

CITY OF COOS BAY CITY COUNCIL
Agenda Staff Report

| MEETING DATE | AGENDA ITEM NUMBER |
|---------------|--------------------|
| June 17, 2014 | |

TO: Mayor Shoji and City Councilors

FROM: Jim Hossley, Public Works Director *JH*
Jennifer Wirsing, Engineering Service Coordinator

THROUGH: Rodger Craddock, City Manager *RC*

ISSUE: Purchase of New Pumps for Pump Stations 12 and 13

BACKGROUND:

Pump stations 12 and 13 are located adjacent to Ocean Boulevard and ultimately convey sanitary sewer flows to Plant 1. Pump Stations 12 and 13 were last upgraded in 1992. Per the City's 20-year takedown list, Pump Station 12 and 13 upgrades are not proposed till 2023 and 2024, respectively. Periodically these pumps are serviced and typically require new parts. In the past, the cost to service these pumps have been included on the Wastewater Capital Improvements Project (CIP) list. For fiscal year ending 2014, a total of \$23,825 was budgeted and approved.

This year, the manufacturer stated that the pumps will no longer be supported and pumps' parts cannot be obtained. The manufacturer further stated that the factory no longer has the pumps' serial numbers in their database. The City supplied the factory with the numbers and they responded that since the pumps are obsolete they are no longer supported. Due to the age of the pumps and the lack of serial numbers (by the factory), the manufacturer is not able to provide parts or even specifications if the City wanted to explore having the needed parts manufactured.

The pumps are over 20 years old have exceeded their design life. Each pump station currently has two pumps. One of the pumps is for redundancy which is a Department of Environmental Quality (DEQ) requirement. If we have only one pump and it fails, the City will violate the redundancy requirement and will be subject to potential DEQ fines. The City is requesting Council approve the purchase of four new submersible pumps. Each pump station will receive two pumps for a total cost of \$31,418. Pumptech, Inc. is the sole source for the needed Cornell Products pumps (manufacturer of the required pumps) because they have the exclusive market for this area for all Cornell Products that are sold for use in municipal water and wastewater facilities.

ADVANTAGES:

The pumps are in need of maintenance and repair. Purchase of these pumps will ensure that the pumps stations operate properly and help eliminate the potential for a sanitary sewer overflow, violations, and fines.

DISADVANTAGES:

Other than cost staff sees none.

BUDGET IMPLICATIONS:

A total of \$23,825 has been budgeted and approved for this purchase from fund 29-810-530-3004. The approval of this purchase will exceed the budgeted amount by \$7,593. The CIP for collections also included the rebuilding of pumps at Pump Station 1 (\$43,500). Since Pump Station 1 will be upgraded next summer, the City can defer this project. As such the budgeted amount for fund 29-810-530-3004 will not be exceeded.

RELATED CITY GOAL:

Infrastructure and Services: To maintain and improve the City's physical infrastructure and provide quality services for current and future citizens.

ACTION REQUESTED:

If it pleases the City Council, approve the purchase of four pumps that will serve Pump Stations 12 and 13 for the amount of \$ 31,418.