without flooding a future housing development; and

WHEREAS, to address this issue, a pump was designed to pump the remaining water from the elevated storage into the water system; and

WHEREAS, as a result of these design changes, Change Order #1 was prepared for \$102,255.00 for a total contract amount of \$3,556,455.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 for the construction of the Composite Elevated Water Storage Tank, is hereby approved and the Mayor is hereby authorized to sign Change Order #1 on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 24, 2017.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
October 20, 2017	☐ City Attorney