

**COUNCIL ACTION FORM**

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

**BACKGROUND:**

On April 11, 2017, City Council approved preliminary plans and specifications for Specialized Wet Dry Vacuum, Hydro Blast, and Related Cleaning Services Contract. 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.

**This contract is to provide specialized industrial cleaning for the Power Plant for the period of July 1, 2017 through June 30, 2018. The contract includes a provision that would allow the City to renew the contract for up to four additional one-year terms.**

Bid documents were issued to twenty-three companies and two plan rooms. The bid was advertised on the Current Bid Opportunities section of the Purchasing webpage and a Legal Notice was published on the websites of a contractor plan room service with statewide circulation and the Iowa League of Cities.

**On May 11, 2017, bids were received from six companies as shown on the attached report.** Electric Services staff needs additional time to evaluate the remaining bids to determine which one will provide these services at the lowest overall price.


**ALTERNATIVES:**

1. Accept the report of bids and delay award for the FY2017/18 Specialized Wet Dry Vacuum, Hydro Blast, and Related Cleaning Services Contract.
2. Award a contract to the apparent low bid.
3. Reject all bids and direct staff to rebid.

**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.

By choosing alternative No. 1, staff will have enough time to evaluate each bid to ensure the City receives these services at the best price. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative #1 as stated above.

