

**COUNCIL ACTION FORM**

**SUBJECT:** UNIT #7 CRANE REPAIR

**BACKGROUND:**

This project is for materials, equipment, and labor necessary for the installation of equipment related to the renovation of the Unit #7 crane. The Unit #7 crane is original equipment from the construction of Unit #7 which was built in 1967 and is used to do overhauls and repairs on the #7 turbine/generator and to hoist other plant material and equipment from the sub-basement and basement into the plant.

The crane has reached a point where it is in need of a major overhaul and modified to meet OSHA compliance. The controls no longer meet the safety standards for operation. It has been recommended to install either radio control or a pendant control for the operation and controls to be up-to-date. All the hoisting motors are recommended to be replaced with VFDs (variable frequency drives) for better control. All brake systems need to be replaced on the carriage and on the rails.

The 2013/14 CIP contains \$230,000 for this project. A recent engineer's estimate for this project, however, is \$286,000. Additional funding, if required, will be made available for carry-over from the Building Maintenance account in the FY2013/14 operating budget, since those funds will not all be spent during the current fiscal year. The Council will be asked to approve a formal amendment to the 2014/2015 budget to provide for this carry-over at the appropriate time.

**ALTERNATIVES:**

1. Approve the preliminary plans and specifications for the Unit #7 Crane Repair and set July 9, 2014, as the bid due date and July 22, 2014, as the date of public hearing and award of contract.
2. Delay the repair which could eventually render the crane unreliable and potentially create unsafe crane operation.

**MANAGER'S RECOMMENDED ACTION:**

The crane is critical plant equipment used in completing major work on the turbine/generators. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.