

Date: 8-14-24

Region: 4A

CSS No.: 98703

FAC ID: PA027

Maximo WO No.: 16403

Asset #:

Priority: 2



Original Work Request:

Replace boilers - remove 4 boilers and circulation pumps and replace with 2 Lochnivar ER Series and circulation pumps to include re-piping of the two new boilers. Of the 4 boilers presently onsite only 2 are working and you can no longer get aprts for these units. We have had to scavenge parts from non-working boilers to keep the 2 boilers working. Boilers shall be reconnected to the HVAC computer controls. If boilers are not replaced, then we will have little or no heat for the building.

Description of Repairs Needed:

Demo 4 existing 400K Btu/h boilers and install 2 new 850k Btu/h Lochnivar FTX boilers (matching units to Franklin (PA035). Fill building loop with customer desired glycol mixture and complete factor authroized strtp of boilers. Exclusion: Tying in building controls to be completed by others. NOTE: 6 wk lead time on Lochnivar boilers (Thermal Solutions Boilers currently in stock by supplier and available within 1 wk).

Labor:

	Labor Hrs	Labor Rate	Total
Tech (multiple)	1	\$ 25,000.00	\$ 25,000.00
			\$ -

Material List:

	Quantity	Cost	Total
Lochnivar FTX boilers 850k Btu/h	2	\$ 37,500.00	\$ 75,000.00
Piping and Installation Materials (include 55 gal 100% propylene glycol at desired mixture)	1	\$ 29,740.00	\$ 29,740.00
			\$ -
			\$ -
			\$ -
			\$ -
			\$ -

Equipment List:

	Quantity	Cost	Total
		\$ -	
		\$ -	
		\$ -	

PM WO History:

Estimate Summary:

Labor	Material	Equipment
\$25,000.00	\$104,740.00	\$0.00

Sub Total	G&A 12%	Fee 6%	Total Estimate
\$129,740.00	\$15,568.80	\$7,784.40	\$153,093.20