



City of Grand Island

Tuesday, June 12, 2012

Council Session

Item G15

**#2012-149 - Approving Change Order #1 - Uranium Removal
Water Treatment Plant - Building Construction**

Staff Contact: Tim Luchsinger, Jason Eley

Council Agenda Memo

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

Meeting Date: June 12, 2012

Subject: Uranium Removal Water Treatment Plant –
Building Construction Change Order

Item #'s: G-15

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 requested to provide a proposal for preparing specifications to issue 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 foundations and building to house the uranium removal system equipment.

Discussion

The bid for the Uranium Removal Water Treatment Plant - Building Construction, was awarded by Council on October 11, 2011 to Chief Construction in the amount of \$324,857.30. During construction, it was noticed that the plans had listed a 100 amp main panel when a 200 amp main panel is required. This change amounted to an additional \$511.00. Secondly, the exterior lights were changed to LED. This change was \$423.00. The two changes bring the final contract amount to \$325,791.30.

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 the changes to the contract for Uranium Removal Water Treatment Plant - Building Construction for a total contract amount of \$325,791.30.

Sample Motion

Move to approve the changes to the contract for Uranium Removal Water Treatment Plant – Building Construction, to Chief Construction, of Grand Island, Nebraska, for a final contract amount of \$325,791.30.

Uranium Removal Water Treat Plant-Building Construction

Comments: Changes proposed to Uranium building contract.

Contract:

\$324,857.30

<u>Change Order Request</u>	<u>Description</u>	<u>Amount</u>
001	200 amp main panel (versus 100 amp in spec)	\$ 511.00
002	Exterior lighting changed to LED.	\$ 423.00
003		
004	<div style="border: 1px solid black; padding: 5px;"> After awarding the contract, the contractor proposed a 200 amp main panel, versus the 100 amp main panel that was originally specified. </div>	
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008	Recommend the exterior lighting use LED lights.	
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	Total	\$ 934.00

TO: Chief Construction Company
 2107 S. North Road
 Grand Island, NE 68803
 Attn: Lynn Johnson

PROJECT: Uramium Removal Water Treatment Plant - Building Construction

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

1 Additional payment per the attached spreadsheet.

ADDITION: \$934.00

The original Contract Sum	<u>\$324,857.30</u>
Previous Change Order Amounts	<u>\$ -</u>
The Contract Sum is increased by this Change Order	<u>\$ 934.00</u>
The Contract Sum is decreased by this Change Order	<u>\$</u>
The total modified Contract Sum to date	<u>\$ 325,791.30</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: **Chief Construction Company**
 A subsidiary of Chief Industries, Inc.

By: _____ Date _____

RESOLUTION 2012-149

WHEREAS, Chief Construction of Grand Island, Nebraska, was awarded the contract for Uranium Removal Water Treatment Plant, Building Construction , at the October 11, 2011 City Council meeting; and

WHEREAS, included in the bid submittal for the project was a 100 amp main panel when a 200 amp main panel is required, and the exterior lights were changed to LED; and

WHEAREAS, Change Order #1 was prepared for a contract adjustment of an additional \$934.00, resulting in a final contract amount of \$325,791.30.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Change Order #1 with Chief Construction of Grand Island, Nebraska resulting in an additional cost of \$934.00, for a final contract price of \$325,791.30, is hereby approved.

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Adopted by the City Council of the City of Grand Island, Nebraska, June 12, 2012.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☒ _____
June 8, 2012	☒ City Attorney