



CLARIFICATION

Project: Ragsdale High School Boiler Replacement Project

Project Number: 082423

Clarification Number: I

Issue Date: February 6, 2024

This Clarification is hereby made a part of the Contract Documents to the same extent as if originally included therein. This Clarification must be acknowledged on the Form of Proposal.

The following additions, deletions, clarifications and modifications are hereby made a part of the contract for the above referenced project.

Boiler Schedule:

1. The gas input and output listed for Boiler B-3 on the Boiler Schedule has been switched. Please find attached the corrected Boiler Schedule that shows the gas input and output switched correctly.

End of Clarification

BOILER SCHEDULE

DESIGNATION	B-1 & B-2	B-5
SERVICE	RAGSDALE HIGH SCHOOL	RAGSDALE HIGH SCHOOL
LOCATION	MAIN BLDG MECH ROOM R001	SHOP BLDG MECH ROOM SB001
BOILER MANUFACTURER	WEIL-MCLAIN	WEIL-MCLAIN
SERIES	88 SERIES II	88 SERIES II
MODEL	1488	1088
BURNER MANUFACTURER	POWER FLAME	POWER FLAME
MAX GAS INPUT (MBH)	4464	2737
HEATING OUTPUT (MBH)	3225	2274/3
THERMAL EFFICIENCY, %	83.1	83.1
COMBUSTION EFFICIENCY, %	83.4	83.7
TYPE OF FUEL	NATURAL GAS	NATURAL GAS
GAS PRESSURE, IN. WC.	6.4 TO 14	6.4 TO 14
NO. OF GAS TRAINS	2	2
GAS CONNECTIONS, IN.	2 1/2"	2 1/2"
UNIT DIMENSIONS (WxLxH), IN.	44-1/4"W x 114-3/4"L x 65"H	44-1/4"W x 74-3/4"L x 65"H
SUPPLY WATER CONNECTION, IN.	5"	5"
RETURN WATER CONNECTION, IN.	5"	5"
CHIMNEY BREECH SIZE, IN.	16"	16"
POWER, V/PH/HZ	120/1/60	120/1/60
ACCESSORIES	SEE BELOW	SEE BELOW
REMARKS	SEE BELOW	SEE BELOW
WEIGHT, LBS	8748	8748

ACCESSORIES:

1. MANUAL MAIN GAS SHUTOFF VALVES
2. DIAPHRAGM GAS VALVE - 2 STAGE WITH REGULATOR
3. MOTORIZED GAS VALVE WITH ACTUATOR (ON/OFF)
4. HIGH GAS PRESSURE SWITCH
5. LOW GAS PRESSURE SWITCH
6. NORMALLY OPEN SOLENOID VENT VALVE
7. MANUAL LEAK CHECKING GAS VALVE
8. LEAK TEST COCK
9. PILOT SHUT-OFF COCK
10. PILOT SOLENOID VALVE
11. PILOT REGULATOR
12. CONTROL PANEL
13. WATER RELIEF VALVE

REMARKS:

- A. PROVIDE GAS COCK TO ISOLATE GAS PIPING FROM GAS TRAIN
- B. ALL CONNECTIONS ARE SHOWN DIAGRAMMATICALLY. ADJUST CONNECTION LOCATIONS PER ACTUAL EQUIPMENT PROCURED.
- C. BOILER OUTLETS COMBINE TO A SINGLE HEADER AS THE BOILER WATER SUPPLY.
- D. RETURN WATER WILL ENTER THE BOILER LOW AND THE BOILER PUMP IS IN THE VERTICAL PIPE.
- E. THERE SHALL BE NO OBSTRUCTION (VALVE, ETC.) IN THE COMMON PIPE BETWEEN THE PRIMARY BOILER LOOP AND THE SECONDARY SYSTEM LOOP.
- F. PROVIDE SERVICE VALVES, COUPLINGS, UNIONS AND ACCESSORIES TO ALLOW FOR SERVICE ON EQUIPMENT WITHOUT THE REMAINING EQUIPMENT HAVING TO BE SHUT DOWN.
- G. ACCEPTABLE EQUAL BOILER MANUFACTURERS: SMITH, PEERLESS.
- H. SIZE BLOW-OFF VALVE AS PER MANUFACTURER RECOMMENDATIONS.