

**COUNCIL ACTION FORM**

**SUBJECT: MOTOR REPAIR CONTRACT FOR POWER PLANT– CHANGE ORDER NO. 1**

**BACKGROUND:**

The City's Power Plant has two natural gas-fired, high-pressure steam turbine electric generating units which are referred to as Units No. 7 and 8. These units require regular professional maintenance and repair. The units operate under environmental conditions with high heat and high pressure. Due to these operational conditions, numerous motors are necessary to safely and reliably operate the Power Plant. All this equipment must be professionally maintained, serviced, adjusted, repaired, and rebuilt.

On May 26, 2020, Council approved the contract renewal with Electrical Engineering and Equipment Company, Windsor Heights, Iowa, for the Motor Repair Contract for Power Plant for the one-year period from July 1, 2020, through June 30, 2021 in the amount not to exceed \$23,000.

This year there was a failure on one of the large 100hp DC motors at the RDF bin. Repair quote for this motor alone is \$26,570.24. Therefore, a Change Order is needed before repairs can be made.

**The action being requested is to approve Change Order No. 1 to the Motor Repair Contract. This change order will add an additional \$20,000 to the current contract for FY2020/21. This will bring the total contract amount to \$43,000 which will allow for the repair of this motor and provide funding for additional motor failures that might occur.**

Invoices will be based on contract rates for time and materials for services that are actually received.

**ALTERNATIVES:**

1. Approve contract Change Order No. 1 with Electrical Engineering and Equipment Company, Windsor Heights, Iowa for the Motor Repair Contract for Power Plant in the not-to-exceed amount of \$20,000. This will bring the total FY2020/21 contract value to a not-to-exceed amount of \$43,000.
2. Do not approve the change order. This action will require separate quotes for future repairs.

**CITY MANAGER'S RECOMMENDED ACTION:**

This change order is necessary to properly maintain motors and to carry out emergency and scheduled repairs resulting from equipment failures. This contract should achieve a consistent, high quality diagnosis, repair, and/or overhaul of a motor to assure the good operating condition of the equipment with minimum delay and cost.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative #1 as stated above.