

City of Fayetteville Staff Review Form

2019-0189

Legistar File ID

4/16/2019

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

Tim Nyander

3/28/2019

WASTEWATER TREATMENT (730)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends the approval of the replacement of an exhaust catalyst on the backup generator at the Noland treatment facility by Riggs Power Systems in the amount of \$31,503.35 plus applicable taxes, and approval of a budget adjustment.

Budget Impact:

5400.730.5800-5414.00	Water and Sewer
Account Number	Fund
02069.1	Plant Pumps and Equipment - WWTP
Project Number	Project Title
Budgeted Item? <u>Yes</u>	Current Budget \$ 626,301.00
	Funds Obligated \$ 623,287.42
	Current Balance \$ 3,013.58
Does item have a cost? <u>Yes</u>	Item Cost \$ 34,574.93
Budget Adjustment Attached? <u>Yes</u>	Budget Adjustment \$ 34,575.00
	Remaining Budget \$ 3,013.65

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments: Taxes are estimated at \$3,071.58 for a total of \$34,574.93.



MEETING OF APRIL 16, 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 28, 2019

SUBJECT: Riggs Power Systems – Exhaust Catalyst for Noland Backup Generator

RECOMMENDATION:

Staff recommends approval of the purchase and installation of an exhaust catalyst and completion of EPA emissions testing for the Paul R. Noland Facility's Caterpillar-brand backup power generator performed by Riggs Power Systems in the amount of \$31,503.35 plus applicable sales taxes, and approval of a budget adjustment.

BACKGROUND:

The Noland Treatment Facility utilizes a 2,000-kilowatt Caterpillar-brand generator system for emergency power and load-shedding management during the summer season. Recent inspections found the generator's diesel oxidation catalyst in need of replacement to meet EPA emissions standards. The catalyst system was initially installed in 2013 in response to EPA amendments to the National Emissions Standards for Hazardous Air Pollution for Reciprocal Internal Combustion Engines (RICE). The purpose of the exhaust catalyst system is to reduce the amount of carbon monoxide released in the atmosphere. Replacement of the exhaust catalyst and completion of emissions testing will ensure compliance with air quality standards ahead of regular generator operation for load-shedding management.

DISCUSSION:

Riggs Power Systems is the region's certified Caterpillar dealer and service representative, and they have extensive experience servicing the Noland Facility's generator system. Riggs Power Systems recently submitted a quote in the amount of \$31,503.35 plus tax for replacement of the exhaust catalyst and completion of EPA emissions testing.

BUDGET/STAFF IMPACT:

A budget adjustment from capital project No.11010 Irrigation Reels - WWTP will be necessary to fund this catalyst replacement and completion of the emissions testing. The budgeted funds being transferred is cost savings left over after completing the Irrigation Reels project.

Attachments:

Riggs Power Systems Quote



Quote Number :Q0W04898-01
 Prepared By :ZAC RAY

Quote Date :2019-03-19
 Valid Until :2019-04-18

We are pleased to provide the following proposal

PREPARED FOR

Customer Name :CH2M HILL ENGINEERS INC
 Address :ACCOUNTS PAYABLE
 FAYETTEVILLE LOCATION
 PO BOX 241329
 DENVER 80224-9329

Make	Model	Serial Number	Unit Number
Cat	3516	0FDN01774	

WORK TO BE PERFORMED

Segment	Description	Type	Amount
AA	PERFORM HAZARD RECOGNITION	Firm Labor	0
		Firm Parts	0
		Firm Misc.	0
01	TRAVEL TO/FROM MACHINE Original travel charges from the first week of March 2019 to travel to the job site for the purpose of installing load bank in preparation for EPA emissions testing.	Firm Misc.	400.00
02	LOAD BANK TEST GENERATOR Labor to install load bank, run load bank for EPA testing and uninstall load bank after testing was failed. (2 technicians)	Firm Labor	3,670.10
04	PERFORM CLEAN EMISSIONS MODULE AFTER TEST Charges for ESC to come to job site and perform EPA emissions testing. Test failed. Determined exhaust catalyst has failed and will need to be replaced and second test will have to be performed once repairs have been completed.	Firm Misc.	5,265.00
11	TRAVEL TO/FROM MACHINE Travel charges to return to jobsite once new catalyst has been acquired. Travel charges associated will cover trips needed to install new catalyst, re-install load bank and retest for emissions compliance with ESC.	Firm Misc.	400.00
13	REMOVE & INSTALL DIESEL OXIDATION CATALYST Parts and labor to remove and install failed exhaust catalyst with new.	Firm Labor	990.00
		Firm Parts	11,673.25
14	LOAD BANK TEST GENERATOR Labor associated with re-installing load bank, running engine for purpose of EPA emissions re-test, un-installing and removal of load bank.	Firm Labor	3,840.00
15	PERFORM CLEAN EMISSIONS MODULE AFTER TEST Price for ESC's return to job sight for second emission test once catalyst has been replaced.	Firm Misc.	5,265.00



Total of Firm Price Items	31,503.35
Total of Estimated Items	0
Pre-Tax SubTotal	31,503.35
Ark Sales Tax	2,047.72
Washington County	393.79
Fayetteville	630.07
Total (including tax)	34,574.93
0% Financing for 6 months	5,762.49
1.9% Financing for 12 months	2,910.99

****Must have credit approval through Cat Commercial to qualify for financing options****

Prices quoted include the specific services listed and do not include freight, handling charges, applicable taxes or additional services. Riggs will cover our workmanship for 90 days unless otherwise noted. Riggs Cat warranty covers 12 months new parts warranty from date of sale to the first user and 12 months labor if the part was installed by Riggs Cat.

The quoted amount does not include an environmental Fee of \$25. This environmental fee is for disposal of hazardous materials such as batteries, fuel, oil and cleaning solutions.

RIGGS CAT POWER SYSTEMS

Zachary Ray
Phone: 501-813-0550
E-mail: rayz@jariggs.com

Customer Signature: _____ Date: _____

Customer Email: _____ Purchase Order: _____