

Date: 9/22/2023

Region: 4A

CSS No.: 94704

FAC ID: NY070

Maximo WO No.: 13668

Asset #: NA

Priority: Routine

**Original Work Request:**

Piping to fan coil unit in southwest work bay is leaking.

Description of Repairs Needed:

Labor and material to a.) isolate and drain the hot water supply and lines to the unit heater b.) remove the dielectric nut unions and piping that are leaking c.) replace the unions and piping with new unions and piping d.) recharge the lines and test for leaks and proper operation and as long as there is no leaks reinsulate the lines

Labor**Labor Hrs****Labor Rate****Total**

Technician	20	\$ 100.00	\$ 2,000.00
		\$ -	\$ -

Material List:**Quantity****Cost****Total**

Di-electric Union: Bronze, Press-Fit x FNPT, 2 in Copper Tube Size, 2 in Pipe Size	2	\$ 180.61	\$ 361.22
Tee: Copper, Press-Fit x Press-Fit x Press-Fit, 2 in x 2 in x 1/2 in Copper Tube Size	3	\$ 329.75	\$ 989.25
90 Degree Street Elbow: Copper, Press-Fit x FTG, 2 in x 2 in Copper Tube Size	4	\$ 67.93	\$ 271.73
Coupling No Stop: Copper, Press-Fit x Press-Fit, 2 in x 2 in Copper Tube Size	6	\$ 31.25	\$ 187.48
Tee: Copper, Press-Fit x Press-Fit x Press-Fit, 2 in x 2 in x 2 in Copper Tube Size	2	\$ 68.78	\$ 137.56
90 Degree Elbow: Copper, Press-Fit x Press-Fit, 2 in x 2 in Copper Tube Size	2	\$ 84.84	\$ 169.68
Reducer: Copper, Press-Fit x Press-Fit, 2 in x 1 in Copper Tube Size	4	\$ 63.13	\$ 252.52
Reducer: Copper, Press-Fit x Press-Fit, 2 in x 1 1/4 in Copper Tube Size	2	\$ 52.49	\$ 104.97
Tubing: Copper, 1/2 in, Type K, 10 ft, Straight	1	\$ 51.48	\$ 51.48
Tubing: Copper, 1 in, Type K, 10 ft, Straight	1	\$ 127.36	\$ 127.36
Tubing: Copper, 2 in, Type K, 10 ft, Straight	1	\$ 338.18	\$ 338.18
Ball Valve: 1/2 in Pipe, 1/2 in Tube, Full, 200 psi CWP, 0° to 250°F, Lever Handle	2	\$ 58.83	\$ 117.67
Pipe Insulation: Fits 2 in Pipe Size, 2 in Wall Thick, 0°F to 850°F, 8.7 Insulation Approx. R Value	4	\$ 47.15	\$ 188.61
Pipe Insulation Tape: 3 in Wd, 150 ft Lg, 0 to 150°F, Fiberglass	1	\$ 51.86	\$ 51.86

Equipment List:**Quantity****Cost****Total**

ELECT SCISSOR LIFT	1	\$ 1,222.67	\$ 1,222.67
		\$ -	\$ -
		\$ -	\$ -

PM WO History:

NA

Estimate Summary:

Labor	Material	Equipment
\$2,000.00	\$ 3,349.58	\$1,222.67

Sub Total	G&A 12%	Fee 6%	Total Estimate
\$6,572.25	--	--	\$6,572.25

Note: G&A and Fee are not applied on top of work performed by Tidewater.



Prepared by:

Tidewater, Inc.
6625 Selknick Drive, Suite A
Elkridge, MD 21075

Prepared for:

CMI Management, Inc.
5285 Shawnee Road Suite 510
Alexandria, VA 22312-2334

Date: 9/22/2023
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DESCRIPTION OF WORK			
Labor and material to a.) isolate and drain the hot water supply and lines to the unit heater b.) remove the dielectric nut unions and piping that are leaking c.) replace the unions and piping with new unions and piping d.) recharge the lines and test for leaks and proper operation and as long as there is no leaks reinsulate the lines			

LABOR	QTY	UNIT/RATE	TOTAL
Technician	20	\$100.00	\$2,000.00
		\$0.00	\$0.00
MATERIAL	QTY	UNIT/RATE	TOTAL
Di-electric Union: Bronze, Press-Fit x FNPT, 2 in Copper Tube S	2	\$180.61	\$361.22
Tee: Copper, Press-Fit x Press-Fit x Press-Fit, 2 in x 2 in x 1/2 in	3	\$329.75	\$989.25
90 Degree Street Elbow: Copper, Press-Fit x FTG, 2 in x 2 in Cop	4	\$67.93	\$271.73
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Tubing: Copper, 2 in, Type K, 10 ft, Straight	1	\$338.18	\$338.18
Ball Valve: 1/2 in Pipe, 1/2 in Tube, Full, 200 psi CWP, 0° to 250°	2	\$58.83	\$117.67
Pipe Insulation: Fits 2 in Pipe Size, 2 in Wall Thick, 0°F to 850°F,	4	\$47.15	\$188.61
Pipe Insulation Tape: 3 in Wd, 150 ft Lg, 0 to 150°F, Fiberglass	1	\$51.86	\$51.86
EQUIPMENT	QTY	UNIT/RATE	TOTAL
ELECT SCISSOR LIFT	1	\$1,222.67	\$1,222.67
		\$0.00	\$0.00
		\$0.00	\$0.00
SUB-TOTAL COSTS:	LABOR TOTAL		\$2,000.00
	MATERIAL TOTAL		\$3,349.58
	EQUIPMENT TOTAL		\$1,222.67
TOTAL COST:			\$6,572.25

Accepted By: _____

Date: _____



