



# City of Grand Island

Tuesday, April 14, 2015

Council Session

## Item G-19

**#2015-99 - Approving Change Order No. 2 for Headworks Improvement Project No. WWTP-2013-1**

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

# Council Agenda Memo

**From:** Jue Zhao PE, PhD; Wastewater Operations Engineer

**Meeting:** April 14, 2015

**Subject:** Approving Change Order No. 2 for Headworks Improvement Project No. WWTP-2013-1

**Item #:** G-19

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

## Background

Public Works Staff in conjunction with the design engineer, Black & Veatch of Kansas City, Missouri have worked on the Headworks Improvement, Project WWTP-2013-1 to construct a new wastewater pumping station, flow measurement, and grit removal systems at the Wastewater Treatment Plant.

Garney Companies, Inc. of Gardner, Kansas was awarded a \$16,993,000.00 contract by the City Council on May 14, 2013 for construction of Headworks Improvements; Project No. WWTP-2013-1 at the Wastewater Treatment Plant. The City rejected a bid alternative of \$75,000.00 for Plant Interceptor Piping (FRPM), which adjusted the contract amount to \$16,918,000.00.

On August 12, 2013, by Resolution No. 2014-213, City Council approved Change Order No. 1 for a decrease in the original contract amount of \$24,745.00 and addressed:

- Addition of bagging attachments for the screenings washer/compactor units
- Change to fiberglass reinforced plastic manholes for sanitary sewer lines
- Discharge piping modifications for the former sludge injection holding tank
- Engine-generator platform and stairs
- Underground power for existing facilities on the west side of the site
- Surge protection for adjustable frequency drives
- Additional coating of the wet wells at the Raw Wastewater Pump Station
- Deletion of a sanitary sewer manhole for Building #3
- Unit price item adjustments for excavation work

## **Discussion**

An additional change order is necessary to proceed with the construction of the Headworks Improvements; Project No. WWTP-2013-1. Change Order No. 2 covers the deletion of coatings for the lower portion of the wet wells and screen channels at the Raw Wastewater Pump Station, changes to the JBS Meter and Sampler Building, deletion of non-potable well motor protection for high temperature, addition of a casing for future ferric chloride lines to the aeration basins, credit for concrete aggregate savings, and unit price item adjustments for excavation work and non-potable well construction, anodized aluminum copings for buildings, addition of on-line conductivity and total suspended solids analyzers for raw wastewater, additional underground non potable water lines, drain line for existing raw wastewater pump station, and Contract Time adjustments for weather delays.

The modifications to this project will result in a contract decrease of \$42,498.00, resulting in a revised contract amount of \$16,850,757.00.

## **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. 2 for Headworks Improvements; Project No. WWTP-2013-1.

## **Sample Motion**

Move to approve the resolution.

RESOLUTION 2015-99

WHEREAS, on May 14, 2013, by Resolution 2013-146, the City of Grand Island awarded Garney Companies, Inc. of Gardner, Kansas the bid in the amount of \$16,993,000.00 for construction of Headworks Improvements; Project No. WWTP-2013-1; and

WHEREAS, the City rejected a bid alternative of \$75,000.00 for Plant Interceptor Piping (FRPM), which adjusted the contract amount to \$16,918,000.00; and

WHEREAS, on August 12, 2013, by Resolution No. 2013, City Council approved Change Order No. 1 for a decrease in the original contract amount of \$24,745.00, for a revised contract amount of \$16,893,255.00; and

WHEREAS, it has been determined that modifications are necessary to proceed with such construction, which have been incorporated into Change Order No. 2; and

WHEREAS, the result of such modifications will decrease the contract amount by \$42,498.00 for a revised contract price of \$16,850,757.00.

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. 2 between the City of Grand Island and Garney Companies, Inc. of Gardner, Kansas to provide the modifications.

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Adopted by the City Council of the City of Grand Island, Nebraska, April 14, 2015.

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Jeremy L. Jensen, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form	☐ _____
April 13, 2015	☐ City Attorney