



City of Grand Island

Tuesday, February 28, 2012

Council Session

Item G7

**#2012-45 - Approving Bid Award - Uranium Removal Water
Treatment Plant Equipment Installation and Pump Modifications**

Staff Contact: Tim Luchsinger

Council Agenda Memo

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

Meeting Date: February 14, 2012

Subject: Uranium Removal Water Treatment Plant –
Equipment Installation and Pump Modifications

Item #'s: G-7

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 pump modifications of well field wells and installation of the uranium removal system equipment.

Discussion

The specifications for the Uranium Removal Water Treatment Plant – Equipment Installation and pump modifications were advertised and issued for bid in accordance with the City Purchasing Code. Bids were publicly opened on January 31, 2012. Specifications were sent to four potential bidders and responses were received as listed below. The engineer’s estimate for this project was \$450,000.00.

Bidder	Bid Price
Midlands Mechanical Lincoln, Nebraska	\$399,826.00
Judds Brothers Construction Lincoln, Nebraska	\$309,250.00
Industrial Process Technology, Inc. Mitchell, SD	\$0
Fischer Construction, Inc. Longmont, CO	\$423,525.00

The bids have been evaluated by Engineering Staff, and only Fischer Construction listed an exception to exclude all permits and fees, all other bidders listed no exceptions. The bid submitted by Industrial Process Technology included all the required documents, but no amounts were submitted on the bid data form. Judds Brothers Construction’s bid has no exceptions and is below the engineer’s estimate of \$450,000.00 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 – Equipment Installation and Pump Modifications to Judds Brothers Construction of Lincoln, Nebraska, in the amount of \$309,250.00.

Sample Motion

Move to approve the contract for Uranium Removal Water Treatment Plant – Equipment Installation and Pump Modifications to Judds Brothers Construction of Lincoln, Nebraska, in the amount of \$309,250.00.



Jason Eley, Purchasing Agent

*Working Together for a
Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: January 31, 2012 at 2:00 p.m.

FOR: Uranium Removal Water Treatment Plant – Equipment Installation
And Pump Modifications

DEPARTMENT: Utilities

ESTIMATE: \$450,000.00

FUND/ACCOUNT: 525

PUBLICATION DATE: January 17, 2012

NO. POTENTIAL BIDDERS: 6

SUMMARY

Bidder:	<u>Midlands Mechanical, Inc.</u> Lincoln, NE	<u>Judds Brothers Construction Co.</u> Lincoln, NE
Bid Security:	Universal Surety Co.	International Fidelity Ins. Co.
Exceptions:	Noted	None
Addendum #1 Rec:	Received	Received

Bid Price:		
Material:	\$252,548.00	\$163,534.00
Labor:	\$129,846.00	\$134,268.00
Sales Tax:	<u>\$ 17,432.00</u>	<u>\$ 11,448.00</u>
Total Bid:	\$399,826.00	\$309,250.00

Bidder:	<u>Industrial Process Technology, Inc.</u> Mitchell, SD	<u>Fischer Construction, Inc.</u> Longmont, CO
Bid Security:	The Guarantee Co. of North America	Western Surety Co.
Exceptions:	None	Noted
Addendum #1 Rec:	Received	Received

Bid Price:		
Material:	-0-	\$180,589.00
Labor:	-0-	\$230,295.00
Sales Tax:	<u>-0-</u>	<u>\$ 12,641.00</u>
Total Bid:	-0-	\$423,525.00

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

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

P1532

RESOLUTION 2012-45

WHEREAS, the City of Grand Island invited sealed bids for Uranium Removal Water Treatment Plant Equipment Installation and Pump Modifications, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on January 31, 2012, bids were received, opened and reviewed; and

WHEREAS, Judds Brothers Construction of Lincoln, 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 \$309,205.00; and

WHEREAS, the bid of Judds Brothers Construction is less than the estimate for the Uranium Removal Water Treatment Plant Equipment Installation and Pump Modifications.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Judds Brothers Construction of Lincoln, Nebraska, in the amount of \$309,250.00, for Uranium Removal Water Treatment Plant Equipment Installation and Pump Modifications is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, February 14, 2012.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk