

**COUNCIL ACTION FORM**

**SUBJECT: WATER POLLUTION CONTROL FACILITY MAKE-UP AIR UNIT AND HEAT RECOVERY UNITS REPLACEMENT**

**BACKGROUND:**

This project includes the replacement of four heating and ventilation units at the Water Pollution Control (WPC) Facility. This includes the following units:

- Raw Water Pump Station (RWPS) grit alley make-up air unit
- Solids Contact Building heat recovery units (2)
- Digester Complex heat recovery unit

The make-up air unit serving the RWPS grit alley is used to provide ventilation and seasonal heating to the space. The grit alley can develop a hazardous atmosphere, and the make-up air unit ensures that WPC staff can safely access the space at all times. The Solids Contact and Digester heat recovery units provide the necessary heat in the winter months to maintain an appropriate temperature for the equipment. The make-up air unit and heat recovery units were last replaced in 1996 and have reached the end of their useful lives.

The first three units are included in the 2014/15 Capital Improvements Plan (CIP) as part of the WPC Mechanical and HVAC Replacements Project at \$118,000. The fourth unit is included in the 2015/16 CIP at \$220,000.

In an effort to improve efficiency of design and to make an attractive project for bidding, staff has bundled all four units together into a single bid package. Veenstra & Kimm, Inc. (V&K) was previously awarded a contract in the amount of \$23,560 for engineering services to design all four units. V&K has provided a construction cost estimate of \$273,000. The total estimated project cost including engineering is \$296,560, which is below the total budgeted amount of \$338,000.

The design is now complete, and the work is ready for a Notice to Bidders.

**ALTERNATIVES:**

1. Grant preliminary approval to the plans and specifications and issue a Notice to Bidders, setting April 16, 2015 as the bid due date and April 28, 2015 as the date for public hearing and award.
2. Do not approve plans and specifications at this time.

**MANAGER'S RECOMMENDED ACTION:**

The Raw Water Pump Station grit alley make-up air unit and Solids Contact and Digester heat recovery units are essential to the operations and maintenance needs of the WPC Facility. Due to long lead times for equipment fabrication, it is important that this project remain on schedule to allow for replacement before the fall heating season begins.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.