

City of Fayetteville Staff Review Form

2019-0178

Legistar File ID

4/2/2019

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

Tim Nyander

4/2/2019

WASTEWATER TREATMENT (730)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends replacement of the emergency back-up generator for the Farmington lift station (LS#12) with Riggs-CAT in the amount of \$102,545.00 plus applicable taxes, and approval of a budget adjustment.

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 \$ 55,371.50
	Current Balance \$ 63,827.50
Does item have a cost? Yes	Item Cost \$ 112,543.14
Budget Adjustment Attached? Yes	Budget Adjustment \$ 112,544.00
	Remaining Budget \$ 63,828.36

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments: Taxes are estimated at \$9,998.14 for a total of \$112,543.14.



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 a resolution for purchase of a 400-kW emergency back-up generator from Riggs-CAT for the wastewater lift station (#12) at 517 N Double Springs Rd.**

RECOMMENDATION:

Staff recommends replacement of the emergency back-up generator for the Farmington lift station (LS#12) with Riggs-CAT in the amount of \$102,545.00 plus applicable taxes, and approval of a budget adjustment.

BACKGROUND:

The Farmington lift station, off Double Springs Rd, pumps untreated influent from the neighboring community of Farmington to the West Side Treatment Facility. The station's emergency back-up generator is over 10 years old and its make and model are known to be obsolete with unavailability of repair parts and services. This circumstance leaves the aged generator vulnerable to single-point of failure from any component failure. Considering unavailability of repair parts, or outside repair services, and the resultant vulnerability of a lift station overflow a replacement genset system is recommended.

DISCUSSION:

Through the Sourcewell cooperative purchasing agreement, Riggs CAT recently submitted a quote for a 400 kW Caterpillar brand generator that meets required technical specifications. Staff recommends purchase of the new \$102,545.00 genset unit.

BUDGET/STAFF IMPACT:

Funds will be moved from the Sanitary Sewer Rehabilitation project to the Upgrade/Replace Lift Stations project to cover the cost of the replacement generator.

Attachments:

Riggs CAT Quote
Budget Adjustment

Riggs

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

Riggs Power Systems

Date: March 14, 2019 **Quote Number:** 30563519

To: Jacobs Engineering / JD Turley

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

Reference: City of Fayetteville Waste Water Lift Station #12 – 400kW Diesel Standby Generator with Aluminum Enclosure & Sub Base Fuel Tank (Sourcewell Pricing)

Riggs Power Systems is pleased to provide this offer. 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 C13 400kW Diesel Fueled Generator Set – EPA Standby

Power Setting	400 kW Standby Package UL 2200 Listed, NFPA99-110 IBC Seismic Certified
Voltage Engine	480 Volts, 3 Phase, 60 HZ Cat C13 Diesel Power Engine Air Cleaner – Dual Element L1 Sound Attenuating Residential Grade Muffler
Engine Governing Cooling System	Caterpillar ADEM 4 Digital Electronic Radiator, 122°F Ambient Rating Caterpillar Extended Life Coolant Engine Oil Cooler
Control Panel	Engine Jacket Water Heater - 240VAC Caterpillar EMCP4.2B Digital Controller NFPA-110 Panel Mounted Audible Alarm Dustproof Panel Gen Running & Fault Relay Relay - Ground Fault Indication
Charging System	24 VDC, 10 Amp Battery Charger - Dual 120 Volt AC Input Pre-Wired to AC and DC Connections
Fuel Supply System	Engine Driven Battery Charging Alternator 660 Gallon Sub Base Fuel Tank

Little Rock

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

Jonesboro

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

Ft. Smith

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

Springdale

4117 Wagon Wheel
479) 756-8080
(866) 839-8080

El Dorado

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

Texarkana

2400 Trinity Blvd
(870) 773-5621
(800) 467-4008

Russellville

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

Harrison

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

Generator	5 Gallon Spill Containment Double Wall UL Listed 24 Hour Run Time @ 100% Load Direct Injection Fueled Manual Fuel Priming Pump Primary and Secondary Fuel Filters Fill Neck & Locking Cap Caterpillar, 480 Volts, 3Ø, Wye Connected Cat Integrated Voltage Regulator Alternator Space Heater Heater Control Group 105C Temp Rise Over 40C Ambient Permanent Magnet Excitation 800:5 CT Ratio
Starting System	125A Load Center 24 VDC Electric Cranking Motor Cat Heavy Duty 24 VDC Battery Bank Battery Racks and Cables Battery Disconnect Switch
Enclosure	L1 Sound Attenuated Aluminum Enclosure – 1,687lbs 75dBA at 23 Feet Free Field Key Locking Doors Epoxy Enamel Paint Finish – White
Main Line Breakers	AC/DC Sourced Enclosure Lights 800A LS/I – Single Circuit Breaker Cable Lugs, Insulated Neutral Bar, Solid Ground Bar Shunt Trip
Mounting System	Aux Contacts Skid Base Mounted Linear Vibration Isolators Generator Skid Base
Accessory Items	2 Year Standard Warranty 2 Year Scheduled Maintenance Contract Operation and Maintenance Manuals Factory Tested at 0.8 Power Factor 20A GFCI Convenience Outlets (Control Side)

Offer Inclusions:

400kW Diesel Generator – Level 1 Sound Attenuation Aluminum (75dBA)
Your price FOB Fayetteville Jobsite
Includes Onsite Start Up & Customer Orientation
Unloading & Installation by others

Caterpillar List Pricing	\$150,267.00
Sourcewell Discount (37%)	<u>-\$55,598.79</u>
	\$94,668.21
Sourcewell Generator Sell Price	\$94,668.21
Start Up, Freight, 2 Yr. Maint. Contract	<u>+\$11,065.00</u>
Full Package Sourcewell Price	\$105,733.21
One Time Riggs Special Discount	<u>-\$3,188.21</u>

Final Sale Price: \$102,545.00

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 this machine, its condition, and its operations is being

Riggs Power Systems

Caterpillar Electric Power Systems

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 _____

Thank you for the opportunity to serve you. I 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
Riggs Power Systems
501-813-0550