

December 13th, 2024

Dear Amanda

Thank you for allowing Ray-Mac Mechanical to bid on the installation of new high efficiency Heat Pump system and associated components for the Siskiyou County Sheriffs building located in Yreka, CA. Below is a description of the work to be performed for the installation of the equipment. Our price is based on California Prevailing Wage rates for Plumbers and Pipe-Fitters. ***The pricing set forth in this letter is provided by Ray-Mac Mechanical, Inc. as an approved contractor under RFP #22-107010-06.***

Install the following:

- (2) 10 Ton Trane/Mitsubishi High Efficiency Heat Pumps.**
- (4) 5 Ton Trane/Mitsubishi High Efficiency Air Handlers.**
- (4) 10Kw Electric Heat Strip kits.**
- (4) AHU Filter Boxes.**
- (1) New 225 amp main circuit breaker and feeders to new sub panel.**
- (1) New 225 amp sub panel in mechanical room.**
- (2) New 60 amp disconnects for Heat Pumps on roof.**
- (1) New Trane/Mitsubishi Central Controller.**

Price Includes:

- Demo and removal of (4) old diesel fired furnaces.**
- Demo and Removal of old diesel tank and pump.**
- Cap Underground diesel lines.**
- Cap old flue penetrations.**
- Demo and remove old 200 amp panel in mechanical room.**
- Demo and remove old 175 amp main circuit breaker.**
- Demo and remove all associated power for furnaces and fuel pump.**
- Demo and removal of (4) AC condensing units.**
- Disposal and evacuation of old equipment.**
- Crane for setting equipment and materials.**
- Start-up, commissioning, and training.**

Warranty

We guarantee our workmanship for 1 year.

1-Year Parts (This can be extended to 10 years upon system verification from Trane/Mitsubishi at no additional cost).

7-Years Compressors.

Does not include:

Permits, fees, or any items not listed above.

Payment:

Partial Billing at time of equipment delivery, 100% upon completion

Pricing

The price for the above is \$142,870.62

***If Bond is required, please add an additional \$1,550.00**

***Price valid for 30 days. Equipment and material costs schedule to change after that.**

Please feel free to call me regarding this estimate.

Thank-you

Sean Fryer

Ray-Mac Mechanical Inc.

VOLTS: 120/208 Y

NAME: PHASE: 3 Phase

MAIN DEVICE:

WIRE: 4 Wire

MAIN BUSS:

Panel M MLO 225A

LOCATION: Mechanical Room ENCLOSURE: Nema 1 Surface

RATING: 10K AIC

Cct #	DESCRIPTION	VA	Amp/Pol e	PHAS E	Amp/Pol e	VA	DESCRIPTION	Cct#
1	HP-1	6000	60/3	A	50/2	3750	AH-1 Heat Strips	2
3		6000		B		3750		4
5		6000		C	50/2	3750	AH-2 Heat Strips	6
7	HP-2	6000	60/3	A		3750		8
9		6000		B	50/2	3750	AH-3 Heat Strips	10
11		6000		C		3750		12
13	Spare	0	20/1	A	50/2	3750	AH-4 Heat Strips	14
15	Spare	0	20/1	B		3750		16
17	Spare	0	20/1	C	20/1	900	Heat tape	18
19	Spare	0	20/1	A	20/1	540	Room #6 Exhaust fan	20
21	Spare	0	20/1	B	20/1	540	Lights & GP receptacle	22
23	AH-1, AH-2	1440	20/2	C	20/1	900	Rear Floor Heat	24
25		1440		A	20/1	0	Spare	26
27	AH-3, AH-4	1440	20/2	B	20/1	0	Spare	28
29		1440		C	20/1	900	Front Floor Heat	30

CONNECTED LOAD TOTALS - WATTS

AMPS

PHASE A: 25230 210.25
PHASE B: 25230 210.25
PHASE C: 25080 209

TOTAL 7554
WATTS: 0
TOTAL 211.8
AMPS: 86