		2017-143 SPECIALIZED WET DRY VACUUM, HYDRO BLAST, AND RELATED CLEANING SERVICES CONTRACT FOR POWER PLANT BID SUMMARY					
		Bodine Services of Clinton, LLC Clinton, Iowa	W-S Industrial Services, Inc. Council Bluffs, Iowa	Hydro-Klean Des Moines, IA	HTH Companies, Inc Fort Dodge, IA	Clean Harbors Environmental Services, Inc Des Moines, IA	Plant Maintenance Services, L.L.C. Highland, IL
DESCRIPTION	Unit	Rate/Bid Amount	Rate/Bid Amount	Rate/Bid Amount	Rate/Bid Amount	Rate/Bid Amount	Rate/Bid Amount
<b>Wet Dry Vacuum Service:</b>							
Vac truck	Hour	\$62.42	\$85.00	\$140.00	\$110.00	\$66.00	\$99.00
Support truck	Hour	\$15.61	\$0.00	\$40.00	\$0.00	\$18.00	
Hose	Foot	\$1.30	\$2.00	\$2.00	\$0.00	\$1.50	
Operator / Lead service tech	Hour	\$37.45	\$35.00	\$70.00	\$52.50	\$40.00	\$46.00
Operator / Lead service tech (OT)	Hour	\$50.98	\$42.00	\$95.00	\$52.50	\$55.00	\$58.00
Service tech	Hour	\$27.57	\$32.00	\$65.00	\$52.50	\$32.00	\$37.00
Service tech (OT)	Hour	\$37.45	\$39.00	\$90.00	\$52.50	\$39.00	\$49.00
Vacuum Box 20 Cubic Yard	Day	\$57.22				\$55.00	
Per Diem							\$110.00 per man / per day
Additional Personnel Travel							\$50 per mile
Tractor / Trailer with Operator (mobe/demobe)							\$2.00 per mile
Straight Truck with Operator (mobe/demobe)							\$1.85 per mile
Pick-up Truck with Operator (mobe/demobe)							\$1.50 per mile
<b>Hydro Blast Service:</b>							
Hydro blast pump	Hour	\$72.83	\$120.00	n/a	\$175.00	\$156.00	
Industrial hydroblaster	Hour	\$98.84	\$90.00	\$185.00	\$175.00	Included w/ Hydro blast pump	
Support truck	Day	\$124.85	\$0.00	\$300.00	\$0.00	\$144.00	
Operator / Lead service tech	Hour	\$37.45	\$35.00	\$70.00	\$52.50	\$40.00	\$46.00
Operator / Lead service tech (OT)	Hour	\$50.98	\$42.00	\$95.00	\$52.50	\$55.00	\$58.00
Operator / Lead service tech (OD)	Hour	\$64.50	\$47.00	\$120.00	\$52.50	\$65.00	
Lead service tech	Hour	\$57.22	\$0.00	\$70.00	\$52.50	\$55.00	\$46.00
Service tech	Hour	\$27.57	\$32.00	\$65.00	\$52.50	\$32.00	\$37.00
Service tech (OT)	Hour	\$37.45	\$39.00	\$90.00	\$52.50	\$39.00	\$49.00
Service tech (OD)	Hour	\$46.82	\$44.00	\$115.00	\$52.50	\$46.00	
Hi Flow Industrial Water Blaster	Hour	\$130.05					
Stake Body/Utility Truck	Day					\$210.00	
Hydroblasting Service: Standard (100-200 hp) 10,000 psi Hydroblasting Unit (150 HP): includes 200 ft of high pressure hose, supply water hose, high pressure shotgun, standard fixed nozzles and unit consumables							\$81.00 per hour
Hydroblasting Service: Standard (300-425 hp) 10,000 psi Hydroblasting Unit (150 HP): includes 200 ft of high pressure hose, supply water hose, high pressure shotgun, standard fixed nozzles and unit consumables							\$112.50 per hour
Hydroblasting Service: Standard (300-425 hp) 20,000 psi Hydroblasting Unit (150 HP): includes 200 ft of high pressure hose, supply water hose, high pressure shotgun, standard fixed nozzles and unit consumables							\$144.00 per hour
Hydroblasting Service: High-Volume (600 hp) 10,000 psi Hydroblasting Unit (600 HP): includes 200 ft of high pressure hose, supply water hose, high pressure shotgun, standard fixed nozzles and unit consumables							\$175.50 per hour
Hydroblasting Service: High-Volume (600 hp) 20,000 psi Hydroblasting Unit (600 HP): includes 200 ft of high pressure hose, supply water hose, high pressure shotgun, standard fixed nozzles and unit consumables							\$211.50 per hour
Hydroblasting Service: High Volume (750 hp) 10,000 psi Hydroblasting Unit (750 HP): includes 200 ft of high pressure hose, supply water hose, high pressure shotgun, standard fixed nozzles and unit consumables							\$220.50 per hour
<b>Miscellaneous:</b>							
Power washer	Day	\$249.70	\$250.00	\$400.00	\$200.00	\$250.00	
Vacuum pipe trailer	Day	\$208.08	\$0.00	\$350.00	\$200.00	\$201.00	
PPE kit	Each	\$0.00	\$25.00	\$240/day	\$0.00	\$25.00	
Confined space entry	Each	\$130.05	\$0.00	\$60.00	\$0.00	\$175.00	
Truck mounted water jet	Each	\$332.93	\$85.00	\$130.00	cannot offer	\$325.00	
Truck wash out	Each	\$332.93	\$85.00	\$100.00	\$250.00	\$325.00	
Liquid vacuum tanker truck	Day	\$624.24	cost plus 25%	\$1,040.00	cannot offer	\$512.00	
Indicent spill response trailer	Day	\$208.08	cost plus 25%	\$650.00	cannot offer	\$201.00	
55 gal steel open top drum	Drum	\$73.03	cost plus 25%	\$60.00	cannot offer	\$68.00	\$35.00
Sanitizer	Each	cost plus 10%	cost plus 25%	\$60.00/gal	\$0.00	cost plus 10%	
Waste Disposal	Drum	cost plus 10%	cost plus 25%	\$150.00 (estimate)	cannot offer	cost plus 10%	
<b>Consumables: Cost Plus</b>		10%	15%	15%	10%	10%	15%
<b>Proposed price increases for renewal periods (if applicable):</b>							
Labor Rates:	Per year	1%	3%	1%	2%	2%	0%
Travel & Subsistence	Per year	1%	3%	0%	2%	2%	0%
Equipment & Tools	Per year	1%	3%	1%	0%	2%	0%
							Rates firm for two years