

Date: 8-14-24

Region: 4A

FAC ID: PA027

CSS No.: 98703

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 appts 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. I 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 strtup 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:**

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**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