ITEM # \_\_<u>15</u> DATE: 08-11-20

## **COUNCIL ACTION FORM**

# SUBJECT: POWER PLANT MAINTENANCE SERVICES CONTRACT

### **BACKGROUND**:

On March 10, 2020, City Council approved preliminary plans and specifications for the Power Plant Maintenance Services Contract. The Electric Utility has two gas-fired, high-pressure steam generation units within the City's Power Plant, referred to as Units No. 7 and 8. These units require regular professional maintenance and repair. This consists of both emergency and planned repairs and service. Services include a variety of boiler maintenance and repairs, structural steel, pump and piping work, and other miscellaneous mechanical Power Plant work.

The repair of the equipment on these generation units requires professional trade crafts such as laborers, millwrights, and steam/pipe fitters.

This contract is to provide power plant maintenance services for the period following final City Council approval of contract and performance bond through June 30, 2021. 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 thirty-six companies 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 lowa League of Cities.

On May 13, 2020, bids were received from six companies as shown on the attached bid summary. At the May 26, 2020, City Council meeting bids were reported.

The second attachment shows a cost evaluation of the two apparent lowest bidders. The evaluation is based on a sampling of personnel and associated travel/subsistence that the Power Plant requires for successful fulfillment of a typical work scenario performed on this service contract over a ten-day period.

Staff reviewed the bids and concluded, based on the time and material rates submitted, that the apparent low bid submitted by Anderson Process & Instrumentation Solutions, LLC., Marshalltown, IA, in the not-to-exceed amount of \$125,000 is the lowest bid and is acceptable.

As there are provisions that would allow the City to renew the contract up to four additional one-year terms, staff did consider future year cost increases. Unfortunately, it was not possible to get an accurate comparison because some of the bidders claimed

that future labor rates were subject to future union negotiations. Staff will know the new labor rates prior to renewing the contract each year. If the labor rates seem excessive, staff will not recommend renewal and instead will re-bid for the services.

Staff recommends that these services continue to be outsourced on an annual renewable contract basis. 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 FY2020/21 Power Plant operating budget for Electric Production includes \$125,000 for this contract. Invoices will be based on contract rates for time and materials for services actually received.

# **ALTERNATIVES:**

1. Award a contract for the FY 2020/21 Power Plant Maintenance Services Contract to Anderson Process & Instrumentation Solutions, LLC., Marshalltown, IA, for hourly rates and unit prices bid, in an amount not-to-exceed \$125,000.

The contract includes a provision that would allow the City to renew the contract for up to four additional one-year terms at stated rates.

- 2. Award a contract to one of the other bidders.
- 3. Reject all bids and direct staff to purchase these services on an as-needed basis.

#### **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 Power Plant repair and maintenance 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 No. 1.

