



# **City of Grand Island**

**Tuesday, August 12, 2014**

**Council Session**

## **Item G-18**

**#2014-216 - Approving Change Order No. 3 for North Interceptor  
Phase I; Project No. 2012-S-6**

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

# **Council Agenda Memo**

**From:** Terry Brown PE, Assistant Public Works Director

**Meeting:** August 12, 2014

**Subject:** Approving Change Order No. 3 for North Interceptor Phase I;  
Project No. 2012-S-6

**Item #'s:** G-18

**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 developed multi-year replacement plan for the City of Grand Island's large diameter gravity sanitary sewer interceptor network. The current planned interceptor, entitled the "North Interceptor" will replace aged force main sanitary sewer, reduce or eliminate current sewer pumping station(s), provide additional capacity for existing, and new growth areas of Grand Island.

On May 14, 2013, by Resolution No. 2013-147, City Council awarded, Project 2012-S-6, North Interceptor Phase I to Merryman Excavation, Inc. of Woodstock, Illinois, in the amount of \$8,444,635.00.

On September 10, 2013, by Resolution No. 2013-303, City Council approved Change Order No. 1, which supplied and installed thirty-four (34) Fiberglass Manhole(s) with Polyvinyl Chloride Pipe stubs. No additional claim for the contract amount or time was required.

On January 28, 2014, by Resolution No. 2014-13, City Council approved Change Order No. 2, which covered the removal and replacement of an existing concrete encased waterline at the intersection of Voss Road and Seedling Mile Road, the procurement and installation of a new partial lid for the Junction Box to provide access through a 4-foot by 4-foot hatch, the partial costs of the damages caused by a concrete slab that was discovered on top of existing electrical conduits near Station 14+60, the removal and replacement of an existing storm sewer at the intersection of 4<sup>th</sup> Street and 7<sup>th</sup> Street, and the time extension requested by the Contractor for substantial and final completion. Such change order resulted in a contract price increase of \$27,033.17, for a revised contract amount of \$8,471,668.17.

## **Discussion**

The North Interceptor Phase I overall construction project progress level is nearly complete. In December, 2013 the lower third of large diameter gravity interceptor sewer being installed was put into service.

City Staff and the consulting engineer, Black & Veatch have reviewed, negotiated, and bring forward to the members of City Council items outlined in Change Order No. 3.

- Modification of the bid form for “as constructed” quantities as calculated at project completion and in accordance with that will be submitted on the final pay application
- Address the unsatisfactory slip lining, through the use of CCTV, portion of the work in terms of the final grades of the installed liner pipe. The inconsistent grades will require some additional maintenance by the City in the future, which the contractor has agreed to a credit for these future maintenance issues
- Final review of the payment applications revealed an error in quantity for Connections to Existing Manholes (Item No. 4.18). This error was in favor of the contractor because it increased the quantity from two to six. In order to correct this overpayment, the City shall receive a credit in the amount of the additional four connections
- Contractor request for an increase in time for Final Completion in order to finalize punch list items and to allow for work that needs to be completed by subcontractors at Manhole No. 1 (Station 0+00). The work at this manhole required specific timing and coordination with the ongoing Wastewater Treatment Plant Headworks project.

The modifications to this project will result in a contract increase of \$183,791.80, resulting in a revised contract amount of \$8,655,459.97.

### **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. 3 with Merryman Excavation, Inc. of Woodstock, Illinois in the amount of \$183,791.80 for a revised contract of \$8,655,459.97 for North Interceptor Phase I; Project 2012-S-6.

### **Sample Motion**

Move to approve the resolution.

**CITY OF GRAND ISLAND, NEBRASKA  
NORTH INTERCEPTOR – PHASE 1**

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**CITY PROJECT 2012-S-6  
BLACK & VEATCH PROJECT NO. 175144**

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**SUMMARY**

**CHANGE ORDER NO. 3**

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>	
CO3-1	Finalize as-built quantities (See Detailed Breakdown in Attachment 1)	+\$249,374.80
CO3-2	Out of square placement of junction box hatch.	-\$583.00
CO3-3	Sliplining credit	-\$25,000.00
CO3-4	Connection to manholes credit	-\$40,000.00
CO3-5	Request for time extension	\$-----
NET CHANGE IN CONTRACT PRICE		+183,791.80
BID AMOUNT OF ORIGINAL CONTRACT		\$8,444,635.00
PREVIOUS CHANGE ORDER ADJUSTMENTS		+ \$27,033.17
CURRENT CONTRACT AMOUNT		\$8,471,668.17
CHANGE ORDER NO. 3		+183,791.80
ADJUSTED CONTRACT AMOUNT		\$8,655,459.97

6/27/2014

CO3-5

Effect on Contract Time

--	Substantial Completion for Original Contract	January 13, 2014
--	Final Completion for Original Contract	February 17, 2014
CO2-5	Contract Time Extension for Substantial Completion, Calendar Days (Date)	86 (April 9, 2014)
CO2-5	Contract Time Extension for Final Completion, Calendar Days (Date)	58 (April 16, 2014)
CO3-5	Contract Time Extension for Final Completion, Calendar Days* (Date) *Days are in addition to previous time extension.	86 (July 11, 2014)

No additional claims shall be made for changes in Contract Time arising from these work items.

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. 3. 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 11<sup>th</sup> day of July, 2014

Recommended:  
Black & Veatch Corporation

By: [Signature]  
Engineering Manager

Date: 7/8/14

Approved:  
City of Grand Island

By: \_\_\_\_\_

Date: August 12, 2014

Approved:  
Merryman Excavation, Incorporated

By: [Signature]

Date: 7/6/14

Approved as to Form \_\_\_\_\_  
City Attorney

Date: \_\_\_\_\_

6/27/2014

CO3-6

RESOLUTION 2014-216

WHEREAS, On May 14, 2013, by Resolution No. 2013-147, City Council awarded Project 2012-S-6, North Interceptor Phase I to Merryman Excavation, Inc. of Woodstock, Illinois, in the amount of \$8,444,635; and

WHEREAS, On September 10, 2013, by Resolution No. 2013-303, City Council approved Change Order No. 1, which supplied and installed thirty-four (34) Fiberglass Manhole(s) with Polyvinyl Chloride Pipe stubs. No additional claim for the contract amount or time; and

WHEREAS, on January 28, 2014, by Resolution No. 2014-13, City Council approved Change Order No. 2, which provided miscellaneous work changes, as well as time extension for substantial and final completion dates, in the amount of \$27,033.17; and

WHEREAS, it has been determined that modifications are necessary to proceed with such construction project, which have been incorporated into Change Order No. 3; and

WHEREAS, the result of such modifications will decrease the contract amount by \$183,791.80 for a revised contract price of \$8,655,459.97.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that authorization to proceed with scope described in Change Order No. 3 with Merryman Excavation, Inc. of Woodstock, Illinois in the amount of \$183,791.80, for a revised contract amount of \$8,655,459.97 is hereby approved; and

BE IT FURTHER RESOLVED, that the Mayor is hereby authorized and directed to execute such Change Order No. 3, North Interceptor Phase I, Project 2012-S-6 on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 12, 2014.

\_\_\_\_\_  
Jay Vavricek, Mayor

Attest:

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

Approved as to Form	☐ _____
August 12, 2014	☐ City Attorney