



Central Services Department

Ron Lampkin, Interim Director
Maria Rivera-Rivera, Deputy Director

2760 Peach Orchard Road, Augusta, GA 30906
(706) 828-7174 Phone (706) 796-5077 Fax

MEMORANDUM

'24 JAN 18 2:38 PM

TO: Geri Sams, Director, Procurement Department
FROM: Ron Lampkin, Interim Director, Central Services Department
DATE: January 17, 2024
SUBJECT: Emergency Memo – Electrical Issues DFCS

In accordance with §1-10-57 Emergency Procurements, I respectfully ask you to accept this communication as notification of an emergency at DFCS relating to electrical issues.

DFCS building started experiencing electrical issues that affected the HVAC system and exhaust fans, creating a cold environment at the location due to the outside temperatures. An electrical inspection took place under contractor Hudson's Electric Co. Deficiencies related to circuits, wiring and breakers were detected, which had a direct impact on the building's heat and conditioned air. These findings present an eminent safety risk, thus constituting an emergency. To comply with local and national codes, corresponding repairs and replacements will be performed.

Please process a purchase order to Hudson's Electric Co, in the amount of \$55,000.00 for the previously mentioned repairs and replacements. A contingency of \$10,000.00 was included in this amount.

If you have any questions or concerns, please contact the Central Services Department.

RL/mcrr

Hudson's Electric Co.

2047 Martin Luther King Jr. Blvd.

Augusta, Georgia. 30901

706-589-2063 (Fax) 706-798-3971

HUDSONMIKEELECTRIC@COMCAST.NET

Ga. Electrical Licensed # EN-213830

Ga. HVAC # CR108754

S.C. Mechanical Licensed # M107457

Vendor # 8265

Date 01/15/2024

Augusta Richmond County / Central Services Department

2760 Peach Orchard Road

Augusta, Georgia 30906

Contact Person – Mr. Timothy Howard 706-305-8396

Job Name – DFACS Building - Supply Room, 1st Floor, 2nd Floor, 3rd Floor and Roof.

Job Location – 520 Fenwick Street Augusta, Ga. 30901

Job Description:

1. Verify – Panels, circuit numbers, VAV boxes and label accordingly.
 2. Identify branch circuit breakers supplying power to VAV units and labels.
 3. Repair and replace parts to open and close VAV boxes, Replace missing covers on boxes.
Note: Several boxes cannot close because the handles are inoperable; as a result, it's a safety hazard.
 4. Adjust and upsize all wiring and disconnect per code and voltage drop compensation.
 5. Perform a full safety inspection on all VAV units.
 6. Install Probes into duct work that was left out.
 7. Replace 2 – 5KW Blower Heaters, Disconnects, and wiring to the blower heaters in the supply room.
Note: The wiring must be upsized to prevent overheating at the terminals. Identify branch circuit breakers.
Reroute and replace wiring as needed per code.
 8. Remove and replace 4 compatible roof commercial grade exhaust fan.
 9. Size VAV Branch circuit wiring to match and protect circuit disconnects.
- 3rd Floor Break Room VAV
Note – 30 amp disconnect – Wire size # 10 - AWG The unit pulls 22amps.
Approximately 260 Ft. run. Repull # 6 to compensate for the voltage drop.
- 3rd Floor SFDH 12
Note – 60 amp disconnect – Wire size # 8 - AWG The unit pulls 38-amps.
Approximately 125 Ft. run. Repull # 6 to compensate for the voltage drop.
- 3rd Floor SFDH 13
Note – 60 amp disconnect – Wire size # 10 - AWG The unit pulls 22.5-amps.
Approximately 125 Ft. run. Safety check, Repair, Identify circuit as needed.
- 3rd Floor – Remove and reroute Power pole that's preventing access into SFDH.
- 3rd Floor SFDH 11
Note – 100 amp disconnect – Wire size # 4 - AWG The unit pulls 66.6-amps.
Approximately 250 Ft. run. Repull # 2 AWG to compensate for the voltage drop.
Safety check, Repair, Identify circuit as needed.

2nd Floor SFDH 7

Note – 60 amp disconnect – Wire size # 6 - AWG The unit pulls 22.5-amps.

