

COUNCIL ACTION FORM

SUBJECT: AWARD OF CONTRACT RENEWAL FOR POWER QUALITY ELECTRIC METERS FOR ELECTRIC SERVICES

BACKGROUND:

This contract renewal is for the purchase of residential power quality meters to meet the annual needs of the Electric Services Department. The term of this contract will be from August 1, 2011 through July 31, 2012. This is the final renewal option for this contract.

These meters are standard Electric Services Department Technical Services Division items. The approved FY 2011/2012 budget includes \$183,738 for the purchase of electric meters.

Twelve bids were sent out and only one response for power quality meters was received on July 9, 2009. For evaluation purposes, the bid received was calculated using estimated needs for the coming fiscal year, however the actual cost will be based on quantities received and unit prices bid, but will not exceed available funding. This is the second renewal of the contract for power quality meters and Fletcher Reinhardt's original bid included a 5% increase for the 2011/2012 renewal period.

The Technical Services Supervisor has reviewed the bids and determined that the bids submitted by Fletcher Reinhardt Company meet the needs of the Electrical Services Department.

ALTERNATIVES:

1. The City Council can award a contract for the purchase of power quality socket type electric meters to Fletcher Reinhardt Company, Cedar Rapids, Iowa in accordance with unit prices bid, not to exceed \$183,738. Actual costs incurred under the contract will depend upon number of units purchased at the per unit price of \$3,434.84.
2. Reject all bids and purchase meters on an as needed basis.

MANAGER'S RECOMMENDED ACTION:

This purchase will provide for the annual needs of the Electric Services Department for power quality socket type electric meters. The City will be billed only for meters actually purchased.

Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, thereby approving the award of contract to Fletcher Reinhardt, Cedar Rapids, Iowa in accordance with unit prices bid, plus applicable sales taxes, at a cost not to exceed \$183,738.

Contract 2009-244
Fletcher Reinhardt Company
For the period August 1, 2011 – July 31, 2012

Item	EST QTY	UNIT	DESCRIPTION	UNIT PRICE
1	6	EA	<p>Power Quality Socket Type Electric Meter</p> <ul style="list-style-type: none"> • Form 9S 60 Hz • AC line, 85 to 330 Vac; Starting amps 0.004 amps or less, Internal Meter Diagnostics, LCD operational from -20 to +70 C° • Must be able to display KWh, KW and PF (at max KW), Preferably on one screen • Minimum 4 input pulses and 4 output pulses (8 total) • Programmable Transformer and Line Loss compensation • Harmonic distortion • High Speed DSP Data except on pulse inputs • Accuracy 0.1% or greater • (2) RS232 ports; (2) RS232/RS485 software configurable ports, IRIG-B port. • Current loop port, optical port, modems, Ethernet port, under glass. • Call originate capability from internal modem, minimum 56K baud • DNP 3.0 level 2 and modbus protocols on board. • Communication Ports assignable via software. • 255 Standard Sag & Swell; Waveform, RMS & harmonic capture (Voltage and Current) • Multi-level sags and swells, & Sag & Swell Analysis • IEEE-519 Harmonic Monitoring with reporting by exception • (3) Levels of voltages with current CBEMA/ITIC reporting; • SEMI-47 - Harmonics Analysis; IEEE-519 Harmonic Monitoring with reporting by exception • Waveform sample rate minimum of 255 samples per cycle per voltage phase and current phase. • Programming and analytical software to be supplied • Mating cables not required <p>Manufacturer: Landis & Gyr Cat # 8A0027B1-0000</p>	\$ 3,434.84
			Warranty: 1 yr from date of shipment Delivery Time: 9-10 weeks	