



# City of Grand Island

Tuesday, September 8, 2015

Council Session

## Item G-6

**#2015-237 - Approving Bid Award for Chimney Rain Hood Ice Melt System 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:** September 8, 2015

**Subject:** Chimney Rain Hood Ice Melt System

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

The rain hood on top of the Platte Generating Station chimney accumulates ice that then sheds off when the weather warms up. The falling ice has created a significant personnel hazard and has damaged structures as it falls over 400 feet to the ground. This situation has been aggravated by the lower gas outlet temperatures and higher moisture content in the outlet gas from the new Air Quality Control Systems (AQCS). Personnel safety issues have also been magnified due to the new AQCS being built near the base of the stack, increasing the frequency of personnel exposure to falling ice.

Specifications were developed by the plant maintenance staff for the design and installation of a Chimney Rain Hood Ice Melt System. This will consist of ice dams and heat tracing similar to what is used on the roofing of commercial buildings for the same purpose. This will help mitigate the ice build-up and reduce the amount of ice that falls from the stack.

## Discussion

The specifications for the Chimney Rain Hood Ice Melt System were advertised and issued for bid in accordance with the City Purchasing Code. Bids were publicly opened on August 20, 2015. Specifications were sent to seven potential bidders and three responses were received as listed below. The engineer's estimate for this project was \$200,000.

Bidder	Bid Price
IES Commercial, Inc., of Grand Island, NE	\$150,000.00
Structural Preservation Systems of Cheshire, CT	\$183,799.00
R & P Industrial Chimney Co., of Nicholasville, KY	\$291,775.00

Bids were reviewed by plant staff. The bid from IES Commercial, Inc is compliant with specifications, less than the engineer's estimate and is the lowest and best bid. IES Commercial, Inc., also provided two alternatives that would improve the project:

1. Use PVC Coated MC cable from control panel to traces which is a ***\$5,362.00 deduction.***
2. Add snow/ice barricades to help hold back the ice and snow while the heat traces melts it, which is a ***\$6,137.00 addition.***

These two alternates are recommended to be accepted, with an adjusted IES Commercial, Inc. bid of \$150,775.00.

### **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 Chimney Rain Hood Ice Melt System to IES Commercial, Inc., of Grand Island, Nebraska, as the low responsive bidder, with the adjusted bid in the amount of \$150,775.00.

### **Sample Motion**

Move to approve the bid in the amount of \$150,775.00 from IES Commercial, Inc., for the Chimney Rain Hood Ice Melt System.



Stacy Nonhof, Purchasing Agent

*Working Together for a  
Better Tomorrow, Today*

**BID OPENING**

**BID OPENING DATE:** August 20, 2015 at 2:15 p.m.  
**FOR:** Chimney Rain Hood Ice Melt System  
**DEPARTMENT:** Utilities  
**ESTIMATE:** \$200,000.00  
**FUND/ACCOUNT:** 520  
**PUBLICATION DATE:** August 6, 2015  
**NO. POTENTIAL BIDDERS:** 7

**SUMMARY**

<b>Bidder:</b>	<b><u>Structural</u> Cheshire, CT</b>	<b><u>IES Commercial, Inc.</u> Holdrege, NE</b>
<b>Bid Security:</b>	<b>Fidelity &amp; Deposit Co. of Maryland</b>	<b>National Union Fire Ins. Co.</b>
<b>Exceptions:</b>	<b>None</b>	<b>Noted</b>
<b>Material:</b>	<b>\$ 56,820.00</b>	<b>\$ 28,432.60</b>
<b>Labor:</b>	<b>\$123,000.00</b>	<b>\$117,346.54</b>
<b>Sales Tax:</b>	<b>\$ 3,979.00</b>	<b>\$ 4,220.86</b>
<b>Total Bid:</b>	<b>\$183,799.00</b>	<b>\$150,000.00</b>

<b>Bidder:</b>	<b><u>R &amp; P Industrial Chimney</u> Nicholasville, KY</b>
<b>Bid Security:</b>	<b>Merchants Bonding Co.</b>
<b>Exceptions:</b>	<b>Noted</b>
<b>Material:</b>	<b>\$154,370.00</b>
<b>Labor:</b>	<b>\$137,405.00</b>
<b>Sales Tax:</b>	<b>\$ ----</b>
<b>Total Bid:</b>	<b>\$291,775.00</b>

cc: Tim Luchsinger, Utilities Director  
Marlan Ferguson, City Administrator  
Stacy Nonhof, Purchasing Agent  
Darrell Dorsey, Utilities Dept. - PGS

Pat Gericke, Utilities Admin. Assist.  
William Clingman, Interim Finance Director  
Karen Nagel, Utilities Secretary

**P1831**

RESOLUTION 2015-237

WHEREAS, the City of Grand Island invited sealed bids for Chimney Rain Hood Ice Melt System at Platte Generating Station, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on August 20, 2015, bids were received, opened and reviewed; and

WHEREAS, IES Commercial, Inc., 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 \$150,775.00; and

WHEREAS, the bid of IES Commercial, Inc., is less than the estimate for Chimney Rain Hood Ice Melt System.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of IES Commercial, Inc., in the amount of \$150,775.00, for Chimney Rain Hood Ice Melt System, is hereby approved as the lowest responsible bid.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, September 8, 2015.

\_\_\_\_\_  
Jeremy L. Jensen, Mayor

Attest:

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

Approved as to Form	☐ _____
September 4, 2015	☐ City Attorney