



City of Grand Island

Tuesday, July 10, 2012

Council Session

Item G6

**#2012-176 - Approving Change Order #1 - Uranium Removal
Water Treatment Plant Equipment Installation & Pump
Modifications - Judds Brothers**

Staff Contact: Tim Luchsinger, Jason Eley

Council Agenda Memo

From: Timothy G. Luchsinger, Utilities Director
Jason Eley, Assistant City Attorney

Meeting Date: July 10, 2012

Subject: Uranium Removal Water Treatment Plant –
Equipment Installation Change Order #1
Judds Brothers Construction

Item #'s: G-6

Presenter(s): Timothy G. Luchsinger, Utilities Director

Background

The City's municipal water system is supplied primarily from its Platte River Well Field. This well field is comprised of 21 wells and a pumping station. Testing for State regulatory requirements indicated composite uranium levels to be approaching the Maximum Containment Level (MCL) established by the EPA. Uranium is not an acute concern but rather is a chronic concern over a lifetime of exposure, and sampling and testing of the Grand Island water system thus far show full compliance with the EPA regulation. Testing of individual wells for uranium has indicated most wells exceed this MCL. To allow use of these wells during high water system demand periods, additional piping was installed in the past year for blending with lower uranium concentration wells.

Recent testing of uranium concentrations in the wells indicated a trend towards increasing levels, reducing the effectiveness of well blending to reduce overall levels, therefore, based on Department recommendations, the Utilities Department was authorized by Council on February 22, 2011, to proceed with the procurement and installation of the large scale pilot uranium removal system. Based on the multiple phase structure of the uranium engineering services RFP, HDR, the City's consultant on this project, was asked to provide a proposal for bids for an adsorptive media pilot plant. On June 28, 2011, Council awarded the contract for the Uranium Removal System – Equipment Procurement to Water Remediation Technology.

On August 23, 2011, Council approved the proposal of HDR Engineering, Inc., of Lincoln, Nebraska, for Uranium Removal Water Plant – Task Order No. 2. This task order authorized the detailed engineering services which included preparation of specifications for bidding of a new building and foundations, underground piping, well

modifications, and installation of the uranium removal equipment. As part of these engineering services, HDR developed the specifications for the installation of equipment and well upgrades.

Discussion

The contract for the Uranium Removal Water Treatment Plant – Equipment Installation and Pump Modifications was awarded by Council on February 14, 2012, to Judds Brothers Construction in the amount of \$309,250.00.

During installation of equipment provided by Water Remediation Technology, additional materials and re-work of supplied piping were needed to finish the assembly. The amounts include: Labor \$540.90; Equipment Use \$80.00; Material \$803.06; Subcontractor \$765.00; and Overhead \$218.90. A credit of \$840.00 is included for chlorination of the system by the City, which was to have been performed by Judds. The total Change Order amount is \$1,567.86, of which \$2,407.86 will be back charged to WRT for reimbursement, for a final contract amount to \$310,817.86.

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 Council approve Change Order #1 to Judds Brothers Construction Company for Uranium Removal Water Treatment Plant – Equipment Installation and Pump Modifications for an addition of \$1,567.86, for a total contract amount of \$310,817.86.

Sample Motion

Move to approve Change Order #1 to the contract for Uranium Removal Water Treatment Plant – Equipment Installation and Pump Modifications, to Judds Brothers Construction, of Lincoln, Nebraska, in an addition of \$1,567.86, for a final contract amount of \$310,817.86.



*Working Together for a
Better Tomorrow. Today.*

TO: Judds Brothers Construction Co.
P.O. Box 5344
Lincoln, NE 68507

PROJECT: Uranium Removal Water Treatment Plant - Equipment Installation

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

1 Additional payment per the attached spreadsheet.

ADDITION \$1,567.86

The original Contract Sum	<u>\$309,250.00</u>
Previous Change Order Amounts	<u>\$ -</u>
The Contract Sum is increased by this Change Order	<u>\$ 1,567.86</u>
The Contract Sum is decreased by this Change Order	<u>\$</u>
The total modified Contract Sum to date	<u>\$ 310,817.86</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: JUDDS BROTHERS CONSTRUCTION CO.

By: _____

Date _____

Uranium Removal Water Treatment Plant - Equipment Installation

Comments: Additional materials and rework of WRT supplied piping

Contract:

\$309,250.00

<u>Change Order Request</u>	<u>Description</u>	<u>Amount</u>
001	Additional materials and rework of supplied piping	
002	Labor	\$ 540.90
003	Equipment Use	\$ 80.00
004	Material	\$ 803.06
005	Subcontractor	\$ 765.00
006	Overhead	\$ 218.90
007	Credit-GI Utilities chlorination	\$ (840.00)
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012	<p>The specifications for the Uranium Removal Water Treatment Plant – Equipment Installation and Pump Modifications was approved by Council on February 14, 2012 to Judds Brothers for \$309,250.00. During installation of equipment provided by Water Remediation Technology additional materials, and rework of supplied piping were needed finish the assembly. The amounts include Labor \$540.90, Equipment Use \$80.00, Material \$803.06, Subcontractor \$765.00, and Overhead \$218.90. A credit of (\$840.00) is included for Grand Island Utilities for the Chlorination of the system. Total Change order amount \$1,567.86. Since Water Remediation Technology supplied the equipment, Grand Island Utilities will invoice Water Remediation Technologies \$2,407.86 for reimbursement. This change brings the final contract amount to \$310,817.86.</p>	
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	Total	\$ 1,567.86

RESOLUTION 2012-176

WHEREAS, Judds Brothers Construction of Lincoln, Nebraska, was awarded the contract for the Uranium Removal Water Treatment Plant – Equipment Installation and Pump Modifications, at the February 14, 2012 City Council meeting; and

WHEREAS, during installation of equipment, additional materials and re-work of supplied piping were needed to finish the assembly; and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 with Judds Brothers Construction Company of Lincoln, Nebraska, resulting in an additional cost of \$1,567.86, for a final contract amount of \$310,817.86, is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, July 10, 2012.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
July 6, 2012	☐ City Attorney