

**COUNCIL ACTION FORM**

**SUBJECT: TURBINE GENERATOR MAINTENANCE, REPAIR, AND RELATED SERVICES CONTRACT**

**BACKGROUND:**

On April 28, 2015, City Council approved preliminary plans and specifications for the Turbine Generator Maintenance, Repair, and Related Services Contract. This contract is for a contractor to provide turbine maintenance services to the two steam turbine generators at the Power Plant on an as-needed basis. Applicable work on this contract would include bearing replacement and hydrogen leaks.

**This contract is to provide turbine generator maintenance services for the period from July 1, 2015 through June 30, 2016.** 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 sixteen companies. The bid was advertised on the Current Bid Opportunities section of the Purchasing webpage and a Legal Notice was published in the Ames Tribune. The bid was also sent to one plan room.

On May 27, 2015, bids were received from three companies as shown on the attached report.


**ALTERNATIVES:**

1. Reject all three bids received for the Turbine Generator Maintenance, Repair and Related Services Contract and direct staff to procure these services on an as-needed basis.
2. Award contract to apparent low bidder.

**MANAGER'S RECOMMENDED ACTION:**

The goal was to have a service's contract in place to perform turbine generator work at the same time the conversion is to take place this fall. The necessary work is now being accomplished within the coal to natural gas conversion project, making the need for this contract unnecessary at this time. Staff will plan rebid for these services in 2016.

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

	ITB 2015-210 Turbine Generator Maintenance, Repair and Related Services Contract Bid Summary								
	HPI Houston, TX			Mechanical Dynamics & Analysis, Ltd. Latham, NY			Reliable Turbine Services, Inc. Sullivan, MO		
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)
Superintendent:				\$120.50	\$180.75	\$180.75			
Technical Director	\$105.00	\$157.50	\$210.00						
Project Manager	\$90.00	\$135.00	\$180.00				\$150.00	\$225.00	\$300.00
Supervisor:	\$68.30	\$102.45	\$136.60				\$80.00	\$120.00	\$160.00
Foreman:	\$53.00	\$79.50	\$106.00	\$59.00	\$88.50	\$88.60			
Millwright Working Foreman							\$55.00	\$82.50	\$110.00
Millwright "A"							\$51.00	\$76.50	\$102.00
Millwright "B"							\$47.00	\$70.50	\$94.00
Lead Repair Technician:							\$91.00	\$114.00	\$142.00
Repair Technician:							\$88.00	\$110.00	\$140.00
Turbine Mechanic	\$45.00	\$67.50	\$90.00	\$52.00	\$78.00	\$78.00			
Subsistence:	\$175.00 per day								
Superintendent Travel Time:				S.T. capped at 8 hrs max each way					
Superintendent Travel Expenses:				Cost + 10%					
Superintendent Per Diem (7-day per week basis):				\$250.00 per day					
Craft Travel Expenses				\$550.00 each way					
Craft Per Diem (7-day week basis)				\$152.00 per day					
Mechanic Travel:	\$ .60 per mile								
Supervision Travel:	\$ .75 per mile								
Supervision Travel:	\$ straight time rate per hour								
Tool Transportation / Shipping and Freight				Cost + 17%					
Material Costs:	Cost + 15%			Cost + 17%			Cost + 15%		
Purchased / Subcontracted Parts and Services				Cost + 17%					
Consumables Costs	\$1.50/man hour								
Field Engineer, Technical Field Adviser, Generator Specialist				\$225.00 (ST)	\$337.50 (DT)				
PM, Steampath Engineering Supervision				\$245.00 (ST)	\$368.00 (DT)				
Eng. Consultant, Specialty Field Engineer				\$306.00 (ST)	\$459.00 (DT)				
Principal Engineer				\$350.00 (ST)	\$525.00 (DT)				
Steampath Spec., Lead Seal Technician, CAD Designer, Reverse Engineering Technician				\$184.00 (ST)	\$276.00 (DT)				
Steampath Work Leader				\$162.00 (ST)	\$243.00 (DT)				
Steampath Technician				\$142.00 (ST)	\$355.00 (DT)				
Generator Technician				\$178.00 (ST)	\$267.00 (DT)				
Turbine Tool Container (Major Inspection Kit)				\$1,150.00 (Daily)	\$6,900.00 (Weekly)				
Turbine Tool Container (Minor Inspection Kit)				\$550.00 (Daily)	\$3,300.00 (Weekly)				
Purchased/Subcontracted Parts and Services				Cost + 17%					
Steampath Consumables				\$12.00/person/hour					



	HPI Houston, TX	Mechanical Dynamics & Analysis, Ltd. Latham, NY		Reliable Turbine Services, Inc. Sullivan, MO	
Turbobalancer		\$280.00 (Daily)	\$1,680.00 (Weekly)		
Per Diem		\$250.00/person			
Travel Expenses		Cost + 10%			
Personal Vehicle (to and from worksite)		IRS Standard Rate + 10%			
Turbine Tool Unit	\$400/day				
Various rental equip. or items required	Cost + 15%				
Subcontractors	Cost + 15%				
Tool Transportation costs	Cost + 15%				
Parts and component acquisition	Cost + 15%				
Local truck use (1 per shift)	\$75.00/day				
Daily vehicle mileage (40/miles/day/truck)	\$.75/mile				
Project Manager (Substance & Travel Expenses)				\$245.00 (substance)	Cost Plus 15% (Travel each way) \$ .65 (Mileage per mile)
Craft Labor Supervisor (Substance & Travel Expenses)				\$160.00 (substance)	\$1,200.00 (Travel each way) N/A
Millwright Working Foreman (Substance & Travel Expenses)				\$160.00 (substance)	\$1,200.00 (Travel each way) N/A
Millwright "A" (Substance & Travel Expenses)				\$160.00 (substance)	\$1,200.00 (Travel each way) N/A
Millwright "B" (Substance & Travel Expenses)				\$160.00 (substance)	\$1,200.00 (Travel each way) N/A
Lead Repair Technician (Substance & Travel Expenses)				\$245.00 (substance)	Cost Plus 15% (Travel each way) \$ .65 (Mileage per mile)
Repair Technician (Substance & Travel Expenses)				\$245.00 (substance)	Cost Plus 15% (Travel each way) \$ .65 (Mileage per mile)
<b>Proposed Price Increase for Renewal Periods:</b>					
Labor Rates:	1% per year	3% per year		2% per year	
Travel & Subsistence:	1% per year	3% per year		2% per year	