



# City of Grand Island

Tuesday, August 13, 2013

Council Session

## Item G-8

**#2013-256 - Approving Bid Award for Ortho-Polyphosphate for Corrosion Control - Utilities Department**

Staff Contact: Tim Luchsinger, Stacy Nonhof

# **Council Agenda Memo**

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

**Meeting Date:** August 13, 2013

**Subject:** Purchase of Liquid Ortho-Polyphosphate for Corrosion Control

**Item #'s:** G-8

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

## **Background**

The City was issued an Administrative Order by the Nebraska Health and Human Services on March 24, 1998, requiring compliance with the Lead and Copper Rule. Because City water was corrosive enough to leach copper from household plumbing and fixtures in excess of EPA limits, the order required the preparation of an Optimum Corrosion Control Treatment program (OCCT).

The OCCT program includes the addition of liquid ortho-polyphosphate solution to the source water to reduce the corrosiveness of the naturally occurring source water. The addition was implemented in May 2003. Subsequent testing of the water system indicates that the goal of reducing corrosiveness, and thus copper levels, to comply with the regulatory order has been achieved.

## **Discussion**

The Utilities Department solicits bids annually for the treatment solution. The current contract to provide the additive for this year is completed, therefore, specifications for the purchase of Liquid Ortho-Polyphosphate for Corrosion Control for another year were prepared and issued for bid. The specifications require a firm price for the product to maintain the guaranteed dose rate. Bids were publicly opened on August 1, 2013. Three bids were received as listed below. The bids were evaluated based upon the total cost to treat 4.5 billion gallons of water (a high estimate of annual treatment needed). The engineer's estimate for this project was \$175,000.00.

Bidder	Unit Price/gal	Price/mil gal	Annual cost
Carus Phosphates, Inc.	\$ 4.788	\$19.152	\$ 86,184.00
Hawkins, Inc.	\$ 5.070	\$20.280	\$ 91,260.00
Shannon Chemical Corporation	\$ 5.610	\$22.440	\$100,980.00

Department staff has reviewed the bids for compliance with the City's detailed specifications. The products proposed by the suppliers are similar in chemical composition, as well as with another product successfully used in the past. The current dosage rate has been approved as part of the OCCT and has proven to achieve compliance with State Health Department regulations. Based on using the same dosage rates, the current supplier, Carus Phosphates, is recommended as the low evaluated bidder.

### **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 the purchase of Liquid Ortho-Polyphosphate for Corrosion Control be awarded to Carus Phosphates, Inc., of Peru, Illinois, as the low responsive bidder, for a not-to-exceed price of \$19.152 per million gallons of water treated; an annual amount estimate at \$86,184.00. The actual annual amount will depend on City water usage.

### **Sample Motion**

Move to approve bid award for Liquid Ortho-Polyphosphate for Corrosion Control in the amount of \$19.152 per million gallons of treated water, to Carus Phosphates, Inc., of Peru, Illinois.



Stacy Nonhof, Purchasing Agent

*Working Together for a  
Better Tomorrow, Today*

**BID OPENING**

**BID OPENING DATE:** August 1, 2013 at 2:15 p.m.  
**FOR:** Purchase of Liquid Ortho-Polyphosphate for Corrosion Control  
**DEPARTMENT:** Utilities  
**ESTIMATE:** \$175.00  
**FUND/ACCOUNT:** 525  
**PUBLICATION DATE:** July 24, 2013  
**NO. POTENTIAL BIDDERS:** 8

**SUMMARY**

<b>Bidder:</b>	<u>Carus Corporation</u> Peru, IL	<u>Hawkins, Inc.</u> Minneapolis, MN
<b>Bid Security:</b>	International Fidelity Insurance	Ohio Farmers Insurance Co.
<b>Exceptions:</b>	None	None
<b>Unit Price Bid:</b>	\$4.788	\$5.07
<b>Unit Cost of Treatment:</b>	<u>\$19.152</u>	<u>\$20.28</u>
<b>Total Cost:</b>	\$86,184.00	\$91,260.00
<b>Bidder:</b>	<u>Shannon Chemical Corporation</u> Exton, PA	
<b>Bid Security:</b>	TD Bank	
<b>Exceptions:</b>	None	
<b>Unit Price Bid:</b>	\$5.61	
<b>Unit Cost of Treatment:</b>	<u>\$22.44</u>	
<b>Total Cost:</b>	\$100,980.00	

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

Bob Smith, Assist. Utilities Director  
Jaye Monter, Finance Director  
Pat Gericke, Utilities Admin. Assist.  
Emily Muth, Reg./Environmental Mgr.

**P1664**

RESOLUTION 2013-256

WHEREAS, the City Water Department invited sealed bids for Liquid Ortho-Polyphosphate for Corrosion Control; and

WHEREAS, on August 1, 2013, bids were received, opened and reviewed; and

WHEREAS, Carus Phosphates, Inc., of Peru, Illinois, submitted a bid in accordance with the terms of the advertisement of bids and plans and specifications and all other statutory requirements contained therein, for a not to exceed price of \$19.152 per million gallons of water treated, at an annual amount estimated at \$86,184.00 (the actual annual amount will depend on City water usage); and

WHEREAS, the bid of Carus Phosphates, Inc., is less than the estimate for Liquid Ortho-Polyphosphate for Corrosion Control.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Carus Phosphates, Inc., of Peru, Illinois, for a not to exceed price of \$19.152 per million gallons of water treated, in an annual amount estimated at \$86,184.00, is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 13, 2013.

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Jay Vavricek, Mayor

Attest:

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RaNae Edwards, City Clerk

Approved as to Form	▣ _____
August 9, 2013	▣ City Attorney