

City of Fayetteville Staff Review Form

2019-0177

Legistar File ID

4/2/2019

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Tim Nyander

3/11/2019

WASTEWATER TREATMENT (730)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends replacement of the emergency back-up generator for the Futrall Drive lift station (LS#10) with Riggs-CAT in the amount of \$26,965.00 plus applicable taxes.

Budget Impact:

5400.730.5800-5801.00		Water and Sewer	
Account Number		Fund	
02068.1		Upgrade/Replace Lift Stations - WWTP	
Project Number		Project Title	
Budgeted Item?	Yes	Current Budget	\$ 119,199.00
		Funds Obligated	\$ 25,777.41
		Current Balance	\$ 93,421.59
Does item have a cost?	Yes	Item Cost	\$ 29,594.09
Budget Adjustment Attached?	No	Budget Adjustment	\$ -
		Remaining Budget	\$ 63,827.50

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments: Taxes are estimated at \$2,629.09 for a total of \$29,594.09.



MEETING OF APRIL 2, 2019

TO: Mayor and City Council

THRU: Don Marr, Chief of Staff
Water & Sewer Committee
Tim Nyander, Utilities Director

FROM: Greg Weeks, Wastewater Treatment

DATE: March 8, 2019

SUBJECT: Approval of the purchase of a 50 kW emergency back-up generator from Riggs-CAT for the wastewater lift station (#10) at 716 Futrall Drive.

RECOMMENDATION:

Staff recommends replacement of the emergency back-up generator for the Futrall Drive lift station (LS#10) with Riggs-CAT in the amount of \$26,965.00 plus applicable taxes.

BACKGROUND:

The Futrall Drive lift station is one of several stations that pumps untreated influent to the West Side Treatment Facility. The station's emergency back-up generator has been known for some time to be undersized for optimal operation. Although the current genset has been capable of ensuring back-up power for nearly 10 years, its size has led to the unit reaching its life expectancy. Heavy wear of operations has led to unreliability of the generator's back-up power capabilities. Presently staff must be called out to the station any time the back-up generator is called for to ensure proper operations. Considering the generator's unreliability and need for technician call outs a replacement genset system is recommended. Although the Futrall Drive lift station has been ear-marked to be decommissioned in the future, the timeframe of this activity is indeterminate. In the meantime, the lift station still needs a reliable source of back-up emergency power. The proposed generator has been selected such that it can be easily repurposed in the future as an emergency power source at either a water or wastewater stations as needed.

DISCUSSION:

Through the Sourcewell cooperative purchasing agreement, Riggs CAT recently submitted a quote for a 50 kW Caterpillar brand generator that meets required technical specifications. Staff recommends purchase of the new \$26,965.00 genset unit.

BUDGET/STAFF IMPACT:

Funds are available within the Wastewater Treatment, Upgrade/Replace Lift Stations project.

Attachments:

Riggs CAT Quote

Riggs

Mailing Address:
P.O. Box 1399
Little Rock, AR 72203-1399

Riggs Power Systems

Date: March 14, 2019 **Quote# 30563447**

To: Jacobs Engineering / John Turley

From: Zachary Ray **Phone: 501-813-0550**

Reference: City of Fayetteville Waste Water - 50kW Diesel & 150A
ATS (Sourcewell Pricing)

Riggs Power Solutions is pleased to provide this offer based on our interpretation of the project. Acceptance of this offer is solely conditioned on the terms of this offer. This offer is valid for 30 days. Our proposed Scope of Supply includes:

1 Caterpillar D50-LC2 Generator Set – 50 kW Stand-by Power Rating

Power Setting	50 kW Stand-by UL-2200, NFPA99-110
Voltage	240/120 Volts, 3 Phase, 60 HZ
Engine	Caterpillar C4.4 Diesel
Engine Governing	Cat Electronic Oil Temp Gauge & Sender
Cooling System	Radiator, 122°F Ambient Rating Caterpillar Extended Life Coolant Engine Oil Cooler Engine Jacket Water Heater, 1.5kW, 120 Volts Coolant Expansion Tank Coolant Temperature and Level Switches & Alarms Low Coolant Level Shut Down
Control Panel	EMCP 4.2 Control Panel Volt Free Contacts – Generator Run Panel Mounted Audible Alarm
Charging System	10 Amp NFPA Battery Charger – 120 Volts
Generator	Caterpillar, 240/120 Volts, 3Ø, Caterpillar Integrated Voltage Regulator Permanent Magnet Excitation 1,600 Amp Single Circuit Breaker – 100% Rated

Little Rock

9125 I-30
(501) 570-3100
(800) 876-1021

Jonesboro

3701 E. Parker Rd.
(870) 932-5473
(800) 467-4055

Springdale

4117 Wagon Wheel
(479) 756-8080

Harrison

3440 Hwy. 65 S.
(870) 743-2000
(866) 743-2536

El Dorado

2100 W. Hillsboro
(870) 881-0800
(877) 912-0800

Texarkana

3201 East Broad
(870) 773-5621
(800) 467-4008

Ft. Smith

6601 S. Zero
(501) 649-9582
(800) 467-4006

Russellville

2911 S. Arkansas
(479) 968-3304
(800) 327-3304

Starting System	12 VDC Electric Cranking Motor Battery Racks and Cables
Mounting	Skid Mounted Rubber Vibration Isolators
Enclosure	Sound Attenuated Outdoor Enclosure-White Includes Internal Silencer System 74dBA at 7 Meters (21 Feet) Free Field
Fuel System	137 Gallon Integral Fuel Tank, UL 5 Gallon Spill Containment 29 Hour Run Time @ 100% Load Fuel Tank Fill Pipe with Locking Cap Fuel Level Alarms
Warranty	Two Year Stand-by Warranty
Additional Options	Factory Testing at 0.8 Power Factor

