

FOR BOARD ACTION

Agenda Item # 4.b.

Meeting Date:

2/27/07

SUBJECT: CONSIDERATION OF BIDS
REPLACEMENT OF PUMPING UNITS
MUNICIPAL WELLS #18, #26, #28

PREPARED BY: Cary Johnson, Supervisor of Water Operations

ITEM DESCRIPTION:

Two bids were received and opened on February 16th, 2007, for the replacement of three pumping units. These new pumping units will replace the existing pumping units in Municipal Wells #18, #26, and #28.

The pumping units in Wells #18 & #28 have reached their end of life based on 40,000 operating hours and decreased output.

Well #26 pumping unit is failing after approximately 20,000 run time hours. Pumpage has dropped off from 1,200gpm to under 900gpm. We believe the drop in pumpage is due to higher than normal amounts of sand the well has pumped in the past. This well will also be bailed of sand prior to the installation of a new pumping unit.

In order to ensure these wells will be in service for the peak summer season, we are requiring the contractor have this work completed by June 1st, 2007.

Thein Well Company, Inc. was the lowest overall project bidder with a total price of \$68,748.00. A breakdown of the bids is attached.

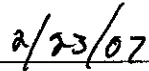
The Water M&C budget for 2007 includes \$55,000 for this project.

While the low bid is above our budgeted amount, based on the fact the bids received were from qualified contractors, we feel it is appropriate to go ahead with this project. We will make adjustments in the Water Capital budget to compensate for the higher cost of this project.

UTILITY BOARD ACTION REQUESTED:

It is requested the Utility Board recommend approval of a purchase order with Thein Well Company, Inc. in the amount of \$68,748.00 for the replacement of these three pumping units.


General Manager


Date

ROCHESTER PUBLIC UTILITIES

2007 - PUMPING UNIT REPLACEMENTS

Bids Due: February 16, 2007

Bidder	Bergerson Caswell	Thein Well	
Pump Bowl Manufacturer	Goulds	Goulds	
Pump Model	9RHCH-8	9RHCH-8	
Pump Weight	592lbs	592lbs	
Design Capacity	500gpm @ 359'TDH	500gpm @ 359'TDH	
Number of Stages	8	8	
Bowl Efficiency at Rated Capacity	85.0%	85.0%	
Pump Unit Relacement - Well #18	\$23,575.00	\$19,424.00	
8"x 8" Disharge Head	\$1,750.00	\$2,100.00	
Total Well #18	\$25,325.00	\$21,524.00	
Pump Bowl Manufacturer	American Marsh	Goulds	
Pump Model	13MC-5	12CHC-5	
Pump Weight	700lbs	791lbs	
Design Capacity	1,200gpm @ 321' TDH	1,200gpm @ 313' TDH	
Number of Stages	5	5	
Bowl Efficiency at Rated Capacity	85.0%	85.2%	
Pump Unit Relacement - Well #26	\$24,245.00	\$22,214.00	
10"x 10" Discharge Head	\$2,550.00	\$2,600.00	
Bailing @ _____ /hr x 12 hours	\$2,100.00	\$2,040.00	
Total Well #26	\$28,895.00	\$26,854.00	
Pump Bowl Manufacturer	American Marsh	Goulds	
Pump Model	13MC-5	12CHC-5	
Pump Weight	700lbs	791lbs	
Design Capacity	1,200gpm @ 351' TDH	1,200gpm @ 351' TDH	
Number of Stages	5	5	
Bowl Efficiency at Rated Capacity	85.0%	85.9%	
Pump Unit Relacement - Well #28	\$22,145.00	\$20,370.00	
Total Well #28	\$22,145.00	\$20,370.00	
Bid Bond, Cashier's Check, Certified Check	5% Bid Bond	5% Bid Bond	
Grand Total:	\$76,365.00	\$68,748.00	

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Date: 2/16/07

**Selected based on low bid
and previous work history
with contractor**



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve a purchase order agreement with Thein Well Company, Inc. for

REPLACEMENT OF PUMPING UNITS
(Municipal Well #18 – 1910 1st Street SW)
(Municipal Well #26 – 4401 Meadow Lakes Drive NW)
(Municipal Well #28 – 1505 50th Street NW)

The amount of the purchase order agreement to be SIXTY EIGHT THOUSAND SEVEN HUNDRED FOURTY EIGHT AND 00/100 (\$68,748.00) and THEIN WELL CO. being low bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 27th day of February, 2007.

President

Secretary