

Condensing Boiler Equipment

Bid # 17-28

FORM OF PROPOSAL

ITEM	DESCRIPTION	QTY	UNIT	
1	<p>Aerco Benchmark Series Boiler Model BMK-1000 or equal to include the following: Burner capable of 20 to 40 turndown ratio, Fully condensing design with up to 98% efficiency, 439 Stainless steel heat exchanger, Full modulation of gas train (boiler input range 1,000 MBH down to 50 MBH with infinite points in between, Fire tube boiler, Oxygen level monitoring system (factory installed), Electric type low water level cutoff with test (factory installed), Manual reset and dual over-temperature protection (factory installed), Remote fault alarm contacts, Condensate neutralization tube (1 per boiler), No water flow switch required on Aerco boilers, Ten (10) year warranty (non-prorated) on pressure vessel and heat exchanger against leakage due to condensate corrosion, mechanical stress failure, mechanical defects on workmanship, Provide factory furnished pressure relief valve, provide factory furnished boiler control, control panel shall be compatible with LONWORKS controls, provide a condensate neutralizer kit, provide an outdoor temperature sensor. Two (2) year warranty on the C-MORE control panel, 18 Months on all other components, ACS boiler control panel, Condensate neutralizer, one per boiler. Supervision of startup and owners training. See boiler schedule attached.</p>	2	ea	
	Ship to Loading Dock Only.			

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CONDENSING BOILER SCHEDULE

UNIT NO.	LOCATION	HOT WATER DATA				GAS BURNER DATA				COMBUSTION EFFICIENCY (%)	THERMAL EFFICIENCY (%)	COMB. INLET SIZE (IN.)	FLUE OUTLET SIZE (IN.)	PRESSURE RELIEF VALVE SETTING (PSI)	ELECTRICAL			DIMENSIONS (LxWxH) (IN.)	BASIS OF DESIGN	MODEL NO.
		OUTPUT (MBH)	FLOW (GPM)	WATER PRESS. DROP (PSIG)	TEMP. F	FLUID TYPE	GAS TYPE	GAS INLET (MBH)	GAS INLET SIZE (IN.)						MINIMUM GAS INLET PRESSURE (IN.WG)	VOLUME	PHASE			
					ENT.	L.V.G.														
B-1	MECHANICAL ROOM	960	96	3	160	180	30% PROP. GLY.	NATURAL GAS	1000	1	4	6	6	30	120	1	1.3	28x25x78	AERCO BENCHMARK	BMK 1000
B-2	MECHANICAL ROOM	960	96	3	160	180	30% PROP. GLY.	NATURAL GAS	1000	1	4	6	6	30	120	1	1.3	28x25x78	AERCO BENCHMARK	BMK 1000

- REMARKS:
1. PROVIDE FACTORY FURNISHED LOW WATER CUTOFF.
 2. PROVIDE FACTORY FURNISHED PRESSURE RELIEF VALVE.
 3. PROVIDE OUTDOOR TEMPERATURE SENSOR.
 4. PROVIDE FACTORY FURNISHED BOILER CONTROL PANEL. CONTROL PANEL SHALL BE COMPATIBLE LOWVOLTAGE CONTROLS.
 5. PROVIDE CONDENSATE NEUTRALIZER KIT MODEL JN-10.