

**COUNCIL ACTION FORM**

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

**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 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 equipment with hoses and lances to cut through and wash away the industrial debris coatings. These same firms have the industrial vacuum equipment that can accumulate and contain this industrial debris for proper disposal. Other services under this contract include removing heavy solids in the cooling tower basins and hardened fly ash in the electrostatic precipitators as well as cleaning tubes inside multiple heat exchangers that are a part of each of the generation units. 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. The contract has the option for the City to renew in one-year increments for up to four additional years. **The period from July 1, 2022 through June 30, 2023, is the fourth of the four potential renewal periods.**

The contract's rate provision increases 2% per year for labor, travel and subsistence, and for equipment and tools. The FY 2022/23 rates are shown on Attachment 1.

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 FY 2022/23 Power Plant operating budget includes \$285,000 for cleaning services to be performed under this contract. Invoices will be based on contract rates for time and materials for services received.

**ALTERNATIVES:**

1. a. Approve contract renewal with HTH Companies, Inc. Union, Missouri, for the Specialized Wet Dry Vacuum, Hydro Blast, and Related Cleaning Services contract for Power Plant for the one-year period from July 1, 2022 through June 30, 2023 for hourly rates and unit prices bid, in an amount not-to-exceed \$285,000.  
  
b. Approve a performance bond in the amount of \$285,000.
2. Reject the renewal option and instruct staff to seek new competitive bids.

**CITY 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.



**2018-145 SPECIALIZED WET DRY VACUUM, HY  
CLEANING SERVICES CONTRACT FOR POW**

**CONTRACTOR: HTH Companies,**

DESCRIPTION	Unit	FY 2018/2019 Pricing	FY 2019/2020 Pricing	FY 2020/2021 Pricing
<b>Wet Dry Vacuum Service:</b>				
Vac truck	Hour	\$90.00	\$91.80	\$93.64
Support truck	Hour	\$0.00	\$0.00	\$0.00
Hose	Foot	\$1.25	\$1.28	\$1.30
Operator / Lead service tech	Hour	\$40.00	\$40.80	\$41.62
Operator / Lead service tech (OT)	Hour	\$54.00	\$55.08	\$56.18
Service tech	Hour	\$33.00	\$33.66	\$34.33
Service tech (OT)	Hour	\$45.00	\$45.90	\$46.82
<b>Hydro Blast Service:</b>				
Hydro blast pump	Hour	\$137.50	\$140.25	\$143.06
Industrial hydroblaster	Hour	N/A	N/A	N/A
Support truck	Day	\$0.00	\$0.00	\$0.00
Operator / Lead service tech	Hour	\$40.00	\$40.80	\$41.62
Operator / Lead service tech (OT)	Hour	\$54.00	\$55.08	\$56.18
Operator / Lead service tech (OD)	Hour	\$54.00	\$55.08	\$56.18
Lead service tech	Hour	\$54.00	\$55.08	\$56.18
Service tech	Hour	\$33.00	\$33.66	\$34.33
Service tech (OT)	Hour	\$45.00	\$45.90	\$46.82
Service tech (OD)	Hour	\$45.00	\$45.90	\$46.82
<b>Travel &amp; Subsistence:</b>				
Mobe and demobe mileage (operator)	mile	\$0.55	\$0.56	\$0.57
Mobe and demobe mileage (service tech)	mile	\$0.55	\$0.56	\$0.57
Mobe and demobe (operator)	mile	\$0.55	\$0.56	\$0.57
Mobe and demobe (service tech)	mile	\$0.55	\$0.56	\$0.57
Mobe and demobe (vac truck)	mile	\$2.50	\$2.55	\$2.60
Mobe and demobe (support truck)	mile	\$1.25	\$1.28	\$1.30
Per Diem	Day	\$75.00	\$76.50	\$78.03
<b>Miscellaneous:</b>				
Power washer	Day	\$100.00	\$102.00	\$104.04
Vacuum pipe trailer	Day	\$100.00	\$102.00	\$104.04
PPE kit	Each	\$0.00	\$0.00	\$0.00
Confined space entry	Each	\$0.00	\$0.00	\$0.00
Truck mounted water jet	Each	cost plus 10%		
Truck wash out	Each	\$200.00	\$204.00	\$208.08
Liquid vacuum tanker truck	Day	cost plus 10%		
Indicent spill response trailer	Day	\$500.00	\$510.00	\$520.20
55 gal steel open top drum	Drum	cost plus 10%		
Sanitizer	Each	\$0.00	\$0.00	\$0.00
Waste Disposal	Drum	cost plus 10%		
<b>Consumables: Cost Plus</b>		10%		

**DRO BLAST, AND RELATED  
ER PLANT BID SUMMARY**

nc Union, MO

<b>FY 2021/2022 Pricing</b>	<b>FY 2022/2023 Pricing</b>
\$95.51	\$97.42
\$0.00	\$0.00
\$1.33	\$1.35
\$42.45	\$43.30
\$57.31	\$58.45
\$35.02	\$35.72
\$47.75	\$48.71
\$145.92	\$148.83
N/A	N/A
\$0.00	\$0.00
\$42.45	\$43.30
\$57.31	\$58.45
\$57.31	\$58.45
\$57.31	\$58.45
\$35.02	\$35.72
\$47.75	\$48.71
\$47.75	\$48.71
\$0.58	\$0.60
\$0.58	\$0.60
\$0.58	\$0.60
\$0.58	\$0.60
\$2.65	\$2.71
\$1.33	\$1.35
\$79.59	\$81.18
\$106.12	\$108.24
\$106.12	\$108.24
\$0.00	\$0.00
\$0.00	\$0.00
\$212.24	\$216.49
\$530.60	\$541.22
\$0.00	\$0.00