



City of Grand Island

Tuesday, January 14, 2020

Council Session

Item G-7

**#2020-5 - Approving Bid Award - Cooling Tower Chemicals for
Platte Generating Station**

Staff Contact: Tim Luchsinger, Stacy Nonhof

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
Stacy Nonhof, Interim City Attorney

Meeting Date: January 14, 2020

Subject: Purchase of Cooling Tower Chemicals

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

Background

The Platte Generating Station utilizes a cooling tower, condenser and circulating piping as part of the plant's cooling water system. The system cooling water impurities are concentrated through an evaporative cooling process. The plant has routinely treated the water to prevent scaling, corrosion, fouling, and microbiological contamination. The annual cost of these chemicals has increased above the City Purchasing Code requirements. The plant environmental staff developed specifications for the purchase of the chemicals used for treatment of the water.

Discussion

The specification for the Purchase of Cooling Tower Chemicals was advertised and issued for bid in accordance with the City Purchasing Code. The specifications require a firm price for the product to maintain the cooling tower water chemistry to minimize corrosion and no scale buildup.

Bids were publicly opened on December 31, 2019. Specifications were sent to two potential bidders and responses were received as listed below. The engineer's estimate for this project was \$130,000.00.

Bidder	Unit Price	Annual Price
Water Engineering, Inc.		
Mead, Nebraska	\$0.8200	\$65,079.00

Department staff has reviewed the bid for compliance with the detailed specifications. The bid from Water Engineering is compliant with specifications 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 the purchase of cooling tower chemicals be awarded to Water Engineering of Mead, Nebraska, as the low responsive bidder, for a not-to-exceed price of \$0.8200 per pounds of solution; an annual amount estimate at \$65,079.00. The actual annual amount will depend on City water usage.

Sample Motion

Move to approve the purchase of cooling tower chemicals in the amount of \$0.8200 per pounds of solution to Water Engineering from Mead, Nebraska.



Stacy Nonhof, Purchasing Agent

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Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: December 31, 2019 at 2:15 p.m.
FOR: Purchase of Cooling Tower Chemicals
DEPARTMENT: Utilities
ESTIMATE: \$130,000.00
FUND/ACCOUNT: 520
PUBLICATION DATE: December 14, 2019
NO. POTENTIAL BIDDERS: 2

SUMMARY

Bidder: Water Engineering, Inc.
Mead, NE
Bid Security: Cashier check
Exceptions: None

Bid Price: \$0.82 per pound
Annual Total: \$65,079.00

cc: Tim Luchsinger, Utilities Director
Jerry Janulewicz, City Administrator
Stacy Nonhof, Purchasing Agent
Karen Nagel, Utility Secretary

Pat Gericke, Utilities Admin. Assist.
Patrick Brown, Finance Director
Scott Sekutera, Regulatory Manager

P2172

RESOLUTION 2020-5

WHEREAS, the City of Grand Island invited sealed bids for Cooling Tower Chemicals, according to plans and specifications on file with the Utilities Department; and

WHEREAS, on December 31, 2019, bids were received, opened and reviewed; and

WHEREAS, Water Engineering, Inc., of Mead, 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 \$0.8200 per unit for an annual estimated price of \$65,079.00; and

WHEREAS, the bid of Water Engineering, Inc., is less than the estimate for Cooling Tower Chemicals.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Water Engineering, Inc., in the amount of \$0.8200 per unit – an estimated annual price of \$65,079.00 for Cooling Tower Chemicals, is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, January 14, 2020.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
January 10, 2020	☐ City Attorney