

Date: 6-6-24

Region: 4C

CSS No.: 97659

FAC ID: VA012

Maximo WO No.: 15596



Asset #: [ ]

Priority: 2

**Original Work Request:**

Repair by replacement of both triangle tube boilers. Boiler #2 is down and issues have arose trying to locate parts due to their age, recommended by the sub used CMI (Casto) that the boiler #2 needs replacing. RFOS recommended that both triangle tube boilers be replaced.

**Description of Repairs Needed:**

Disconnect and remove two (2) existing Triangle Tube Boilers. Furnish and install two (2) Lochnivar WHB399N condensing boilers.

**Labor:**

	Labor Hrs	Labor Rate	Total
Tech (multiple)	56.8	\$ 132.00	\$ 7,497.60
Travel & Per Diem	1	\$ 2,700.00	\$ 2,700.00

**Material List:**

	Quantity	Cost	Total
Flue, Water and Gas piping	1	\$ 3,000.00	\$ 3,000.00
Electrical Material (wiring, conduit, breakers)	1	\$ 2,000.00	\$ 2,000.00
Factory Startup on (2) new boilers	2	\$ 1,850.00	\$ 3,700.00
		\$	-
		\$	-
		\$	-
		\$	-

**Equipment List:**

	Quantity	Cost	Total
Lochnivar Boilers (WHB399N)	2	\$ 12,000.00	\$ 24,000.00
Demo Two (2) Existing Boilers and Remove	2	\$ 1,500.00	\$ 3,000.00
		\$	-

**PM WO History:**



**Estimate Summary:**

Labor	Material	Equipment
\$10,197.60	\$8,700.00	\$27,000.00

Sub Total	G&A 12%	Fee 6%	Total Estimate
\$45,897.60	\$5,507.71	\$2,753.86	\$54,159.17