Ames"		2018-168	Power Plan	nt Maintenand	ce Services	Contract Bio	d Summary		
LABOR									
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	RMAKER	Hourly Rate	Hourly Rate	Hourly Rate (DT)	Hourly Rate	Hourly Rate (OT)	Hourly Rate (DT)		
Day	Journeyman								
	Foreman								
	General Foreman								
NIC. L.	Superintendent								
Night	Journeyman								
	Foreman								
	General Foreman								
	Superintendent								
BRICKL		Hourly Rate	Hourly Rate	Hourly Rate (DT)	Hourly Rate	Hourly Rate (OT)	Hourly Rate (DT)		
Day	Journeyman								
	Foreman								
	General Foreman								
	Superintendent								
Night	Journeyman								
	Foreman								
	General Foreman								
	Superintendent								
LABOR		Hourly Rate	Hourly Rate	Hourly Rate (DT)	Hourly Rate	Hourly Rate (OT)	Hourly Rate (DT)		
Day	Journeyman	•			,	,,	, , , , , ,		
	Foreman								
	General Foreman					<u> </u>	<u> </u>		
	Superintendent								
Night	Journeyman								
Nigili	Foreman								
	General Foreman								
	Superintendent								
MILLWR		Hourly Rate	Hourly Rate	Hourly Rate (DT)	Hourly Rate	Hourly Rate (OT)	Hourly Rate (DT)		
Day	Journeyman								
	Foreman								
	General Foreman								
	Superintendent								
Night	Journeyman								
	Foreman								
	General Foreman								
	Superintendent								
STEAME	FITTER	Hourly Rate	Hourly Rate	Hourly Rate (DT)	Hourly Rate	Hourly Rate (OT)	Hourly Rate (DT)		
Day	Journeyman	riourly Ruto	Tiouriy Italo	riourly Ruto (D1)	riourly reaco	mounty reaco (01)	riourly Ruto (D1)		
,	Foreman								
	General Foreman								
	Superintendent								
Night	Journeyman								
Nigit	Foreman								
	General Foreman								
	Superintendent					<u>_</u>	L		
Descrip			Rate			Rate			
Subsist									
Supervis	sors	\$		per day	\$ per		er day		
Craft		\$		per day	\$_	p	er day		
	& Mileage	-		, ,			,		
	_	•			_				
Supervisor travel		\$	per _		\$	per			
Supervisor mileage		\$ per		\$ per					
Craft travel									
Craft mi									
Deliveri	ICO			1					
Travel		\$ per			\$ per				
Mileage		\$ per			\$ per				
MISC.		<b>*</b>	Poi		Ψ	PVI			
	4ia u		D-/			D-(			
Descrip			Rate			Rate			
Safety supplies &		Co	ost +	%	Cost +%				
equipme									
Miscella	neous materials &			0/		`oot I	0/		
consum	ables		ost +		۱	Cost +	70		
	ed Price Increase f	or Renewal Peri	ods		1				
•						01			
ı ravel 8	& Subsistence		% per			% per			
Equip-	ont 9 Tools		0/ ===		2/				
Equipment & Tools			% per			% per			
					<u> </u>				

