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**WATER & RESOURCE RECOVERY FACILITY**

**MEMORANDUM**

To: Gregg Mandsager, City Administrator

CC: Nancy Lueck, Finance Director  
Cinda Hilger, Secretary

From: Jon Koch, WRRF Director

Date: August 14, 2018

Re: WRRF Grit Building Makeup Air Unit

**INTRODUCTION:** The Water & Resource Recovery Facility (WRRF) has received three quotes for the replacement of the Grit Building makeup air unit (MAU) with the low bid coming from Crawford Heating and Plumbing for the Absolute Aire MAU at a cost of \$35,850.00. \$50,000.00 was budgeted for this project.

**BACKGROUND:** The grit building at the WRRF receives the most sewer gas of any building on site and is required by State law to replace the air 12 times an hour. The Applied Air MAU currently installed is 18 years old and sits in a corrosive hydrogen sulfide environment. All metal surfaces have corroded with the bottom being nearly completely gone. Replacement of this unit is required to maintain air exchanges and heat to the 2<sup>nd</sup> floor of the building. Two other bids were obtained with Climate Engineering quoting \$51,650.00 for a Cambridge MAU and Hometown Plumbing quoting \$43,467.00 for an Absolute Aire MAU.

**RECOMMENDATION/RATIONALE:** Staff recommends the purchase and installation of the Absolute Aire Makeup Air Unit from Crawford Heating and Air for \$35,850.00.