

**SPECIAL ADMINISTRATIVE BOARD OF THE TRANSITIONAL SCHOOL****DISTRICT OF THE CITY OF ST. LOUIS**

Purchasing Department
801 North 11th Street
Saint Louis, Missouri 63101

RFP 052-1617 Gateway STEM Boiler Replacement**ADDENDUM 1: QUESTIONS AND ANSWERS**

1. Are each of the existing low pressure steam boilers heating capacity sized at least adequately for the existing heating load of the 470,791 Ft² facility? **Answer: Yes**
2. What is the operating steam pressure of this system? **Answer: We currently run these boilers at 5 Psig – but the system was designed to run at 8-10 Psig.**
3. Is the replacement boiler feed tank to be replaced with same size/capacity of the existing boiler feed tank? **Answer: The feed tank shall be sized appropriately for the application. There are no restrictions as long as it works effectively and efficiently.**
4. What is the required turn-down of each boiler/burner? 4:1 is typically standard with boilers of this capacity, with options of 5:1, 8:1, and 10:1? **Answer: A higher turndown ratio to increase efficiency and save energy cost is ideal but not required.**
5. Are linkageless controls required for the burner? **Answer: They are not required.**
6. Are VFD's required for the boilers blower motors or boiler feed pumps motors? **Answer: They are not required.**
7. What voltage is available for the boilers blower motors or boiler feed pumps motors? **Answer: Both listed options are available 208/120 and 480/277.**
8. What is the gas pressure supplied to the boiler room? **Answer: 2 Psig.**
9. Is the existing blow down separator to be reused, replaced, or abandoned? **Answer: The blow down separator needs to be replaced.**

10. Is the existing horizontal boiler and water heater breeching to be reused or replaced with what required material and insulation? **Answer:** If the current breeching is inadequate as a design build project, this should be a part of your recommendations.
11. What is the estimated percent of condensate returned to the boiler room vs percent of make-up water needed to maintain the existing boilers? **Answer:** We are currently making up on average 60 gallons of water day.
12. Who will provided the chemicals, testing, and records to insure an approved water treatment program has been maintained during the 2-Year boiler warranty period as required by the boiler manufacturer and in accordance with 2015 ASME Section VI Boiler and Pressure Vessel Code; Recommended Rules for the Care and Operation of Heating Boilers? **Answer:** It would be the District engineer assigned to that school.
13. What does components are required to have a 2-Year warranty? Most electrical components manufactures only provide 1-year warranty from the date of installation and/or 18-month from the date of manufacturer. **Answer:** We would like the option to purchase an extended warranty.
14. What is the penalty per day if the Substantial Completion Date of August 30th is not met? Boiler manufacturing times is typically 12 to 16-weeks after submittal approval? **Answer:** The Substantial Completion Date can be adjusted based on actual lead time of equipment and a mutually agreed upon and approved timeline.
15. Please provide any existing architectural, structural, mechanical and electrical plans that are currently available. **Answer:** Any available drawings/plans can be viewed at buildings and grounds 3416 cook Ave, St. Louis MO. Please contact Maria at 314.535.2500 to schedule an appointment
16. Please provide a copy of the pre-bid meeting sign-in sheet. **Answer:** Pre-bid meeting sign-in can be found on the District's website.

END OF ADDENDUM 1.