



# City of Grand Island

Tuesday, June 11, 2013

Council Session

## Item G-5

### **#2013-171 - Approving Bid Award - Vibration Monitoring Upgrades at Platte Generating Station**

Staff Contact: Tim Luchsinger, Stacy Nonhof

# **Council Agenda Memo**

**From:** Timothy G. Luchsinger, Utilities Director  
Stacy Nonhof, Assistant City Attorney

**Meeting Date:** June 11, 2013

**Subject:** Vibration Monitoring Upgrades

**Item #'s:** G-5

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

## **Background**

The Vibration Monitoring System at Platte Generating System monitors the amount of vibration on all turbine and generator components. It also monitors all critical plant motors and pumps. The system is used by plant personnel to proactively maintain and troubleshoot critical equipment before failure occurs. The existing system has become obsolete and is no longer supported by the manufacturer, which means there is no guarantee of receiving replacement components in a timely manner, or at all. This project is necessary to modernize the existing system to ensure continued reliability in monitoring critical plant equipment.

## **Discussion**

The specifications for the Vibration Monitoring Upgrades were advertised and issued for bid in accordance with the City Purchasing Code. Bids were publicly opened on May 29, 2013. The engineer's estimate for this project was \$240,000.

Bidder	Bid Price	Optional System Optimization	Adjusted Bid Price
Metrix Instrument Co. Houston, TX	\$149,679.60	\$7,615.00	\$157,294.60
Bently Nevada Minden, NV	\$189,397.79	\$15,714.00	\$205,111.79

The bids were reviewed by plant engineering staff. An alternative bid item for additional system optimization after installation was requested in the bid documents. This bid item was deemed justifiable at the alternative bid price given by Metrix Instrument Company.

This bid is otherwise compliant with the specification and less than the engineer's estimate.

### **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 the Vibration Monitoring Upgrades at Platte Generating Station, to Metrix Instrument Company of Houston, Texas, as the lowest responsive bidder, with the bid price of \$157,294.60.

### **Sample Motion**

Move to approve the bid from Metrix Instrument Company for the Vibration Monitoring Upgrades at Platte Generating Station, in the amount of \$157,294.60.



Stacy Nonhof, Purchasing Agent

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Better Tomorrow, Today*

**BID OPENING**

**BID OPENING DATE:** May 29, 2013 at 2:00 p.m.  
**FOR:** Vibration Monitoring Upgrades  
**DEPARTMENT:** Utilities  
**ESTIMATE:** \$240,000.00  
**FUND/ACCOUNT:** 520  
**PUBLICATION DATE:** May 11, 2013  
**NO. POTENTIAL BIDDERS:** 2

**SUMMARY**

<b>Bidder:</b>	<b><u>Bently Nevada, Inc.</u></b> Minden, NV	<b><u>Metrix Instrument Co.</u></b> Houston, TX
<b>Bid Security:</b>	Travelers Casualty & Surety Co.	Cashier's Check
<b>Exceptions:</b>	Noted	None
<b>Bid Price:</b>		
<b>Material:</b>	\$115,897.00	\$ 70,180.00
<b>Labor:</b>	\$ 65,388.00	\$ 74,587.00
<b>Sales Tax:</b>	<u>Not Included</u>	<u>\$ 10,134.00</u>
<b>Total Bid:</b>	\$181,285.00	\$154,900.00
<b>Alternate Bid:</b>	\$ 15,714.00	\$ 7,615.00

cc: Tim Luchsinger, Utilities Director  
Mary Lou Brown, City Administrator  
Stacy Nonhof, Purchasing Agent

Pat Gericke, Utilities Admin. Assist.  
Jaye Monter, Finance Director  
Ryan Schmitz, Utility Production Eng.

**P1652**

RESOLUTION 2013-171

WHEREAS, the City of Grand Island invited sealed bids for Vibration Monitoring Upgrades at Platte Generating Station, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on May 29, 2013, bids were received, opened and reviewed; and

WHEREAS, Metrix Instrument Company of Houston, Texas, 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 \$157,294.60; and

WHEREAS, the bid of Metrix Instrument Company is less than the estimate for the Vibration Monitoring Upgrades at Platte Generating Station.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Metrix Instrument Company in the amount of \$157,294.60, for Vibration Monitoring Upgrades is hereby approved as the lowest responsible bid and the Mayor is hereby authorized to, on behalf of the City, execute the contract between the City of Grand Island and Metrix Instrument Company.

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Adopted by the City Council of the City of Grand Island, Nebraska, June 11, 2013.

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Jay Vavricek, Mayor

Attest:

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

Approved as to Form	▣ _____
June 7, 2013	▣ City Attorney