

ADDENDUM NO. 2

September 13, 2022

RE: Bonnie Branch Middle School Boiler Replacement (HCPSS Bid #007.23.B3)

**FROM: Purchasing Office
Howard County Public Schools
10910 Clarksville Pike
Ellicott City, MD 21042
(410) 313-6723
(410) 313-6789 fax**

TO: APPROVED PROSPECTIVE BIDDERS

This addendum forms a part of the Contract Documents and modifies the Original Bidding Documents as noted below. Acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the Bidder to disqualification. This Addendum consists of two (2) pages.

PRE-BID MEETING QUESTIONS:

1. **Can you please give estimated volumes for heating and chilled water loops for the water treatment?**
 - a. The water treatment cost are typically estimated based on heating and cooling system capacities. The existing chiller is 225 tons and the heating water boilers total 5,000 MBH.
2. **Can you please give counts for plumbing fixtures for disinfection of domestic water system?**
 - a. This is not applicable since the only disinfection required will be for the new domestic water piping and equipment located within the boiler room. The addition of isolation valves are shown on the drawings specifically for the purpose of isolating the boiler room from the remainder of the school.
3. **Will the Contractor be required to provide temporary toilets?**
 - a. Yes. Exact location to be determined at pre-construction meeting.
4. **Will there be a location available for a storage container?**
 - a. Yes. A location will be provided in the adjacent parking lot.
5. **Will the temporary connections for the chiller be gone before the boiler installation starts?**
 - a. Yes. The chiller will be replaced in the Fall of 2022. The bid documents indicate the approximate location of the replacement chiller, however the exact routing of the new piping from the building to the chiller unknown.
6. **Water treatment, plans call for replacement of heating and chilled water shot feeders, specs don't mention any cleaning or treatment for the chilled water system. Please advise.**
 - a. Section 232113, paragraph F, defines the cleaning and flushing requirements for hydronic piping.
7. **Spec. section 232113 calls for Type L copper for condensate drain piping. Boiler manufacturer require stainless steel, galvanized or CPVC. Please advise.**
 - a. The specification is for general condensate drain piping (not highly acidic condensate). Note 1 on Detail 8 / M4.1 identifies stainless steel drain connection, condensate drain trap and PH neutralizing kit. The piping material for the boiler condensate shall conform to the boiler manufacturer's installation instructions. Note: CPVC has been used and has been acceptable on past HCPSS condensing boiler projects.
8. **Who is the current chemical treatment company for Bonnie Branch MS?**
 - a. WaterPro, Inc.
9. **Would the Patterson-Kelly SOLIS model SL-2500 be an acceptable manufacturer and model for the condensing boilers specified on the project?**
 - a. HCPSS has discussed this in-house and decided they will not accept the Patterson-Kelly as an acceptable manufacturer for this project. The reason is that they are looking at this from a

spare parts / preventive maintenance standpoint and don't want to have more than four acceptable boiler manufacturers.

10. **Please give new locations for expansion tanks 1 & 2 if Alternate #1 is not accepted.**
 - a. New Work Notes #6 on M1.1 states: "...For Base Bid, provide 4" thick housekeeping pad at a location to be determined in the vicinity of Boiler B-2..."
11. **Plan page M4.1 detail 5 make-up water notes 3 & 4 talk about make-up water alarm. There doesn't seem to be a spec section for this alarm. Please advise.**
 - a. The Onicon flow meter model is specified in note 2 of the detail. The flow meter initiates the alarm which is to be integrated into the BAS (programming and graphics).
12. **Could you please indicate how many frames are required in the structural drawings?**
 - a. We assume you are referring to "Typical Roof Opening Framing" detail. If so, detail is applicable to all openings greater than 12", as indicated. All quantities shall be determined by the Contractor.
13. **Is the existing generator to be salvaged or turned over to HCPSS?**
 - a. The existing generator shall be removed and disposed of by the Contractor.
14. **During the generator swap the existing generator will be removed while the underground piping and pad are upgraded. Will a temporary generator need to be provided during this period?**
 - a. A temporary generator will not be required during this period. HCPSS Building Maintenance staff will coordinate with the school administration to relocate all school activities while the generator is off-line.

CHANGES TO THE SPECIFICATIONS:

1. None.

END OF ADDENDUM NO. 2