

City of Fayetteville Staff Review Form

2020-1006

Legistar File ID

12/1/2020

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

Tim Nyander

11/12/2020

WASTEWATER TREATMENT (730)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends approval of a quote from Electric Motor Center in the amount of \$22,536.50 plus applicable taxes for the repair of an influent pump at the Noland Water Resource Recovery Facility.

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 \$ 1,477,313.00

Funds Obligated \$ 805,204.31

Current Balance **\$ 672,108.69**

Does item have a cost? Yes

Item Cost \$ 24,790.15

Budget Adjustment Attached? No

Budget Adjustment \$ -

Remaining Budget **\$ 647,318.54**

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments: Taxes are estimated at \$2,253.65 for a total cost of \$24,790.15. Freight is included in the quoted price.



MEETING OF DECEMBER 1, 2020

TO: Mayor and City Council

THRU: Susan Norton, Chief of Staff
Tim Nyander, Utilities Director

FROM: Greg Weeks, Area Manager

DATE: November 12, 2020

SUBJECT: Electric Motor Center – Influent Pump Repair at Noland WRRF

RECOMMENDATION:

Staff recommends approval of a quote from Electric Motor Center in the amount of \$22,536.50 plus applicable taxes for the repair of an influent pump at the Noland Water Resource Recovery Facility.

BACKGROUND:

The Noland Treatment Facility uses a series of nine pumps to feed influent through the treatment process. These pumps are divided into two influent pump stations comprised of Station No. 1's six dry-pit pumps and Station No. 2's three submersible pumps.

In late September, Pump No. 101 at Noland Influent Pump Station No. 2 tripped out due to overvoltage on the variable frequency drive (VFD). Staff megged the motor and discovered the windings had burned out. The pump was pulled and sent to Electric Motor Center in Springdale for a hidden-damages inspection.

DISCUSSION:

Electric Motor Company has submitted a price proposal for the repair of Pump No. 101 for \$22,536.50. Their proposal includes installing new bearings, seals, cords, and a new impellor. Freight is included in the quoted price. They will also complete all necessary machine work, as well as test and reassemble the pump. It is anticipated this repair will be deemed tax exempt under Arkansas tax code, but pending that determination from the state if taxes are imposed they are estimated to be \$2,253.65 for a project total cost of \$24,790.15.

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 Ark. Code Ann. §19-11-203(14)(DD).

BUDGET/STAFF IMPACT:

Funds are available in the Plants, Pumps, & Equipment account within the Water & Sewer Fund.

Attachments:

Quote from Electric Motor Center

Electric Motor Center

10/28/2020

804 N. Jefferson

Springdale, AR 72764

Phone: (479)756-8040

Fax: (479)756-0567

Email: rayatemc@gmail.com

Buddy/Jacobs-Nolan

KSB 65 H.P. KRTK300-380/506/XG/331

T.D. test machine shaft impellor fit, bearing cap and seal fit. Install new bearings, seals, o'rings, impellor with wear ring, casing wear ring etc. Assembly and test.

Cords	\$1446.90
Impellor w/ wear ring	\$9606.00
Casing wear ring	\$3237.60
Mechanical seal	\$2998.80
Bearings, seals, o'rings	\$1507.20
Machine work (14 hrs x 75)	\$1650.00
Labor (41 x 60)	\$2460.00
Freight	\$230.00

\$22,536.50 + taxes if needed

6 weeks for impellor ARO

Please advise

Thanks, Ray.