1 ASCO 300 - Series 150A Automatic Transfer Switch – Service Entrance Rated

Ratings	150 Amp
Voltage	240/120 VAC, 3 Phase
Contacts	3 Switched Poles, Insulated Solid Neutral, Solid Ground Bar
Certifications	UL 1008 Listed, NFPA-110 Compliant
Controls	Voltage and Frequency Sensing Autostart Functions with Programmable Time Delays Genset Clock Exerciser, Operator Programmable
Enclosure	NEMA 3R
Accessory Items	2 Year Warranty Operation and Maintenance Manuals Strip Heater & Thermostat Wired to Load Terminals

Package Inclusions:

- (1) Caterpillar D50-LC2 (50kW Diesel)
- (1) 150A ASCO ATS (SER)
- On-Site Start Up & Customer Orientation
- Delivered to Fayetteville, AR
- (Unloading @ Installation by Others)

Riggs Power Solutions

Caterpillar Electric Power Systems

Caterpillar List Pricing	\$29,992.00
Sourcewell Discount (31%)	<u>-\$9,297.52</u>
	\$20,694.48
Sourcewell Generator Sell Price	\$20,694.48
Start Up, Freight, 150A ATS	<u>+\$6,270.52</u>
Full Package Sourcewell Price	\$26,965.00

Final Sale Price: \$26,965.00

SALES TAX NOT INCLUDED

Commercial Terms

1. The seller reserves the right to accept or reject this order and shall not be required to give any reason for non-acceptance.
2. This order when accepted by seller shall become a binding contract but shall be subject to strikes, lockouts, accidents, fire, delays in manufacture or transportation, acts of God, embargoes, or Governmental action or any other causes beyond the control of the seller whether the same as, or different from the matters and things hereinbefore specifically enumerated, and any of said causes shall absolutely absolve the seller from any liability to the purchaser under the terms hereof.
3. Except where title is transferred and the seller takes back a contract, title to and right of possession of said machines shall remain vested in the seller until all indebtedness and all sums due or to become due from the purchaser, whether evidenced by note, book account, judgment, or otherwise, shall have been fully paid, at which time ownership shall pass to the purchaser.
4. The seller's responsibility for shipments ceases upon delivery to Transportation Company, and any claims for shortages, delays or damages occurring thereafter shall be made by the purchaser direct to the transportation company.
5. The purchaser agrees that this order shall not be countermanded by him, and that when it is accepted (and until the execution and delivery of the contract or contracts and note or notes required to consummate the sale as above specified) it will cover all agreements between the parties relative to this transaction, and that the seller is not bound by any representations or terms made by any agent relative to this transaction which are not embodied herein.
6. When the machines necessary to fill this order are available, the buyer agrees on demand to execute and deliver to the

- seller such notes and contracts as may be required by the seller to evidence the transaction. In the event that the buyer fails to execute and deliver said notes and contracts to the seller, the entire balance of the purchase price shall at the seller's option become immediately due and payable.
7. The seller shall not be held liable or responsible for any damages, whether on account of personal injuries or otherwise suffered or sustained in the operation of said machine, nor for any damages resulting to the purchaser by reason of any delays or any alleged failure of said machine to operate, nor for any implied warranties. Any used or second-hand equipment included in this order is sold without any warranty whatsoever, express or implied (except that the seller warrants title), unless said warranty is set forth in full in the section on page 1 of this document entitled WARRANTY ON EQUIPMENT EXTENDED BY SELLER, USED EQUIPMENT and is initialed by both of the parties hereto.
 8. The liability of said seller insofar as new Caterpillar Products (to include Machines, engines, Attachments and Parts manufactured by Caterpillar Tractor Co.), are concerned, shall be limited to the warranty which the buyer accepts in lieu of any and all warranties by the seller whether express or implied as set forth on Caterpillar Warranty Forms.
 9. The liability of the seller insofar as all other new products (other than Caterpillar products), machines, engines, attachments and parts are concerned, shall be limited to the Manufacturer's warranty thereof, if any, and which the buyer accepts in lieu of any and all warranties by the seller, whether express or implied.
 10. To the extent this equipment is equipped with a telematics system, such as Product Link, I understand data concerning

Riggs Power Solutions

Caterpillar Electric Power Systems

this machine, its condition, and its operations is being transmitted by Product Link to Caterpillar and/or its dealers to better serve me and to improve upon Caterpillar products and services. The information transmitted may include: machine model, serial number, location, and operational data, including but not limited to: fault codes, diagnostic data, emissions data, fuel usage, service meter hours, software and hardware version numbers, and installed attachments. Caterpillar recognizes and respects customer privacy and will exercise reasonable efforts to keep the information secure. I agree to allow this data to be accessed by Caterpillar and/or its dealers.

- 11. Seller will not be responsible for any liquidated damages as a result of any aspect of the project that could be delayed.
- 12. Installation, wiring, conduit, fuel, foundations, and other

materials and services not expressly defined in this offer are not included in this offer.

13. Start-Up is to be completed under normal operating hours and standard conditions. When any situation arises that requires other than normal conditions, additional fees may apply.

14. Offer includes freight that is f.o.b. to the "Ship to Address" only. Unloading or handling fees are not included.

15. Product availability dates are subject to change without notice.

Customer initials _____

I appreciate the opportunity to be of service, and look forward to earning your business. If there are any questions, or if additional information is required regarding this offer, please do not hesitate to call.

Sincerely,

Zachary Ray

Zachary Ray
Riggs Power Solutions
501-813-0550
RayZ@JARiggs.com