



1202 Musser Street
Muscatine, IA 52761-1645
(563) 263-2752
Fax (563) 263-3720

WATER & RESOURCE RECOVERY FACILITY

MEMORANDUM

To: Gregg Mandsager, City Administrator

CC: Nancy Lueck, Finance Director
Cinda Hilger, Secretary

From: Jon Koch, WRRF Director

Date: September 10, 2018

Re: Grit Classifier Rebuild Purchase

INTRODUCTION: The Water and Resource Recovery Facility (WRRF) has budgeted to rebuild the grit classifiers used to remove solids in influent wastewater due to wearing and leaking. Two bids were received with the lowest bid coming from DJ Gongol Associates, Inc. in the amount of \$12,355.20 for each 915F Grit Classifier Body for a total purchase of \$24,710.00 minus shipping. Shipping is estimated to be \$1900.00-\$2100.00. \$25,000.00 was budgeted for this purchase.

BACKGROUND: The grit classifiers take separated solids like rock, sand and other settleable solids and removes it from the water. The grit is then stabilized and sent to the landfill. This grit is very abrasive and has worn through the metal after nearly 20 years of service. The new classifiers will have removable sleeves so that the next repair will be easier and less costly. The rebuild will be performed by City staff using new parts from the vendor and existing equipment that does not need to be replaced.

The WRRF had originally looked at the cost to rebuild one unit and estimated the cost to be \$25,000.00 based on past repairs. Once the new bids came in, the cost for one 915F from the manufacturer was \$12,355.20 from DJ Gongol of Cumming, IA, (the regional authorized vendor) and \$17,366.00 from Lewis Industrial Services of Muscatine. Due to such favorable pricing, the decision was made to order two 915F Grit Classifier Body assemblies to rebuild both classifiers now to save money and lock in the lower cost. Additional shipping cost will put the total slightly over the budgeted amount but is able to be absorbed by the Plant Reserve. Waiting to purchase the 2nd classifier will incur an additional \$2,000.00 shipping cost as the shipping is based on distance not weight.

RECOMMENDATION/RATIONALE: Staff recommends the purchase in the amount of \$24,710.00 to DJ Gongol & Associates, Inc. for two (2) 915F Grit Classifier Body assemblies with additional shipping to be applied.

BACKGROUND:

1. Bids