

COUNCIL ACTION FORM

SUBJECT: POWER PLANT FIRE PROTECTION SYSTEM – GT1 COMBUSTION TURBINE

BACKGROUND:

On July 28, 2015, City Council approved preliminary plans and specifications for the GT1 Combustion Turbine - Generator Preaction Sprinkler System, Carbon Dioxide System and Fire Alarm Upgrade. This specific project is to hire a contractor to furnish all labor, materials, system layout and equipment for a fully operating fire protection system (including automatic preaction sprinkler system, carbon dioxide system, and fire alarm system) in the Gas Turbine No. 1 facility. The new system will protect all areas and be fully compliant with the applicable NFPA standards and all other codes, regulations and laws applicable to the work.

Bid documents were issued to eighteen companies. The bid was advertised on the Current Bid Opportunities section of the Purchasing webpage and a Legal Notice was published in the Ames Tribune. The bid was also sent to two plan rooms. The engineer's estimate for this project was \$400,000.

On August 26, 2015, two bids were received as shown below.

BIDDER	LUMP SUM BID PRICE
Associated Fire Protection Omaha, NE	\$145,200.00
Summit Fire Protection Urbandale, IA	\$335,136.00

Staff reviewed the bids and concluded that the apparent low bid submitted by Associated Fire Protection, Omaha, NE in the amount of \$145,200.00 (including sales tax) is acceptable.

Funding is available from the Capital Improvements Plan in the Power Plant Fire Protection System Project. There is currently \$869,526 remaining in the Final Budget Amendments from the FY14/15 budget cycle for fire suppression projects at all power generation sites. This funding will be carried over to the FY15/16 budget to cover this project.

ALTERNATIVES:

1. Award a contract to Associated Fire Protection, Omaha, NE, for the GT1 Combustion Turbine - Generator Preaction Sprinkler System, Carbon Dioxide System and Fire Alarm Upgrade in the amount of \$145,200.00.
2. Reject all bids which will delay the upgrades, which could increase the risk of extensive damage to GT1 if there is a serious fire.

MANAGER'S RECOMMENDED ACTION:

A serious fire in any one of the City's electric generation systems could force an outage. By installing a modern fire suppression system, damage due to fire can be reduced if not eliminated. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.