

COUNCIL ACTION FORM

SUBJECT: POWER PLANT SPECIALIZED WET/DRY VACUUM, HYDRO BLAST, AND RELATED CLEANING SERVICES CONTRACT – CHANGE ORDER NO. 1

BACKGROUND:

The Power Plant's two gas-fired, high-pressure steam generation units are referred to as Units No. 7 and 8. These units require regular professional maintenance and repair. This consists of emergency service, as well as regularly scheduled planned repairs and services during scheduled outages. The cleaning and special preparation of the boiler surfaces on these generation units requires professional tradecrafts and maintenance experts. Both units operate under environmental conditions with high heat and high pressure, resulting in slag and other industrial debris coating the boiler and other plant equipment surfaces. Prior to repair and maintenance work, it is necessary to have the surfaces professionally cleaned using high-pressure water jets and vacuums.

In order to clean the surfaces, outside contractors are used who can provide mobile high pressure generator trucks with hoses and lances to cut through and wash away the industrial debris coatings. These same firms have the industrial vacuum trucks that can accumulate and contain this industrial debris for proper disposal. The goal of this contract is to meet these requirements in the most economical manner.

On May 12, 2020, City Council approved the contract renewal for FY 2020/21 for specialized wet/dry vacuum, hydroblast and related cleaning services with HTH Companies, Inc., Union, MO, to provide these services in an amount not to exceed \$145,000 (Plus \$10,150 in sales tax).

The action being requested is to approve Change Order No. 1 to the specialized wet/dry vacuum, hydroblast and related cleaning services contract. This change order will add an additional \$100,000 (plus \$7,000 in sales tax) to the current contract for FY 2020/21. This will bring the total contract amount to \$262,150 which will allow for both scheduled and emergency needs for these specialized cleaning services.

Unit 7 boiler design requires high pressure cleaning in the air heater and generating bank tubes every three months of operating at full load. This cleaning assures the gas path between the tubes and through the air heater baskets are open and not plugged from fly ash build up. **Due to the delay of Unit 8 Boiler Repair project, Unit 7 is now planned to operate as the primary unit about 8 months longer than what was budgeted. This change order will allow for the high pressure cleaning to continue during the 8 months. Additional funds authorized in this change order will not be spent unless needed.**

The approved FY2020/21 Power Plant operating budget includes \$145,000 for services to be performed under this contract. Invoices will be based on contract rates for time and materials for services actually received. The additional \$100,000 to fund this change order will come from the Unit 7 Boiler Maintenance account.

ALTERNATIVES:

1. Approve contract Change Order No. 1 to HTH Companies, Inc., Union, MO, in the amount of \$100,000 (\$7,000 sales tax). This will bring the total FY2020/21 contract value to a not-to-exceed amount of \$262,150.
2. Do not approve the change order.

CITY MANAGER'S RECOMMENDED ACTION:

This change order is necessary to ensure a qualified professional firm will respond to both scheduled and emergency repairs needs for these specialized cleaning services and will also control the costs by having established billing rates. Funds will be expended only as work is required and in accordance with approved invoices.

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