

FOR BOARD ACTION

Agenda Item # 5.

Meeting Date:

4/25/06

SUBJECT:

High Pressure Heater 4-4 Retubing - 2006

PREPARED BY:

Tom Williamson
Sr. Mechanical Engineer

ITEM DESCRIPTION:

The SLP 4-4 high pressure heater has suffered several instances of tube failures in the past several months. Each tube failure in a heater subjects the turbine generator unit to potentially significant damage due to water induction into the turbine. Staff has tried incorporating industry accepted standard repairs to the unit but each repair has been followed by another tube failure. It is clear to staff that the unit has reached the end of its functional life and a complete retubing is required to restore the unit to an acceptable operating condition.

On April 18, 2006 bids were received for the above-referenced project from two companies. Specifications were sent to three companies. A tabulation of the bids is attached.

Bids have been reviewed and evaluated. Several clarifications are included in the bidder's scope of work. All items are acceptable to RPU. Staff recommends that the contract be awarded to the low qualified bidder, American Power Services, Inc., in the amount of \$165,032.72 for the retube of 4-4 high pressure heater.

The project is budgeted as a cost center repair in the operational budget.

The final contract agreement is subject to review and approval by the City Attorney and General Manager prior to execution.

UTILITY BOARD ACTION REQUESTED:

Staff recommends the Utility Board approve a Contract Agreement with American Power Services, Inc. in the amount of \$165,032.72 for the retubing of SLP 4-4 high pressure heater and requests the Mayor and City Clerk to execute the agreement.


General Manager


Date

ROCHESTER PUBLIC UTILITIES

Bid Tabulation
High Pressure Heater No. 4-4 Retubing - 2006
April 18, 2006 2:00 PM

	Base Bid APS	Alt Bid APS	Base Bid TEI	Alt Bid TEI	Base Bid Yuba	Alt Bid Yuba
Bld Bond	Check	Check	Yes	Yes		
Material Price	\$72,988.00	\$72,988.00	\$103,816.00	\$103,816.00	No Bid	No Bid
State Taxes	\$4,744.22	\$4,744.22	\$6,748.00	\$6,748.00		
Labor & Other Services	\$83,300.50	\$83,300.50	\$68,251.00	\$68,251.00		
Contingency	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
Total Bid Price	\$165,032.72	\$165,032.72	\$182,815.00	\$182,815.00		
Option "A" Thicker tubing	No Charge	No Charge	No Bid	No Bid		



RESOLUTION

BE IT RESOLVED by the Public Utility Board of the City of Rochester, Minnesota, to approve a contract agreement with American Power Services, Inc. and request that the Mayor and the City Clerk to execute the agreement for

High Pressure Heater 4-4 Retubing – Silver Lake Power Plant

The amount of the contract agreement to be ONE HUNDRED SIXTY-FIVE THOUSAND THIRTY-TWO AND 72/100 DOLLARS (\$165,032.72) and American Power Services, Inc. being lowest responsible bidder.

Passed by the Public Utility Board of the City of Rochester, Minnesota, this 25th day of April 25, 2006.

President

Secretary