



City of Grand Island

Tuesday, August 12, 2014

Council Session

Item G-15

**#2014-213 - Approving Change Order No. 1 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: August 12, 2014

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

Item #: G-15

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.

Discussion

A change order is necessary to proceed with the construction of the Headworks Improvements; Project No. WWTP-2013-1. Such change order covers:

- 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

The modifications to this project will result in a contract decrease of \$24,745.00, resulting in a revised contract amount of \$16,893,255.00.

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. 1 for Headworks Improvements; Project No. WWTP-2013-1.

Sample Motion

Move to approve the resolution.

**CITY OF GRAND ISLAND, NEBRASKA
WASTEWATER TREATMENT PLANT
AERATION BASIN IMPROVEMENTS PROJECT**

**CITY PROJECT WWTP-2013-1
BLACK & VEATCH PROJECT NO. 175144**

SUMMARY

CHANGE ORDER NO. 1

The Contract Price shall be modified as follows as a result of the changes described by this modification request. Additions to the Contract Price are indicated by a "+" in front of the amount, deductions by a "-".

<u>Effect on Contract Price</u>		Increase/Decrease In Contract Price (+/-)
<u>Item</u>	<u>Description</u>	
CO1-1	Bagging Attachments for the Screenings Washer/Compactor Units	\$0.00
CO1-2	Change from Concrete Manholes to Fiberglass Reinforced Plastic Manholes	\$0.00
CO1-3	Former Sludge Injection Holding Tank Discharge Piping Modifications	+\$4,382.00
CO1-4	Engine-Generator Platform and Stairs	\$0.00
CO1-5	Underground Power on West Side of Site	+\$59,321.00
CO1-6	Surge Protection for Adjustable Frequency Drives	+\$4,905.00
CO1-7	Coat Lower Portion of Pump Station Wet Wells	+\$35,755.00
CO1-8	Drain Line from Bldg #3 to Existing Manhole	-\$6,383.00
CO1-9	Unit Price Adjustments for Excavation Work	-\$122,725.00
NET CHANGE IN CONTRACT PRICE		-\$24,745.00
BID AMOUNT OF ORIGINAL CONTRACT		\$16,918,000.00
PREVIOUS CHANGE ORDER ADJUSTMENTS		<u>\$0</u>
CURRENT CONTRACT AMOUNT		\$16,918,000.00
CHANGE ORDER NO. 1		-\$24,745.00
ADJUSTED CONTRACT AMOUNT		\$16,893,255.00

7/22/14

CO1-5

Effect on Contract Time

Intermediate Milestone for Original Contract, Calendar Days (Date)	580 (February 15, 2015)
Substantial Completion for Original Contract, Calendar Days (Date)	640 (April 16, 2015)
Final Completion for Original Contract, Calendar Days (Date)	730 (July 15, 2015)
Contract Time Extension for Change Order No. 1 Items Intermediate Milestone, Calendar Days	14
Contract Time Extension for Change Order No. 1 Items Substantial Completion, Calendar Days	29
Contract Time Extension for Change Order No. 1 Items Final Completion, Calendar Days	0
Adjusted Contract Time for Intermediate Milestone Completion, Calendar Days (Date)	594 (March 1, 2015)
Adjusted Contract Time for Substantial Completion, Calendar Days (Date)	669 (May 15, 2015)
Adjusted Contract Time for Final Completion, Calendar Days (Date)	730 (July 15, 2015)

This change order includes all costs, direct, indirect, and consequential, and all changes in Contract Time arising from the work included in the items for Change Order No. 1. No additional claims shall be made for changes in Contract Price or Contract Time arising from these work items.

All other provisions of the contract remain unchanged.

Agreed to this 17th day of August, 2014

Recommended:
Black & Veatch Corporation

By: 
Engineering Manager

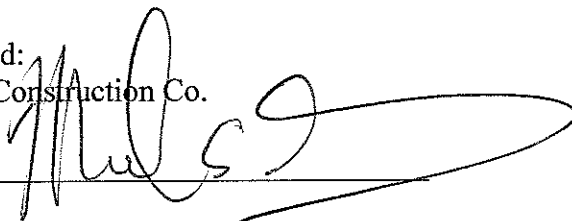
Date: 7.22.14

Approved:
City of Grand Island

By: _____

Date: _____

Approved:
Garney Construction Co.

By: 

Date: 7/25/2014

Stacy R. Donhof
Asst. City Attorney
8/7/14

Approved as to Form _____
Date: _____ City Attorney

RESOLUTION 2014-213

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, it has been determined that modifications are necessary to proceed with such construction, which have been incorporated into Change Order No. 1; and

WHEREAS, the result of such modifications will decrease the contract amount by \$24,745.00 for a revised contract price of \$16,893,255.00.

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. 1 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, August 12, 2013.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
August 11, 2014	☐ City Attorney