



County of Roanoke

FINANCE DEPARTMENT PURCHASING DIVISION

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March 14, 2022

RFP #2022-054

HVAC Rooftop Units for Western Virginia Regional Jail

for

Roanoke Salem Jail

ADDENDUM NO. 2

Questions

Due Date & Time:

March 25, 2022 2:00PM
(Local Prevailing Time)

Addendum No. 2
RFP 2022-054
HVAC Rooftop Units for Western Virginia Regional Jail

1. What is the existing breaker amperage supplying machine and panel type? What is the line voltage wire size from panel to units?
Answer: Wire size feeding units - 8AWG, Breaker size in panel - 35-amp 600 V, 35-amp 3 pole bolt on GE breakers

Photo attached

*****REQUIRED*****

*****Sign and return with your bid package*****

Sign Name:

Print Name:

Date:

Company

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PANEL EHH1

VOLTAGE: 480Y/277

PHASE: 3

BUS AMPS: 600A

☒ SURFACE MOUNTED
☐ FLUSH MOUNTED

AIC RATING:
14,000

WIRE: 4

MAIN BREAKER AMPS: 600A

CKT NO.	BRKR		WIRE		*	CIRCUIT DESCRIPTION	LOAD - KVA				CKT NO.	BRKR		WIRE		*	CIRCUIT DESCRIPTION	LOAD - KVA			
	P	AMPS	NO	SZ			PHA	PHB	PHC	3 PH		P	AMPS	NO	SZ			PHA	PHB	PHC	3 PH
1	1	20	2	12		EWB-H1	2.0				2	1	20	2	12		LTS H08	0.5			
3	1	20	2	12		EWB-H2		2.0			4	1	20				SPARE				
5	1	20	2	10		LTS PLENUM			2.2		6	1	20	3	8		SITE E LTS			0.4	
7	1					SPARE					8	1					SPARE				
9	1					SPARE					10	1					SPARE				
11	1					SPARE					12	1					SPARE				
13	1					SPARE															
15	1					SPARE					16	3	25			2	PNL ELH1X VIA THX				8.9
17	1					SPARE															
21	3	35	3	8		RTU-HE1				24.0	22	3	35	3	8		RTU-HE3				24.0
27	3	35	3	8		RTU-HE2				24.0	28	3	35	3	8		RTU-HE4				24.0
33	3	20				SPARE					34	3	70			2	PNL ELH1 V1A TH1				42.8
39	3	25	3	10		RTU-HE5				15.1	40	3	175			2	PNL ELH2 V1A TH2				75.0
TOTAL LEFT SIDE							2.0	2.0	2.2	63.1	TOTAL RIGHT SIDE							0.5	0.0	0.4	174.7
TOTAL RIGHT SIDE							0.5	0.0	0.4	174.7	TOTAL CONNECTED LOAD										244.9
TOTAL							2.5	2.0	2.6	237.8											

- NOTES 1. PANEL LOCATED ON LEVEL 1, AREA H, ROOM H08, SHEET EP101H.
2. SEE ONE LINE DIAGRAM SH EP602 FOR CONDUCTOR SIZES.
3. FED FROM SWBD ESB2.