

**COUNCIL ACTION FORM**

**SUBJECT: WATER POLLUTION CONTROL FACILITY  
ELECTRICAL TRANSFORMER REPLACEMENT PROJECT**

**BACKGROUND:**

The electrical transformer that serves the City's Water Pollution Control (WPC) Facility was manufactured in June of 1988 and is now almost 26 years old. The age and style of the transformer are both issues that need addressed. The current unit is a "substation" style of transformer which is very uncommon in the existing size. In the event of a catastrophic failure, a replacement unit could be difficult to locate in a short period of time. The existing unit could be rewound in the event of most failures, but the fastest rewind time is estimated to be 90 days under ideal conditions and could extend to almost a year depending on the backlog at rewind facilities.

The proposed project will install a new "pad-mounted" transformer, which is more common in the size needed. This different style of transformer would make finding a replacement much easier in the future, possibly even having one available from the City's Electric Services. The design of the new transformer will also make it safer to de-energize the plant for maintenance work in the future.

The WPC Facility will need to operate off its standby generator during the installation of the new transformer. This will necessitate detailed planning and coordination between the contractor and City staff.

This project is included in the 2013/14 Adjusted Budget as part of the CIP's WPC Electrical System Maintenance Project at \$120,500. The engineering consultant's contract has already been awarded in the amount of \$9,500. The anticipated cost for the general contractor and any possible subcontractors is \$100,000.

**ALTERNATIVES:**

1. Grant preliminary approval to the plans and specifications and issue a Notice to Bidders, setting April 10, 2014, as the bid due date and April 22, 2014, as the date for public hearing and award.
2. Do not approve plans and specifications at this time.

**MANAGER'S RECOMMENDED ACTION:**

This electrical transformer is an integral and vital component of the Water Pollution Control Facility and is necessary for the operation of the plant. It is in the City's best interest to maintain this unit in a high degree of reliability. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.