

COUNCIL COMMUNICATION

From: The City Manager

Subject: Pump Shaft, Impeller and Wear Rings Purchase

Manager's Recommendation:

I recommend that the low bid received from HydroDynamics, Inc. be accepted and that a purchase order be issued to them in the amount of \$47,976.00 for pump shaft, impeller and wear rings purchase.

This vendor meets all requirements of the Contract Compliance Provisions, Title 1, Chapter 14, §14.35-14.44, of the Saginaw Code of Ordinances.

Funds for this purchase are available in the Sewer Operation and Maintenance Account No. 590-4830-861.73-30 (\$23,988.00) and budgeted in Sewer Surplus Account No. 576-4840-881.97-20 (\$23,988.00).

Justification:

On January 28, 2008 the City received bids for the purchase of an impeller, shaft, and wear rings for one of the influent sewage pumps. The pumps at the wastewater treatment plant are used to pump wastewater containing inorganic solids that are abrasive. One of the pumps is currently out of service with a broken shaft and worn out impeller. The purchase of a spare pump shaft and impeller are budgeted in the Sewer Surplus account due to the long lead-time required to make the impeller and shaft. The plant has more than one pump that uses the same shaft and impeller. Therefore, the recommendation is to purchase two impellers, two shafts, and two sets of wear rings so that a spare will be available in the future. Five bids were received for this equipment. Several were partial bids.

COUNCIL COMMUNICATION

The HydroDynamics, Inc. bid is approximately one third the cost of the next lowest bid and the next lowest bid would require buying the shaft from one company and the impeller and wear rings from another. HydroDynamics, Inc. would make the shaft in their machine shop and the impeller would be made by a company that already has the blueprint for the casting. The other suppliers would have to make a blueprint and pattern for the impeller, which significantly raises the cost.

Following is a tabulation of the bids that were received:

HydroDynamics, Inc Waterford, MI		\$23,988.00
Hamilton Electric Saginaw, MI		\$83,607.80
Kerr Pump Oak Park, MI	without shaft	\$65,483.16
Detroit Pump Ferndale, MI	without impeller	\$ 8,236.00
Richland Machine & Pump Richland, MI	without impeller	\$ 5,332.00

Council Action:

Council _____ moved that the recommendation of the City Manager be approved.