

ITEM # 22
DATE: 08-08-23
DEPT: Electric

COUNCIL ACTION FORM

SUBJECT: UNIT 7 BOILER FEEDWATER PUMP INSPECTION & REPAIR

BACKGROUND:

Feedwater pumps are required for operation of the Power Plant, as they are the primary pumps used to pump water through the boiler for conversion to steam to drive the turbine. From time to time, these pumps require inspection and repair. This project includes furnishing all services, equipment, materials, labor, supervision and management necessary for a contractor to disassemble the Unit #7 feedwater pump, document as-found conditions, repair or replace components, reassemble, document as-repaired conditions, and return the pump to the City.

On June 27, 2023, an Invitation to Bid (ITB) was posted to the IonWave electronic bidding site by Purchasing. On July 27, 2023, one bid was received from Superior Industrial Equipment, of Grimes, IA in the amount of \$115,876.95 (inclusive of sales tax). Staff reviewed the bid and found it to be acceptable.

The FY 2022/23 operating budget included \$120,000 in the Unit #7 Auxiliary Equipment account. This money is being carried over into FY 2023/24 to finance this project.

ALTERNATIVES:

1. Award a contract to Superior Industrial Equipment, of Grimes, IA, for 72 Boiler Feedwater Pump Inspection & Repair project at the Power Plant in the amount of \$115,876.95.
2. Reject the bid and direct staff to rebid.

CITY MANAGER'S RECOMMENDED ACTION:

This repair is crucial because boiler feed pump reliability is necessary for plant operation. The loss of a boiler feed pump would result in reduced unit capacity or unit shutdown for an extended period of time. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as stated above.