



# City of Grand Island

Tuesday, October 11, 2011

Council Session

## Item G9

**#2011-300 - Approving Bid Award - Uranium Removal Water  
Treatment Plant - Building Construction**

Staff Contact: Tim Luchsinger

# Council Agenda Memo

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

**Meeting Date:** October 11, 2011

**Subject:** Uranium Removal Water Treatment Plant –  
Building Construction

**Item #'s:** G-9

**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 specifications for the Uranium Removal Water Treatment Plant - Building Construction were advertised and issued for bid in accordance with the City Purchasing Code. Bids were publicly opened on September 29, 2011. Specifications were sent to three potential bidders and responses were received as listed below. The engineer's estimate for this project was \$350,000.00.

<u>Bidder</u>	<u>Bid Price</u>
Husker Sales Grand Island, Nebraska	\$464,931.35
Chief Construction Grand Island, Nebraska	\$324,857.30

The bids have been evaluated by Engineering Staff, and Chief Construction has listed exceptions. Chief Construction exceptions are verifying that liner panel and water-stop is provided in their bid as required in the specification, and that the stainless steel anchor bolts for equipment are not included as required in the specifications. This is an acceptable exception to the specification and was evaluated by staff as to not impact the ranking of the bids. The Chief bid is below the engineer's estimate of \$350,000.00 and meets City contract requirements.

### **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 award the contract for Uranium Removal Water Treatment Plant - Building Construction to Chief Construction of Grand Island, Nebraska, in the amount of \$324,857.30.

## **Sample Motion**

Move to approve the contract for Uranium Removal Water Treatment Plant – Building Construction, to Chief Construction, of Grand Island, Nebraska, in the amount of \$324,857.30.



Jason Eley, Purchasing Agent

*Working Together for a  
Better Tomorrow, Today*

**BID OPENING**

**BID OPENING DATE:** September 29, 2011 at 1:00 p.m.

**FOR:** (Re-Bid) Uranium Removal Water Treatment Plant – Building Construction

**DEPARTMENT:** Utilities

**ESTIMATE:** \$350,000.00

**FUND/ACCOUNT:** 520

**PUBLICATION DATE:** September 19, 2011

**NO. POTENTIAL BIDDERS:** 3

**SUMMARY**

<b>Bidder:</b>	<u>Husker Sales &amp; Const., Inc.</u> Grand Island, NE	<u>Chief Construction Co.</u> Grand Island, NE
<b>Bid Security:</b>	\$23,246.57	Fidelity & Deposit Co.
<b>Exceptions:</b>	None	Noted
<b>Bid Price:</b>		
<b>Material:</b>	\$86,705.00	\$174,190.00
<b>Labor:</b>	\$50,936.00	\$138,474.00
<b>Sales Tax:</b>	<u>\$ 6,069.35</u>	<u>\$ 12,193.30</u>
<b>Total Bid:</b>	\$464,931.35	\$324,857.30

cc: Tim Luchsinger, Utilities Director  
Jason Eley, Purchasing Agent  
Mary Lou Brown, City Administrator  
Karen Nagel, Utilities Secretary

Bob Smith, Assist. Utilities Director  
Pat Gericke, Utilities Admin. Assist.  
Lynn Mayhew, Utility Engineer



RESOLUTION 2011-300

WHEREAS, the City of Grand Island invited sealed bids for Uranium Removal Treatment Plant – building Construction, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on September 29, 2011, bids were received, opened and reviewed; and

WHEREAS, Chief Construction Company of Grand Island, Nebraska, submitted a bid in accordance with the terms of the advertisement of bids and plans and specifications and all other statutory requirements contained therein, such bid being in the amount of \$324,857.30; and

WHEREAS, the bid of Chief Construction is less than the estimate for the Uranium Removal Water Treatment Plant – Building Construction.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Chief Construction Company, in the amount of \$324,857.30 for Uranium Removal Water Treatment Plant – Building Construction, is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, October 11, 2011.

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Jay Vavricek, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form    ☐ \_\_\_\_\_  
October 5, 2011        ☐ City Attorney