Approximately 75 Ft. run. Note – Safety check, Repair, Identify circuit as needed.

Upsized wiring for voltage drops accordingly.

2nd Floor SFDH 6

Note – 60 amp disconnect – Wire size # 6 - AWG The unit pulls 22.5-amps.

Approximately 130 Ft. run. Note – Safety check, Repair, Identify circuit as needed.

Upsized wiring for voltage drops accordingly.

2nd Floor SFDH 9

Note – 60 amp disconnect – Wire size # 6 - AWG The unit pulls 22.5-amps.

Approximately 260 Ft. run to the panel. Note – Safety check, Repair, Identify circuit as needed.

Upsized wiring for voltage drops accordingly.

2nd Floor SFDH 8

Note – 100 amp disconnect – Wire size # 4 - AWG The unit pulls 66.6-amps.

Approximately 250 Ft. run. Repull # 2 AWG to compensate for the voltage drop.

Safety check, Repair, Identify circuit as needed.

1st Floor SFDH2

Note – 30 amp disconnect – Wire size # 10 - AWG The unit pulls 22amps.

Approximately 100ft. run to the panel. Note – Safety check, Repair, Identify circuit as needed.

Upsized wiring for voltage drops accordingly.

1st Floor SFDH3

Note – 100 amp disconnect – Wire size # 4 - AWG The unit pulls 66.6-amps.

Approximately 250 Ft. run to the panel. Repull # 2 AWG to compensate for the voltage drop.

Note – Safety check, Repair, Identify circuit as needed.

1st Floor SFDH4

Note – 30 amp disconnect – Wire size # 10 - AWG The unit pulls 22amps.

Approximately 100ft. run to the panel. Note – Safety check, Repair, Identify circuit as needed.

Upsized wiring for voltage drops accordingly.

Note: Upon our Diagnostic to what we were shown

- 1. 11 VAV units, 1st, 2nd, and 3rd floors.**
- 2. 2 – inoperable blower heaters in the supply room.**
- 3. The 4 commercial grade exhaust fans on the roof.**
- 4. 2 – VAV that will not be going back online**

We proposed the necessary job description above to rectify the problems.

This proposed work will ensure safety and will meet all local and national codes.

All Tho we did a complete diagnostic, there still might be some unforeseen stumbling blocks that may require a change order. If this occurs, we will show it to the director for verification and pre-approval.

Materials and Equipment:

Varies equipment disconnects, varies breakers, fuses, # 2 – AWG copper wiring, # 6 – Awg copper wiring, 4 Commercial grade heavy duty exhaust fans, 2 commercial grade 5KW blower heaters, conduit, and fittings.

We will supply all materials and labor.

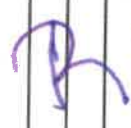
Total Proposed Job Cost – 45,000.00

AUGUSTA-RICHMOND COUNTY GEORGIA
PURCHASING DEPARTMENT
REQUISITION

DEPARTMENT NAME: Central Services Department
DEPARTMENT NUMBER: 101016224/53.19120
DEPARTMENT HEAD: 

REQUISITION:
REQUISITION DATE: 1/17/2024
PURCHASE ORDER NUMBER:
PURCHASE ORDER DATE:

VENDOR		NAME OF BIDDER		NAME OF BIDDER		NAME OF BIDDER	
PHONE NUMBER		Hudson's Electric Co.					
QUOTED BY		(706) 589-2063					
Hudson Mike							
ITEM NO	DESCRIPTION	Quantity	Unit Price	Total Price	Unit Price	Total Price	Total Price
1	DFACS BUILDING - SUPPLY ROOM, 1ST FLOOR, 2ND FLOOR, 3RD FLOOR AND ROOF ELECTRICAL REPAIRS AND REPLACEMENTS	1	\$45,000.00	\$45,000.00			
2	CONTINGENCY	1	\$ 10,000.00	\$ 10,000.00			
3							
4							
5							
6	*Emergency						
7	Quote 1/15/2024						
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TOTAL BID				\$ 55,000.00			
SHIPPING CHARGES							
DELIVERY TIME FROM RECEIPT OF PURCHASE ORDER							

 385354
1/19/24