

COUNCIL ACTION FORM

SUBJECT: POWER PLANT 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. The crane 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 to be modified to meet OSHA compliance standards. 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 equipment to be up-to-date. All the hoisting motors are recommended to be replaced with variable frequency drives (VFDs) for better control. All brake systems also need to be replaced on the carriage and on the rails.

This contract was originally bid out in June 2014, and no bids were received. Staff learned from likely bidders that the technical specifications were not clear. Based on that information, the technical specifications were reviewed and revised, and the project is now ready to be rebid.

The 2014/15 CIP contains \$209,110 for this project. An updated engineer's estimate for this project, however, is \$302,500. Part of the crane repair is necessary to accommodate height clearance requirements for the new Control Room. Additional funding, if required, will come from savings in budgeted amounts for the Unit #7 and #8 Fuel Conversion CIP project.

ALTERNATIVES:

1. Approve the preliminary plans and specifications for the Unit #7 Crane Repair and set May 27, 2015, as the bid due date and June 9, 2015, 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.