^	omes		20	020-106	Power	Plant N	laintena	nce Serv	vices Cor	ntract Bid S	umma	ry			
Ames		TEI Construction Services, Inc. Duncan, SC			Plibrico Company, LLC, Omaha, NE		Capital City Boiler & Machine Works, Inc Des Moines, IA			Weitz Industrial, LLC Cedar Rapids, IA					
		Hourly Rate	Hourly Rate	Hourly Pate	Hourly Rate	Hourly Pate	Hourly Rate	Hourly Rate	Hourly Rate	I	Hourly	Hourly Rate	Hourly Rate		
LABOR	ER	(ST)	(OT)	(DT)	(ST)	(OT)	(DT)	(ST)	(OT)	Hourly Rate (DT)	Rate (ST)	(OT)	(DT)		
Day	Journeyman	\$43.64	\$65.34	\$65.34	\$45.98	\$61.06	\$76.14	\$75.00	\$100.00	\$135.00	\$51.38	\$68.49	\$85.59		
	Foreman General	\$61.92 \$94.36	\$94.04 \$136.04	\$94.04 \$136.04	\$47.48 \$48.23	\$63.24 \$64.32	\$78.99 \$80.42	\$75.00 \$75.00	\$100.00 \$100.00	\$135.00 \$135.00	\$52.75 \$54.12	\$70.50 \$72.51	\$88.25 \$90.91		
	Superintendent	\$105.02	\$152.78	\$152.78	NA	NA	NA	\$75.00	\$100.00	\$135.00	\$71.07	\$92.66	\$117.49		
Night	Journeyman	\$43.64	\$65.34	\$65.34	\$45.98	\$61.06	\$76.14	\$75.00	\$100.00	\$135.00	\$51.38	\$68.49	\$85.59		
	Foreman	NA NA	NA NA	NA NA	\$47.48 \$48.23	\$63.24	\$78.99	\$75.00	\$100.00	\$135.00	\$52.75	\$70.50 \$72.51	\$88.25 \$90.91		
	General Superintendent	NA NA	NA NA	NA NA	\$48.23 NA	\$64.32 NA	\$80.42 NA	\$75.00 \$75.00	\$100.00 \$100.00	\$135.00 \$135.00	\$54.12 \$71.07	\$92.66	\$117.49		
	NOTE:	101				eption A for n		ψ/ 0.00	\$100.00	\$100.00		- 6.5 hrs of wo			
MILLWRIGHT				Hourly Rate Hourly Rate Hourly Rate		Hourly Rate Hourly Rate (DT)		Hourly Rate Hourly Ra		Hourly Rate					
		(ST)	(OT)	(DT)	(ST)	(OT)	(DT)	(ST)	(OT)	, , ,	Rate (ST)	(OT)	(DT)		
Day	Journeyman	\$57.35 \$61.92	\$86.87 \$94.04	\$86.87 \$94.04	\$65.57 \$67.05	\$86.05 \$88.20	\$106.52 \$109.35	\$85.00 \$85.00	\$110.00 \$110.00	\$145.00 \$145.00	\$60.30 \$62.98	\$79.74 \$83.71	\$99.17 \$104.43		
	Foreman General	\$94.36	\$136.04	\$136.04	\$70.01	\$92.51	\$115.01	\$85.00	\$110.00	\$145.00	\$64.32	\$85.69	\$104.43		
	Superintendent	\$105.02	\$152.78	\$152.78	NA	NA	NA	\$85.00	\$110.00	\$145.00	\$91.86	\$117.66	\$146.94		
Night	Journeyman	\$57.35	\$86.87	\$86.87	\$65.57	\$86.05	\$106.52	\$85.00	\$110.00	\$145.00	\$63.28	\$84.17	\$105.05		
	Foreman	\$61.92 \$94.36	\$94.04 \$136.04	\$94.04 \$136.04	\$67.05 \$70.01	\$88.20	\$109.35 \$115.01	\$85.00	\$110.00 \$110.00	\$145.00 \$145.00	\$65.97 \$67.31	\$88.14 \$90.12	\$110.31 \$112.94		
	General Superintendent			\$136.04	\$70.01	\$92.51	\$115.01	\$85.00	\$110.00	\$145.00					
	NOTE:	\$105.02	\$152.78	\$152.78	NA See Exc	NA eption C for r	NA night shift	\$85.00	\$110.00	\$145.00	\$94.85	\$122.09	\$152.81		
	NOTE.	Usual 5									L				
STEAMF	TITTER	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)		
Day	Journeyman	\$57.35	\$86.87	\$86.87	\$76.95	\$109.41	\$141.83	\$85.00	\$110.00	\$145.00	\$75.16	\$99.89	\$124.73		
	Foreman General	\$61.92 \$94.36	\$94.04 \$136.04	\$94.04 \$136.04	\$85.22 \$87.98	\$121.49 \$125.52	\$157.74 \$163.04	\$85.00 \$85.00	\$110.00 \$110.00	\$145.00 \$145.00	\$79.19 \$81.77	\$106.01 \$109.83	\$132.83 \$137.90		
	Superintendent	\$94.36 \$105.02	\$136.04 \$152.78	\$136.04 \$152.78	\$87.98 NA	\$125.52 NA	\$163.04 NA	\$85.00 \$85.00	\$110.00	\$145.00 \$145.00	\$81.77	\$109.83	\$137.90 \$159.89		
Night	Journeyman	\$57.35	\$86.87	\$86.87	\$85.21	\$121.47	\$157.71	\$85.00	\$110.00	\$145.00	\$80.16	\$107.48	\$134.80		
