

COUNCIL ACTION FORM

SUBJECT: AWARD CONTRACT FOR NEW PUMPS AT WATER POLLUTION CONTROL PLANT

BACKGROUND:

Currently, there are 14 pumps at the Water Pollution Control Plant—six in the raw water pump station and eight in the trickling filter pump station. They are 18 years old, and all pumps are scheduled for replacement over the next five years according to the 2008-2013 Capital Improvements Plan (CIP). Two raw water pumps will be replaced in the first year of the project.

The 2008-2013 CIP includes \$180,000 for pump replacement in each of the five years of the project. The CIP planned for three pump replacements each year at \$60,000 each. The anticipated cost of the new equipment is approximately \$75,000 for each pump, higher than originally estimated. However, because of several emergency repairs to the pumps earlier this spring, only two pumps will be replaced this year, keeping the project within the current budget. Staff will then propose to adjust the future years in the CIP to reflect the new replacement schedule and updated costs. Because these new pumps are similar to the existing pumps, WPC Plant staff will install the new equipment upon arrival.

A bid alternate was provided for the NEMA Premium™ motor. These motors have essentially the same performance as standard motors, except that the efficiencies are three to eight percent higher on average. The higher efficiencies fit well with the City Council's Cool Cities vision.

Bids were received September 25, 2008 as follows:

Base Bid – Two each, vertical turbine solids-handling pump with high-efficiency motor

<u>Bidder</u>	<u>Unit Cost, \$</u>	<u>Extended Cost, \$</u>
Fairbanks Morse	78,662.00	157,324.00
Flowserve Pump Division	136,957.00	273,914.00

Bid Alternate – Two each, vertical turbine solids-handling pump with NEMA Premium™ Motor

<u>Bidder</u>	<u>Unit Cost, \$</u>	<u>Extended Cost, \$</u>
Fairbanks Morse	79,468.00	158,936.00
Flowserve Pump Division	No Bid	

ALTERNATIVES:

1. Award the bid to Fairbanks Morse of Kansas City, Kansas to purchase two vertical turbine solids-handling pumps with NEMA Premium™ motors for a total cost of \$158,936.00.
2. Award the bid to Fairbanks Morse to purchase two vertical turbine solids-handling pumps with high-efficiency motors for a total cost of \$157,324.00.
3. Do not award a contract at this time.

MANAGER'S RECOMMENDED ACTION:

The existing pumps are 18 years old and are in need of replacement to keep the Water Pollution Control Plant functioning at full capacity. The need for an orderly replacement was planned for in the Capital Improvements Plan. It is also a priority of the City to use the most cost-effective, energy-efficient technology appropriate in following with the Cool Cities initiative.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby awarding the bid to Fairbanks Morse for two vertical turbine solids-handling pumps with NEMA Premium™ efficiency motors.