

THE SCHOOL DISTRICT OF PHILADELPHIA  
Office of Capital Programs  
440 North Broad Street, 3<sup>rd</sup> Floor – Suite 371  
Philadelphia, PA 19130

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Addendum No. 001

**Subject:** HVAC Plant Replacement  
SDP Contracts No. B-068 C-Mechanical and B-069 C-Electrical of 2017/18

**Location:** Mary McLeod Bethune School  
3301 Old York Road Philadelphia, PA 19140

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This Addendum, dated March 20, 2019, 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.

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Revise as indicated below or by attachment

1. Hydronic Piping section 232113 calls for the sole use of UPONOR piping, the cooling tower piping is 8” and 10”, we are not sure that UPONOR makes a product of that size. Also, transitioning from the existing steel/copper to PEX, back to copper/brass makes no sense, are you sure that UPONOR is the only acceptable pipe?
  - a. Schedule 40 steel piping shall be furnished and installed at the cooling tower location. Upon replacement of each unit Ventilator, Pex “A” or type “L” copper piping with pro-press fittings shall be furnished and installed at each Unit Ventilator location.
2. The summary of work indicates that the MC is to replace all control valves and mechanical controls however there is no specification for the cooling tower controls. Kindly advise.
  - a. The Manufacturer shall furnish their control valves and control packages. The engineer of Record shall approve the controls and valve arrangement.
3. This project is advertised as a Cooling Tower replacement job. There is a cooling tower listed on drawing M4.0 however there are no specifications for the equipment. The specifications do however contain sections for Modular Indoor Central Station AHU (237313) and Dedicated Outdoor Air Units (237433) which are not called for in the summary of work nor drawings. Kindly advise.
  - a. Drawing M4.0 has a Cooling Tower Schedule with a Marley MD 5008QAC as the Basis of Design. The following Cooling Towers can be furnished and installed as an equivalent - Baltimore Air Coil and Evapco Cooling Towers provided they meet the same design specifications listed on the drawing.
4. Is removal of motor from the cooling tower required? Or just the feed connected to the tower?
  - a. The motor removal is included in the mechanical contract.
5. Can you provide a location of “Existing Motor Control Panel (MCC)” within the school?

- a. The MCC is located in the Boiler/Mechanical Room.
6. Are existing spaces 16 & 17 in MCC buckets which require refurbishing?
- a. Provide customized circuit breakers with 2 year warranty specified on the drawing.
7. Existing MCC is shown at 480/277 Volt. How shall we connect a GFCI receptacle to this panel?
- a. The maintenance GFCI receptacle shall be connected to the nearest receptacle panel with spare capacity. For bidding purpose, the circuit shall be AWG #12 copper conductors in  $\frac{3}{4}$ " conduit and about 200 feet.

END OF ADDENDUM #001