•	Foreman	\$61.92	\$94.04	\$94.04	\$94.73	\$135.38	\$176.01	\$85.00	\$110.00	\$145.00	\$84.70	\$114.20	\$143.71		
	General	\$94.36	\$136.04	\$136.04	\$97.91	\$140.03	\$182.14	\$85.00	\$110.00	\$145.00	\$87.53	\$118.40	\$149.27		
	Superintendent NOTE:	\$105.02	\$152.78	\$152.78	NA	NA	NA	\$85.00	\$110.00	\$145.00	\$103.61	\$136.65	\$173.46		
PIPEFIT	TER	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)		
Day	lournoumon	\$57.35	\$86.87	\$86.87	\$76.95	\$109.41	\$141.83	\$85.00	\$110.00	\$145.00	\$75.16	\$99.89	\$124.73		
Day	Journeyman Foreman	\$61.92	\$94.04	\$94.04	\$85.22	\$109.41	\$157.74	\$85.00	\$110.00	\$145.00	\$79.19	\$106.01	\$132.83		
	General	\$94.36	\$136.04	\$136.04	\$87.98	\$125.52	\$163.04	\$85.00	\$110.00	\$145.00	\$81.77	\$109.83	\$137.90		
Night	Superintendent	\$105.02	\$152.78	\$152.78	NA	NA	NA	\$85.00	\$110.00	\$145.00	\$96.74	\$126.44	\$159.89		
	Journeyman	\$57.35	\$86.87	\$86.87	\$85.21	\$121.47	\$157.71	\$85.00	\$110.00	\$145.00	\$80.16	\$107.48	\$134.80		
	Foreman General	\$61.92 \$94.36	\$94.04 \$136.04	\$94.04 \$136.04	\$94.73 \$97.91	\$135.38 \$140.03	\$176.01 \$182.14	\$85.00 \$85.00	\$110.00 \$110.00	\$145.00 \$145.00	\$84.70 \$87.53	\$114.20 \$118.40	\$143.71 \$149.27		
	Superintendent	\$105.02	\$136.04	\$152.78	\$97.91 NA	NA	\$182.14 NA	\$85.00	\$110.00	\$145.00 \$145.00	\$103.61	\$136.65	\$173.46		
	NOTE:														
	L & SUBSISTENCE										-				
Descrip			Rate			Rate			Rate			Rate			
Subsist		\$140 (and 0	GF) TEiC pays fo	r 7 davs per				I				*****			
Supervisors		week			\$125.00 \$100.00			\$125.00							
Craft		\$120 (all others except laborers do not get any and TEiC pays for 7 days per week)				\$75.00		\$100.00 \$125.			\$125.00				
Travel (	& Mileage	<u> </u>			<u> </u>			<u> </u>			<u> </u>				
Supervisor travel		see attached T&M labor rate sheet			JOUF	JOURNEYMAN ST RATE \$85.00				\$55.00					
Supervisor mileage		\$.56 per mile for 1 round trip each job, from home to Ames			\$.75 per mile		\$1.00 per mile			no milage chg, truck cost will be billed per the attached and fuel usage will be					
Craft travel		see attached T&M labor rate sheet			ONLY IF APPLICABLE AT CRAFT JOURNEYMAN RATE		\$75.00			billed at cost plus fee \$45.00 per hour if over 90 miles away					
Craft mileage		\$.56 per mile for 1 round trip each job, from home to Ames (laborers do not receive any)			If local (within 50 miles) no travel or milage, uless requested to haul equipment or tools in their personal vehicle		\$1.00 per mile		no milage chg, truck cost will be billed per the attached and fuel usage will be billed at cost plus fee						
Deliveri	es				<u> </u>	venicie		<u> </u>			<u> </u>				
Travel		RENTAL	RATE + GAS R	RECEIPT	LABORE	R JOURNEYN	IAN RATE		\$75.00	<u> </u>		\$69.00			
Mileage		\$1.50 per mile for 1 round trip per job (small tool trailer)			\$1.00 per mile		\$1.00		no chg, included in travel rate						
MISC.															
Description		Rate				Rate		Rate			Rate				
Safety supplies & equipment		COST + 10%				COST + 10%		COST +1 5%			COST + 10%				
equipme	Miscellaneous materials & consumables		COST + 10%			COST + 10%		COST + 20%			COST + 10%				
equipme Miscella							based on Craft contracts		5% RENEWAL PER YEAR				3% RENEWAL PER YEAR		
equipme Miscella consuma Labor	ables		NA												
equipme Miscella consuma Labor Travel 8			NA ENEWAL PER Y		0% RI	ed on Craft con	YEAR	0%	6 RENEWAL PE	R YEAR	0%	RENEWAL PERENEWAL PERENEWAR PERENEWA	R YEAR		

