

**COUNCIL ACTION FORM**

**SUBJECT: POWER PLANT SPECIALIZED WET DRY VACUUM, HYDRO BLAST, AND RELATED CLEANING SERVICES CONTRACT**

**BACKGROUND:**

This contract is for Specialized Wet Dry Vacuum, Hydro Blast, and Related Cleaning Services for the Power Plant. 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 June 12, 2018, City Council awarded contract to HTH Companies, Union, Missouri, to provide these services from July 1, 2018 through June 30, 2019. **The contract allows the City to renew the contract for up to four additional one-year terms. The proposed renewal contract would be the first of the four optional terms.**

The bid from HTH Companies, Inc. included increases of 2% per year for labor, travel and subsistence, and for equipment and tools. The increases were considered during the original evaluation of bids. A comparison of FY 2018/2019 rates and proposed FY 2019/2020 rates is shown on Attachment 1.

Staff recommends renewal of the contract with HTH Companies, Inc. The benefits of having a contract for these services in place include the following:

- 1) Consistency of work and quality from a single contractor.
- 2) Reduction in the City's exposure to market forces regarding prices and availability for labor, travel, and supplies in preparation for a scheduled outage.
- 3) Rapid contractor mobilization to start emergency repairs, thus reducing generation downtime.

- 4) Saved City staff time obtaining quotes, evaluating bids and preparing specifications and other procurement documentation.

The approved FY2019/2020 Power Plant operating budget includes \$45,000 for services to be performed under this contract. Invoices will be based on contract rates for time and materials for services actually received.

**ALTERNATIVES:**

1.
  - a. Approve renewal of the contract for the Specialized Wet Dry Vacuum, Hydro Blast, and Related Cleaning Services contract for Power Plant to HTH Companies, Inc., Union, Missouri, for hourly rates and unit prices bid, in an amount not-to-exceed \$45,000. Invoices would be based on contract rates for time and materials for services actually received.
  - b. Approve contract and bond for the Specialized Wet Dry Vacuum, Hydro Blast, and Related Cleaning Services contract for Power Plant.
2. Reject the renewal option and purchase specialized wet/dry vacuum, hydro blast, and related cleaning services on an as-needed basis.

**MANAGER'S RECOMMENDED ACTION:**

This work is necessary to ensure that a qualified professional firm will respond to both scheduled and emergency needs for these specialized cleaning services, and will also control 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.

<b>CITY OF AMES, IOWA CONTRACT 2018-145</b>			
<b>SPECIALIZED WET DRY VACUUM, HYDRO BLAST, AND RELATED CLEANING SERVICES CONTRACT FOR POWER PLANT</b>			
<b>Contractor: HTH Companies, Inc., Union, Missouri</b>			
<b>Description</b>	<b>Unit</b>	<b>FY 2018/2019 Unit Price</b>	<b>FY 2019/2020 Unit Price</b>
<b>Wet Dry Vacuum Service:</b>			
Vac truck	Hour	\$ 90.00	\$ 91.80
Support truck	Hour	\$0.00	\$0.00
Hose	Foot	\$ 1.25	\$ 1.28
Operator/Lead service tech	Hour	\$ 40.00	\$ 40.80
Operator/Lead service tech (OT)	Hour	\$ 54.00	\$ 55.08
Service tech	Hour	\$ 33.00	\$ 33.66
Service tech (OT)	Hour	\$ 45.00	\$ 45.90
<b>Hydro Blast Service:</b>			
Hydro blast pump	Hour	\$ 137.50	\$ 140.25
Industrial hydroblaster	Hour	n/a	n/a
Support truck	Day	\$0.00	\$0.00
Operator/Lead service tech	Hour	\$ 40.00	\$ 40.80
Operator/Lead service tech (OT)	Hour	\$ 54.00	\$ 55.08
Operator/Lead service tech (OD)	Hour	\$ 54.00	\$ 55.08
Lead service tech	Hour	n/a	n/a
Service tech	Hour	\$ 33.00	\$ 33.66
Service tech (OT)	Hour	\$ 45.00	\$ 45.90
Service tech (OD)	Hour	\$ 45.00	\$ 45.90
<b>Miscellaneous:</b>			
Mobe & demobe mileage (operator)	mile	\$ 0.55	\$ 0.56
Mobe & demobe mileage (service tech)	mile	\$ 0.55	\$ 0.56
Mobe & demobe (operator)	mile	\$ 0.55	\$ 0.56
Mobe & demobe (service tech)	mile	\$ 0.55	\$ 0.56
Mobe & demobe (vac truck)	mile	\$ 2.50	\$ 2.55
Mobe & demobe (support truck)	mile	\$ 1.25	\$ 1.275
Per Diem	Day	\$ 100.00	\$ 102.00
Power washer	Day	\$ 100.00	\$ 102.00
Vacuum pipe trailer	Day	\$ 100.00	\$ 102.00
PPE kit	Each	\$0.00	\$0.00
Confined space entry	Each	\$0.00	\$0.00
Truck mounted water jet	Each	cost plus 10%	cost plus 10%
Truck wash out	Each	\$ 200.00	\$ 204.00
Liquid vacuum tanker truck	Day	cost plus 10%	cost plus 10%
Indicent spill response trailer	Day	\$ 500.00	\$ 510.00
55 gal steel op top drum	Drum	cost plus 10%	cost plus 10%
Sanitizer	Each	\$0.00	\$0.00
Waste Disposal	Drum	cost plus 10%	cost plus 10%
<b>Consumables: Cost Plus</b>		10%	10%