



City of Grand Island

Tuesday, March 18, 2003

Council Session

Item I2

#2003-86 - Approving Bid Award for Liquid Ortho-Polyphosphate for Corrosion Control - Utilities Department

Background:

The City was issued an Administrative Order by Nebraska Health and Human Services (NHHS) on March 24, 1998, requiring compliance with the Lead and Copper Rule (LCR), including the preparation of an Optimum Corrosion Control Study (OCCT). The following implementation schedule has been imposed by NHHS for LCR compliance:

- 1) Submit recommended Optimum Corrosion Control Treatment (OCCT) to the Nebraska Health and Human Services (NHHS) by January 1, 2002 - Completed*
- 2) NHHS will designate the OCCT by June 2002 - Completed*
- 3) Equipment installation for the OCCT by April 2003 .*

The recommended OCCT was submitted to NHHS in December 2001 in a report prepared by our consultant for the project, CH2MHill. The recommended OCCT is to inject a liquid ortho-polyphosphate solution into the water distribution system. This solution is designed to sequester manganese and to minimize pipeline corrosion, thereby reducing concentrations of lead and copper in the drinking water. NHHS concurred with the recommended OCCT. After the OCCT system is placed in service, additional water sampling is required to test that concentrations of lead and copper in the drinking water are below regulatory action levels. The action level for copper is 1.3 mg/l and the action level for lead is 0.015 mg/l.

Discussion:

Specifications for the purchase of Liquid Ortho-Polyphosphate for Corrosion Control were prepared by our Consultants, CH2M Hill, and advertised and issued for bid in accordance with the City Purchasing Code. The specification requested firm unit pricing based on treating a one year City pumping amount. The response received from the following bidder is an estimate for the annual chemical cost. It is based on \$8.08 per gallon for the solution, with a recommended injection rate of 3.85 gallons of solution/million gallons of raw water, with a contract unit cost of treatment of \$31.10 per million gallons of raw water. The engineer's estimate for this project was \$175,000. The contract is for supplying the solution at the bid unit price for one year.

Bidder: Aqua Smart, Inc. from Atlanta, Georgia. Bid Price: \$139,950.00

Recommendation:

Department engineering staff reviewed the bid for compliance with the City's detailed specifications and found the bid compliant. It is the recommendation of the Utilities

Department that Aqua Smart, Inc. from Atlanta, Georgia, be awarded the contract for this material in an amount estimated at \$139,950.00, depending on actual City water usage.

Fiscal Effects:

Expenditure of \$139,950.00 of Enterprise Fund 525.

Alternatives: None recommended. See attached RESOLUTION.

Staff Contact: Gary R. Mader

Purchasing Division of Legal Department
INTEROFFICE MEMORANDUM



Dale M. Shotkoski, Assistant City Attorney

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Better Tomorrow, Today*

BID OPENING

BID OPENING DATE: March 6, 2003

FOR: Purchase of Liquid Ortho-Polyphosphate for Corrosion Control

DEPARTMENT: Utilities/PGS

ENGINEER'S ESTIMATE: \$175,000.00

FUND/ACCOUNT: E525

PUBLICATION DATE:

NO. POTENTIAL BIDDERS:

SUMMARY

Bidder: Aqua Smart, Inc.
4445 Commerce Drive, SW. Suite A-4
Atlanta, GA 30336-1962

Bid Security: \$6,997.50

Exceptions: None

Bid Price: \$139,950.00

cc: Gary Mader, Utilities Director
RaNae Edwards, City Clerk
Dale Shotkoski, Purchasing Agent
Laura Berthelsen, Legal Assistant

P804

R E S O L U T I O N 2003-86

WHEREAS, on March 24, 1998, an Administrative Order was issued by the Nebraska Health and Human Services (NHHS) requiring compliance with the Lead and Copper Rule, including the preparation of an Optimum Corrosion Control Treatment Study; and

WHEREAS, the Order requires the installation of Optimum Corrosion Control Treatment by April 2003; and

WHEREAS, NHHS concurred with the recommended treatment to inject a liquid ortho-polyphosphate solution into the water distribution system to reduce corrosion; and

WHEREAS, the City of Grand Island invited sealed bids for the Purchase of Liquid Ortho-Polyphosphate for Corrosion Control, according to plans and specifications on file at the Platte Generating Station; and

WHEREAS, on March 6, 2003, one bid was received, opened and reviewed; and

WHEREAS, Aqua Smart, Inc. of Atlanta, Georgia, 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 \$139,950.00; and

WHEREAS, Aqua Smart, Inc.'s bid is less than the engineer's estimate for such project.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the bid of Aqua Smart, Inc. of Atlanta, Georgia, in the amount of \$139,950.00 for the purchase of liquid ortho-polyphosphate for corrosion control is hereby approved as the lowest responsible bid.

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Adopted by the City Council of the City of Grand Island, Nebraska, March 18, 2003.

RaNae Edwards, City Clerk

Approved as to Form	<input type="checkbox"/>	_____
March 13, 2003	<input type="checkbox"/>	City Attorney