API Solut	ions Mars	S.T. Cotter Turbine Services, Inc. Clearwater, MN			
Harrie Bata	Harris Barr		Hourly	Hourly	Hourly
Hourly Rate (ST)	Hourly Rate (OT)	Hourly Rate (DT)	Rate	Rate	Rate
\$42.00	\$55.00	\$69.00	(ST)	(OT)	(DT)
Ψ+2.00	Ψ00.00	ψ03.00			
\$46.20	\$60.50	\$75.90			
ψ 10.20	φου.σσ	ψ10.00			
			Hourly	Hourly	Hourly
Hourly Rate	Hourly Rate	Hourly	Rate	Rate	Rate
(ST)	(OT)	Rate (DT)	(ST)	(OT)	(DT)
\$75.00 \$80.00	\$110.00 \$115.00	\$140.00 \$145.00	\$87.64 \$91.18	\$115.28 \$120.54	\$142.93 \$149.90
ψ00.00	ψ110.00	ψ140.00	\$93.66	\$124.22	\$154.78
			\$178.25	\$267.38	\$356.50
\$78.50 \$84.00	\$115.00 \$121.00	\$147.00 \$152.00	\$88.35 \$91.89	\$116.33 \$121.59	\$144.32 \$151.29
ψ04.00	ψ121.00	ψ132.00	\$94.37	\$125.27	\$156.17
			\$178.25	\$267.38	\$356.50
	1				
House Date	Hourly Rate	Harrie	Hourly	Hourly	Hourly
Hourly Rate (ST)	(OT)	Hourly Rate (DT)	Rate	Rate	Rate
\$75.00	\$110.00	\$140.00	(ST)	(OT)	(DT)
\$80.00	\$115.00	\$145.00			
\$78.50	\$115.00	\$147.00			
\$84.00	\$121.00	\$152.00			
Hourly Rate	Hourly Rate	Hourly	Hourly Rate	Hourly Rate	Hourly Rate
(ST)	(OT)	Rate (DT)	(ST)	(OT)	(DT)
\$75.00	\$110.00	\$140.00			
\$80.00	\$115.00	\$145.00			
\$78.50	\$115.00	\$147.00			
\$84.00	\$121.00	\$152.00			
		Ψ.οΣ.οο			
		ψ102.00			
		ψ102.00			
		ψ10Z.00			
	Rate	\$10Z.00		Rate	
	Rate	<b>VIOLIGO</b>		Rate	
	Rate \$0.00	<b>VIOLIGO</b>		Rate \$187.00	
	\$0.00			\$187.00	
Solve	\$0.00 \$0.00			\$187.00 \$170.00	
\$0 for	\$0.00			\$187.00	
	\$0.00 \$0.00	er day		\$187.00 \$170.00 \$178.20	
\$0.80 per	\$0.00 \$0.00 1 trip to site pe	er day		\$187.00 \$170.00	
\$0.80 per	\$0.00 \$0.00  1 trip to site per mile 1/2 ton tedditional rider	ar day		\$187.00 \$170.00 \$178.20	
\$0.80 per	\$0.00 \$0.00	ar day		\$187.00 \$170.00 \$178.20 \$57.70	
\$0.80 per 6 \$0 for	\$0.00 \$0.00  1 trip to site per mile 1/2 ton tedditional rider	er day ruck and	000	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64	sile.
\$0.80 per \$0 for \$1.00 per	\$0.00 \$0.00  1 trip to site pormile 1/2 ton tydditional rider	er day ruck and er day ruck and	\$5	\$187.00 \$170.00 \$178.20 \$57.70	iile
\$0.80 per \$0 for \$1.00 per	\$0.00 \$0.00  1 trip to site per mile 1/2 ton tedditional rider 1 trip to site per mile 3/4 ton temperature.	er day ruck and er day ruck and	\$55	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64	iile
\$0.80 per \$0 for \$1.00 per	\$0.00  \$0.00  1 trip to site purmile 1/2 ton toditional rider	er day ruck and er day	\$5	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64	iile
\$0.80 per \$0 for \$1.00 per	\$0.00 \$0.00  1 trip to site per mile 1/2 ton tedditional rider 1 trip to site per mile 3/4 ton temperature.	er day ruck and er day	\$5	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64	iile
\$0.80 per s \$0.80 per s \$0.80 for \$1.00 per s \$1.00 per m	\$0.00  \$0.00  1 trip to site pure mile 1/2 ton to additional rider to additional rider mile 3/4 ton to additional rider per above (house pick-up tru).	er day ruck and er day ruck and urty) ck and add	\$5	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64	iile
