

**COUNCIL ACTION FORM**

**SUBJECT: BOILER TUBE SPRAY COATING AND RELATED SERVICES AND SUPPLY CONTRACT FOR POWER PLANT**

**BACKGROUND:**

This contract is for a contractor to provide and install boiler tube coating in Unit #8 at the City's Power Plant. Boiler tube coating was first applied in 2011 to the bottom 50 feet of this unit. The application to the Unit #8 tubes was applied "on site" and used a different process than was recently done to Unit #7. Unit #8 coating requires yearly maintenance to maintain its effectiveness.

**It is important to note that this section of the boiler is not being replaced through the current boiler tube replacement project in Unit #8. In that project, only the superheat section of the boiler tubes will be replaced with shop-coated tubes (a similar process to the recent Unit #7 boiler tube project). Therefore, the boiler tubes to be maintained through this contract will continue to be used following the return of Unit #8 to service later this year.**

Bid documents were issued to eight firms and three 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.

The approved FY 2019/20 Power Plant operating budget includes \$882,000 for Unit #8 Boiler Maintenance. Invoices will be based on contract rates for time and materials for services that are actually received.

**On March 11, 2020, four bids were received as shown on the attached bid tabulation. Staff needs additional time to review the bids in order to determine the best proposal.**

**ALTERNATIVES:**


1. Accept the report of bids for Boiler Tube Spray Coating and Related Services and Supply Contract and delay award to give staff time to evaluate the bids.
2. Reject all bids and direct staff to rebid.

**CITY MANAGER'S RECOMMENDED ACTION:**

This contract is needed to carry out routine and emergency boiler tube spray coating

maintenance services at the Power Plant to maintain protection to the wall tubes replaced in 2011. Failure to maintain the coating will result in increased wear and early tube deterioration. The contract will establish rates for service and provide for guaranteed availability, thereby setting in place known rates for service.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1 as stated above.

	ITB 2020-105 Boiler Tube Spray Coating and Related Services and Supply Contract Bid Summary			Brock Industrial Services Joliet, IL			GE Steam Power, Inc. Windsor, CT			Integrated Global Services, Inc. Richmond, VA		
	Whertec, Inc. Jacksonville, FL			Brock Industrial Services Joliet, IL			GE Steam Power, Inc. Windsor, CT			Integrated Global Services, Inc. Richmond, VA		
DESCRIPTION	Hourly Rate (ST)	Hourly Rate (OT)	Hourly Rate (DT)	Hourly Rate (ST)	Hourly Rate (OT)	Hourly Rate (DT)	Hourly Rate (ST)	Hourly Rate (OT)	Hourly Rate (DT)	Hourly Rate (ST)	Hourly Rate (OT)	Hourly Rate (DT)
Supervisor:	\$75.00	\$105.00	\$131.00							\$70.00		
Apprentice:										\$60.00		
Foreman:	\$61.00	\$85.00	\$107.00									
Journeyman:												
Technician:	\$51.00	\$71.00	\$89.00							\$62.00		
Safety Supervisor	\$75.00	\$105.00	\$131.00									
Quality Assurance Supervisor	\$75.00	\$105.00	\$131.00							\$67.00		
Travel Supervisor:				\$121.18	\$156.62	\$192.06						
Travel Painter:				\$103.24	\$131.82	\$160.41						
Local Painter:				\$56.84	\$73.44	\$90.05						
Brock General Foreman:				\$121.22	\$152.18	\$183.14						
Brock Traveling Carpenter:				\$101.36	\$127.45	\$153.54						
Local Carpenter:				\$65.05	\$81.43	\$97.81						
Project Management							\$157.50			\$76.00		
Shift Management							\$141.67					
Operators and QC							\$137.50					
Project Support							\$90.00					
Subsistence:	see attached T & M rate sheets			\$100.00 per day								
Travel:	see attached T & M rate sheets			\$250 per visit per person			cost + 10% (Airfare and Car Rental)			\$850 per person plus \$140 pp/day (car and per diem)		
Mileage:	see attached T & M rate sheets			N/A								

	<b>Whertec, Inc. Jacksonville, FL</b>	<b>Brock Industrial Services Joliet, IL</b>	<b>GE Steam Power, Inc. Windsor, CT</b>	<b>Integrated Global Services, Inc. Richmond, VA</b>
Shipping of Equipment and Materials:		N/A	cost + 10%	\$5,250 (equipment), \$2,625 (material), cost plus 15% (smaller shipments)
Material Costs:		cost plus 7%		
Spray Material Alloy 812:			\$71.50 per lb.	
Abrasive Material (Al2O3):			\$1,400 per ton	
Surface passivator (HCA-4OH)			\$720.00 per gallon	
IGS 5470:				\$70 per lb.
Sand (Starblast):				\$0.48 per pound
Abrasvie Media (Aluminum Oxide):				\$1.03 per pound
IGS 6003H:				\$830.00 per gallon
Safety Supplies:				\$2.40 per hour
Consumable Supplies:				\$2.40 per hour
Add iGS: ???				\$25.00 per pound
<b>MISCELLANEOUS TOOLS AND EQUIPMENT RATES:</b>				
<b>DESCRIPTION</b>	<b>Rate per U/M</b>	<b>Rate per U/M</b>	<b>Rate per U/M</b>	<b>Rate per U/M</b>
Large Air Compressor	see attached T & M rate sheets	\$400.00/per day (no fuel)	TBD	
Sandblasting Rig	see attached T & M rate sheets	\$25.00 per day	TBD	
Metal Spray Rig	see attached T & M rate sheets	\$400.00 per day	TBD	
Blast Pot Complete (each)				\$400.00 per week
Excalibur 3000 complete HVAS (each)				\$300.00 per day
<b>Proposed Price Increase for Renewal Periods:</b>				
Labor Rates:	1% per year	1% per year	Not Addressed	One-time
Travel & Subsistence:	0% per year	1% per year	Not Addressed	