THE SCHOOL DISTRICT OF PHILADLPHIA
SCHOOL REFORM COMMISSION
Office of Capital Programs
440 North Broad Street, 3rd Floor – Suite 371
Philadelphia, PA 19130

TELEPHONE: (215) 400-4730

Addendum No. 2

Subject: Thomas G. Morton : HVAC Renovation Project
SDP Contract No. B-096 (C) of 2017/18
SDP Contract No. B-097 (C) of 2017/18
SDP Contract No. B-098 (C) of 2017/18

Location: Thomas G. Morton Elementary School
2501 South 63rd Street,
Philadelphia, PA 19142

This Addendum, dated September 29, 2020, shall modify and become part of the Contract Documents for the work of this project. Any items not mentioned herein, or affected by, shall be performed strictly in accordance with the original documents.

The following items, clarifications and/or revisions are to be included in the Contract Documents; these items are specific to the electrical contract documents:

1. Is the unit vent in the Pre-Kindergarten Room 101 being fed from the ceiling above? Does this unit vent need a condensate pump or is there an existing drain line?

   Response: Correct, the UV in pre-K room 101 is being fed from the 2-1/2" mains on the second floor which are then branched and vertically run down to the UV's. This is a similar scenario with the UV in pre-K room 110 as well. Both UV's should have an existing condensate line that can be utilized; however, per note sheet note 4 on all new work drawings, the MC shall provide a condensate pump for all new equipment.

2. Drawing M2.0 scale shows 1/8" – it should be ¼"

   Response: Correct. The drawing scale on Sheet M2.0 is indeed ¼". However, do not rely on scaled measurements as per general mechanical notes on Sheet M1.0, the drawings are diagrammatical only.

3. M2.1 Room 174 Note 6 states to connect to chilled water and dual temp piping, is there an existing condensate line?

Response: Note 6 states that new chilled water, hot water and dual temp piping are to be connected with isolation ball valves at all new devices. However, regarding an existing condensate line, re-connection to the existing condensate line is required. The MC shall provide a condensate pump for all new equipment.

4. Cabinet unit heater schedule doesn't show a cooling coil – should we delete Note 6 on all cabinet unit heaters?

   Response: Note 6 applies to several different devices. Omission of the specific piping that does not apply to the specific device, but may apply to different devices, is the intention of the note. Note 6 shall remain and applies to all cabinet heaters as isolation ball valves shall be installed at all new devices.

5. We are in receipt of addendum one drawings for the mechanical potion of the project and we don't see any changes on the drawings that were released thru addendum one. The scale looks to be the same mentioned on the addendum drawings as the original set. The title blocked has not been changed on the addendum drawings. Please advise if another set of drawings will be sent out to clear this issue up.

   Response: Addendum 1 drawing changes were all electrical. The only changes to the mechanical drawings were made to the schedules on sheet M6.0

6. Boiler room asbestos abatement.

   Response: See Section 01 1135 Asbestos Abatement and Equipment Demolition for scope of abatement in the boiler room.

7. There is non-asbestos fireproofing on beams and overspray on deck, we have to put the entire boiler room under full containment.

   Response: If the boiler room containment area is tented so the spray on fireproofing on the beams and deck are OUTSIDE the containment area, the fire proofing does not need to be removed. If the spray on fireproofing is INSIDE the containment area, it must be removed and replaced.
   .
8. Is this material to be removed or protected? It would be very difficult to protect this material without disturbing it (ie cover with poly).

   Response: See Response to No 7 above

9. If material is removed does it have to be sprayed back?

   Response: YES

10. Please verify if control conduits and pull strings are still required for the rest of the project, and have not been eliminated only in the basement level. IE. Key note #2 on E2.4 and various other locations.

    Response: Yes, control conduits and pull strings are still required as documented on the drawings.

11. The EC is responsible to mount and wire the line side of the Cooling Tower control panel. Please verify who is responsible for wiring the connections of the fan and vibration cut-out switch.

    Response: Any electrical connections not factory provided by the manufacturer are the responsibility of the EC.

12. Regarding the response to question #8, please confirm if a guard post is required. A guard post is not shown on drawing ESP1.0, but a guard post is shown with the note “as required” on the “Transformer Foundation Detail” on drawing E5.0.

    Response: Provide guard posts per drawing E5.0 along any drive aisles adjacent to the new transformer.

13. The pre-bid RFI response to #12 does not match the updated drawings. The note referenced in the original question was removed (see first snip below); however, the drawings now say provide #4/0 (see highlight in second snip below), but the pre-bid RFI response calls for #2/0 (see highlight in third snip below). Please clarify what size ground wire to provide from the ground loop to the transformer vault.

    Response: Provide #2/0 per addendum response.

14. There are two sequences and two control details specified for the hydronic plant. The first control detail is shown on drawing M4.0. The second control detail and first sequence is shown on drawing M4.1. The second sequence is shown on drawing M4.2. There are discrepancies in the points lists and control methods. For example, the control detail on drawing M4.0 shows a total of four isolation valves used for dual temperature changeover, whereas the detail and sequence of M4.1 specifies two isolation valves, and the sequence on M4.2 specifies 16 isolation valves. Please clarify which control sequence should be scoped and priced.

    Response: Control Drawing M4.2 shall be used to Bid this project with a maximum of 16 isolation valves that the Mechanical Contractor shall furnish and install.

15. Addendum 1 indicates that the prime contractor will be responsible for the cost of a license for themselves and subcontractors. Kindly advise on the cost of said license.

    Response: E Builder License is an annual license with an estimated cost of $1,301.

16. Bidding Instructions" note #3 on A1.0 reads: “Contractor shall include in bid price to purchase an additional 5% (five percent) of mechanical device type shown. Any additional devices not used shall be turned over to the School District of Philadelphia.” What does this note mean? What "mechanical device" is being referenced here? Which Contractor is responsible for carrying this additional cost? Is the cost carried strictly a material cost, or also a labor cost to install the additional devices? And which "additional devices not used" need to be turned over to the SDP?

    Response: Omit note #3 from A1.0. This is a bid note for the mechanical contractor.

17. Condensing Boiler specification lists Carrier as one of the boiler manufacturers. We have been contacted by a local rep of RIELLO boilers which is a Carrier company. Please advise if the Riello Array 4000 boilers would be acceptable. More information attached.

    Response: Bid as per the equipment specification documents.

18. How can the new conduit for the secondary feeders of the new transformer be installed in the airway when the temporary transformer has to be removed?

    Response: Re-route the secondary conduit and wiring for the new transformer under the sidewalk into the switchgear room.

End of Addendum