\$0.80 per s \$0.80 per s \$0.80 for \$1.00 per s \$1.00 per m	\$0.00  \$0.00  1 trip to site purmile 1/2 ton tridditional rider mile 3/4 ton tridditional rider	er day ruck and er day ruck and urty) ck and add	\$5	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m	nile
\$0.80 per s \$0.80 per s \$0.80 for \$1.00 per s \$1.00 per m	\$0.00  \$0.00  1 trip to site pure mile 1/2 ton to additional rider to additional rider mile 3/4 ton to additional rider per above (house pick-up tru).	er day ruck and er day ruck and urty) ck and add	\$5	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m	nile
\$0.80 per s \$0.80 per s \$0.80 for \$1.00 per s \$1.00 per m	\$0.00  \$0.00  1 trip to site purmile 1/2 ton toditional rider 1 trip to site purmile 3/4 ton toditional rider per above (hould be per above)	er day ruck and er day ruck and urty) ck and add		\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m	
\$0.80 per s \$0 for \$1.00 per s \$1.00 per m	\$0.00  \$0.00  1 trip to site purmile 1/2 ton todditional rider  mile 3/4 ton todditional rider  mile jick-up tru per mile for to  Rate  COST + 5%	er day ruck and er day ruck and urty) ck and add	C	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m \$87.64 \$3.55 Rate	%
\$0.80 per # \$1.00	\$0.00  \$0.00  1 trip to site purmile 1/2 ton todditional rider 1 trip to site purmile 3/4 ton todditional rider per above (hould be pick-up truper mile for to Rate	er day ruck and er day ruck and urty) ck and add	C	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m \$87.64 \$3.55	%
\$0.80 per # \$1.00	\$0.00  \$0.00  1 trip to site purmile 1/2 ton todditional rider  mile 3/4 ton todditional rider  mile jick-up tru per mile for to  Rate  COST + 5%	er day ruck and er day ruck and urly) ck and add ailer	C	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m \$87.64 \$3.55 Rate	%
\$0.80 per # \$1.00	\$0.00  \$0.00  1 trip to site purmile 1/2 ton toditional rider 1 trip to site purmile 3/4 ton toditional rider per above (hould be side)  Rate COST + 5%  NEWAL PER	er day ruck and er day ruck and urly) ck and add ailer	C C C 3% REN	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m \$87.64 \$3.55 Rate COST + 10' COST + 10' EWAL PE	% % R YEAR
\$0.80 per 2 \$0 for \$1.00 per 2 \$1.00 per 3	\$0.00  \$0.00  1 trip to site purified in the properties of the pro	er day ruck and er day ruck and urly) ck and add ailer	C C C 3% REN	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m \$87.64 \$3.55  Rate COST + 100 COST + 100	% % R YEAR
\$0.80 per # \$1.00	\$0.00  \$0.00  1 trip to site purmile 1/2 ton toditional rider 1 trip to site purmile 3/4 ton toditional rider per above (hould be side)  Rate COST + 5%  NEWAL PER	er day ruck and er day ruck and urly) kk and add YEAR	C C C 3% REN 3% REN	\$187.00 \$170.00 \$178.20 \$57.70 \$87.64 7.70 per m \$87.64 \$3.55 Rate COST + 10' COST + 10' EWAL PE	%  R YEAR  R YEAR



# **Example Work Scenario for Power Plant Maintenance Services**

Description	TEI Construction Services, Inc.	API Solutions		
Description	Duncan, SC	Marshalltown, IA		
Labor:	\$48,273.20	\$47,620.00		
Subsistence:	\$1,720.00	\$0.00		
Travel:	\$4,059.20	\$252.00		
Mileage:	\$1,650.00	\$1,625.00		
Total:	\$55,702.40	\$49,497.00		

The scenario was based on project to take about 2 weeks, 10 hr days, no weekend. Includes 1 foreman, 2 millrights, 6 laborers