

City of Fayetteville Staff Review Form

2019-0162

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 repair of one (1) 100 hp and three (3) 50 hp aerator motors, used for the biological nutrient removal process for the Paul R. Noland WWTP by Electric Motor Center of Springdale, Inc. in the amount of \$12,830.67 plus applicable taxes.

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? Yes

Current Budget \$ 626,301.00

Funds Obligated \$ 609,205.76

Current Balance **\$ 17,095.24**

Does item have a cost? Yes

Item Cost \$ 14,081.66

Budget Adjustment Attached? No

Budget Adjustment \$ -

Remaining Budget **\$ 3,013.58**

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments: Taxes are estimated at \$1,250.99 for a total of \$14,081.66.



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 rebuilding one (1) 100 hp and three (3) 50 hp aerator motors by Electric Motor Center for the Paul R Noland WWTP.**

RECOMMENDATION:

Staff recommends repair of one (1) 100 hp and three (3) 50 hp aerator motors, used for the biological nutrient removal process, by Electric Motor Center for the Paul R Noland WWTP in the amount of \$12,830.67 plus applicable taxes.

BACKGROUND:

The Noland Treatment Facility utilizes a series of eight aerator mixers per the EAST and WEST basin-trains for supplying dissolved oxygen to the biological nutrient removal reactors. The eight units operate in series using a combination of four large and four medium aerator mixers; these aerator mixers are powered respectively by a series of 100 hp and 50 hp drive motors. In recent years these 30+yr old mixers have required over-haul corrective maintenance.

DISCUSSION:

Recently four aerator mixers, one (1) large and three (3) medium, were pulled for disassembly inspection and repair proposals. The motors for these units were shipped to Electric Motor Center in Springdale, AR for disassembly and repair inspections. Electric Motor Center has been the vendor consistently used to perform the other motor rebuilds in recent years. Electric Motor Center recently submitted a repair proposal for the one (1) 100 hp and three (3) 50 hp aerator motors. Staff recommends completion of the \$12,830.67 in proposed repairs to the four aerator motors.

Because it was necessary to have the repair facility disassemble the units to determine the extent of hidden and unknown damage to equipment already purchased, a bid waiver and/or formal sealed bidding is not necessary according to **Arkansas Procurement Law R6:19-11-203, Subsection 14 (EE) "hidden or unknown damages"**.

BUDGET/STAFF IMPACT:

Funds are available within the Wastewater Treatment, Plant Pumps and Equipment project.

Attachments:

Electric Motor Center Quote

ELECTRIC MOTOR CENTER
804 N. JEFFERSON
SPRINGDALE, AR 72764
PHONE; (479)756-8040
FAX;(479)756-0567
EMAIL; ray@emc.arcoxml.com

DATE; 3-5-19

NUMBER OF PAGES; 1

SUBJECT; Quote

TO; Jeremy / City of Fayetteville

FROM; Ray

Repair 4 motors - Teardown, Rebuild & Rec,
Install new insulcoat bags to electrically isolate
bags, Install new grounding brushes to channel
stray voltages in rotor to ground. Assemble & Test.

① 50 H.P. Baldor 1185 R.P.M. 405T 3Ø
\$ 3053.53 + tax if needed

① 50 H.P. Reliance 1185 R.P.M. 405T 3Ø
\$ 2971.55 + tax if needed

① 50 H.P. Reliance 1185 R.P.M. 405T 3Ø
\$ 2966.35 + tax if needed

① 100 H.P. Reliance 1185 R.P.M. 44TT 3Ø
\$ 3839.24 + tax if needed

Thanks, Ray