



# City of Muscatine

ITEM NUMBER 2024-0083

## AGENDA ITEM SUMMARY

DATE: 3/7/2024

### STAFF

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Jon Koch, Water Pollution Control Plant Director

### SUBJECT

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Request To Approve the Issuance of a Purchase Order To JL Brady, Co., In The Amount Of \$53,990.00, for the Purchase of Two Mechanical Air Units For The Water & Resource Recovery Facility Grit Building

### EXECUTIVE SUMMARY

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To request approval to issue a purchase order to JL Brady, Co. to purchase and install two mechanical air-handling units at the Grit Building at the Water & Resource Recovery Facility. Three bids were received for this purchase with the low bid coming from JL Brady, Co. in the amount of \$53,990.00. Both of these units failed this winter and need to be replaced immediately. This will be funded from the plant operations fund.

### STAFF RECOMMENDATION

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Staff recommends approval of this purchase order.

### BACKGROUND/DISCUSSION

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The Grit Building at the WRRF has three floors, each with its own mechanical air-handling unit (MAU). The second floor MAU was replaced three years ago. The first and third floor MAUs failed this winter. The first floor MAU was repaired to the point where it would produce heat to travel up stairs to the third floor and heat both spaces. These units are vital to bringing fresh air to these areas for the safety of the staff and integrity of the equipment. Without them, safety is compromised and equipment deteriorates in the harsh environment. The third floor MAU was repaired enough to bring fresh air into the space but is not anticipated to run through the rest of the year. These units have at least a 10 week lead time for arrival and installation.

### CITY FINANCIAL IMPACT

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This purchase will be funded from the plant operations fund.

### ATTACHMENTS

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1. Grit MAU Project.240229





## Family Owned & Operated Since 1915

STEAM HEAT • PLUMBING • COMMERCIAL • AIR CONDITIONING • SHEET METAL • ENERGY MANAGEMENT

February 29, 2024

Mr. Clint Williams  
Muscatine WPCP  
12020 Musser Street  
Muscatine, IA 52761

Re: Grit Building Make-up Air Units

Clint,  
We propose to furnish labor, material and equipment to complete the following for the above project according to our site visit on 12/28/2023.

### Grit Building:

#### Included:

1. Remove and dispose of (2) make-up air units and fresh air dampers
2. Furnish and install (2) Cambridge model M112 make-up air units with fresh air dampers
3. Connect the new units to the existing power wiring, gas piping, duct work and controls
4. Complete the work during normal hours
5. Permit fee

*8-10 wks out*

#### Not included:

1. Expedited material procurement, if desired
2. Price increases on long lead items (more than 4 weeks), if applicable

**Grit Building to be completed for the sum of \$ 53,990.00**

Note: Payment terms are net 30 days from date of invoice

Note: We may withdraw this proposal if not accepted within 30 days

Note: We cannot guarantee the integrity of the existing piping, ducts, wiring or controls

Thank you for the opportunity of quoting on this project. If you have any questions, or require additional information, please feel free to contact me.

Respectfully,

Scott Robinson  
Estimator/Project Manager



**Plumbing/Mechanical/HVAC/Electrical**

1306 Mill Street  
Rock Island, IL 61201  
Ph: (309) 788-4573  
Fx: (309) 788-4691

Date:2/15/2024

Attn: Clint Williams – [cwilliams@muscatineiowa.gov](mailto:cwilliams@muscatineiowa.gov)  
Water pollution Control Plant  
1202 Musser street  
Muscatine, IA 52761-1645

RE: WRRF – Gritt Building

**Scope of Work:** Demo and install of new MAUs

<b>We Agree to Furnish Labor and Materials for the HVAC</b>
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**Division 23-HVAC:**

- Provide material and labor to demo the two existing make up air units serving 1<sup>st</sup> and 2<sup>nd</sup> floor. This includes disconnect of Gas and Electrical.
- Provide material and labor to install two new make up air units to serve 1<sup>st</sup> and 2<sup>nd</sup> floor. This includes new duct connections, reconnect of gas and electrical.

**Included –**

- Factory Startup
- Dispose of existing equipment
- 1 year labor warranty

**Miscellaneous –**

- Sales Tax NOT included.
- Existing actuators and dampers to be reused.
- Existing equipment pads to be reused.
- We specifically exclude anything not mentioned in this proposal.
- Time based on a normal 40-hour work week

- This proposal expires 30 days from date of issue

Thank you for considering Crawford Company. Please contact us with any questions.

Base Bid for **HVAC**:

\$54,820.00

Sincerely,

Tyler Green  
309-631-1412



February 19, 2024

To: City of Muscatine  
Attn: Clint Williams  
Re: Grit BLDG and Lift Station HVAC Replacements

**We will provide material and labor for the following:**

**Grit Building:**

1. Disconnect and remove 2 make-up air units.
2. Provide and install 2 new make-up air units.
3. Reconnect existing electrical wiring to new make-up air units.
4. Reconnect existing gas piping to new make-up air units.
5. Reconnect existing controls to new make-up air units.
6. Fabricate and install new duct transitions and flex connections to new make-up air units as needed.
7. Permit Fees.
8. Use the plants existing equipment to remove make-up air units from the building and place on our trailer for disposal.

**FOR THE ABOVE WORK WE QUOTE: \$59,750.00**

**Work Not Included:**

1. Any Taxes
2. Any Contingency or Bond Fees
3. Anything not listed above

**FOR THE ABOVE WORK WE QUOTE: \$**

Sincerely  
Terry Lefler  
Doug's Heating and Air conditioning  
Office: 309-764-2500  
Cell: 309-738-5851