Addendum No. 03

Subject: Andrew Hamilton – Major Renovation

Location: Andrew Hamilton
5640 Spruce St.
Philadelphia, Pennsylvania 19139

This Addendum, dated 26 of April, 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.

BIDDER’S QUESTIONS

Q: Reference phasing plan. At stair towers indicated to be renovated at each phase, please confirm stair tower can be closed to public for duration of each phase.

A: Stair tower will remain open for school use.

Q: What are the percentages of MWBE required for this project?

A: Refer to the Participation Goals in Division 0 of the specifications.

Q: Could you please provide the following information: Hollow Metal Door Spec, Aluminum Frame Spec, Missing Drawings –A200, A201 and A405. Please confirm Hollow Metal Door in an Aluminum frame? Aluminum Frame with a metal panel infill?

A: Hollow Metal Door specification section will be added by this addendum #3. Reference Aluminum Framed Entrances and Storefront section 08 4113 for specifications on Aluminum Frames. Reference Bid Documents posted by School District of Philadelphia for A200, A201 and A405. The project includes both hollow metal doors and metal panels within an aluminum frames system.

Q: Drawings call to replace existing MDP and remove safety switch tapped off the mains. Penn Panel & Box has advised me the number of breakers required will not fit in a single switchboard. They are quoting two switchboards and a splicing section. Do we have the space required for two switchboards and a splicing section?

A: This panel question will be answered by Addendum #3.

Q: Room schedule indicates existing floor and base at lobby. Drawing A-714 plan 7 indicates walk off carpet. Please clarify.

A: The existing quarry tile is to remain in place unless contractor finds through testing loose tiles, provide underlayment over tiles or patch area and provide new finish.
Q: SPEC. 321723 Pavement markings indicates Transpo Industries as basis of design or comparable product. Please provide 2 manufacturers that are comparable to Transpo and are acceptable.

A: Specification Section 321723, Part 2 Products, 2.1 Manufacturers: list provided of acceptable products to basis of design. Products must meet standards listed by the Basis of Design.

Q: What Phase will the Boiler room abatement be done and when will it be completed? Will the existing piping stay uninsulated until it’s replaced with new piping?

A: Boiler room abatement & Phase was answered in Addendum #2. Please reference that question and answer. Once the abatement contractor has removed all asbestos insulation materials from the boiler room piping, HC (Mech) shall re-insulate per specification section 23 0700 for the cooling piping only. All other piping shall be left uninsulated until replaced by HC (Mech) in project scope.

Q: Specification Section 230900: Can you provide any information (manufacturer, as-builds, etc.) regarding an existing Building Automation System (if any) in the school? Can you clarify that all new controllers must be BACnet BTL certified? Can you confirm that the new BAS will reside on the school TCP/IP network? Is there any BAS work associated with the existing baseboard radiation? Is a flow meter required for the hot water system? Is a flow meter required for the dual temp system?

A: The only existing controls are a Honeywell pneumatic system that is to be removed as part of the project. Reference specification section 23 0900, paragraph 1.7 for details. All unit level controllers must be BACnet. Building level controllers can be BACnet or Lonworks. Yes, the BAS will reside on the District network. No BAS work on existing baseboard radiation. No flow meter required on hot water system. No flow meter required for dual temp system.

**CHANGES TO DRAWINGS**

Drawing: E-120 BASEMENT PLAN AND ROOM TYPICALS – POWER
Revisions:

Drawing: E-121 FIRST FLOOR PLAN – POWER
Revisions:
  b. Delete current “E-121 FIRST FLOOR PLAN – POWER” sheet in its entirety and replace with new “E-121 FIRST FLOOR PLAN – POWER” attached to this addendum. Reissued in Addendum #3.

Drawing: E-122 SECOND FLOOR PLAN – POWER
Revisions:

Drawing: E-123 THIRD FLOOR PLAN – POWER
Revisions:

Drawing: E-603 ELECTRICAL SURVEILLANCE CCTV ONE-LINE
Revisions:
  a. Delete current “E-603 ELECTRICAL SURVEILLANCE CCTV ONE-LINE” sheet in its entirety and replace with new “E-603 ELECTRICAL SURVEILLANCE CCTV ONE-LINE” attached to this addendum. Reissued in Addendum #3.
Drawing: E-120 BASEMENT PLAN AND ROOM TYPICALS – POWER
Revisions:
  a. Refer to BASEMENT PLAN – POWER, Delete circuit designation for B-1, and replace with PBR-38, 40, 42. Wiring shall remain the same.
  b. Refer to BASEMENT PLAN – POWER, Delete circuit designation for B-2, and replace with PBR-32, 34, 36. Wiring shall remain the same.
  c. Refer to BASEMENT PLAN – POWER, Delete circuit designation for P-4, and replace with PBR-37, 39, 41. Wiring shall remain the same.
  d. Refer to BASEMENT PLAN – POWER, Delete circuit designation for P-5, and replace with PBR-31, 33, 35. Wiring shall remain the same.

Drawing: E-600 POWER AND DATA RISER DIAGRAMS
Revisions:
  a. Refer to PANEL: MDP, Delete 100A/3P spare breakers located at circuits 6, 23, 25, 26, 27 & 28, and 20A/3P breakers located at circuits 16 (B-1), 18 (B-2), 22 (Pump 4) & 24 (Pump 5).

Drawing: E-601 PANEL SCHEDULES
Revisions:
  a. Refer to Panel: PBR, Delete breakers indicated at the following circuits, and replace with following:
     a. Circuits 31, 33, 35 shall be 20A/3P for Pump P-5.
     b. Circuits 37, 39, 41 shall be 20A/3P for Pump P-4.
     c. Circuits 32, 34, 36 shall be 20A/3P for Boiler B-2.
     d. Circuits 38, 40, 42 shall be 20A/3P for Boiler B-1.

CHANGES TO SPECIFICATIONS
Section: 28 2300 CCTV SYSTEM
Revisions:
  a. Refer to paragraph 2.2,A; add the following subparagraph:

     6. While the system shall be capable of controlling PTZ cameras in the future, the project does not include any PTZ cameras, therefore, no 3D mouse or joystick shall be provided.
     7. Audio recording of any peripherals shall not be provided in any capacity. All recording settings must be disabled as part of the set-up of the system.

  b. Refer to paragraph 2.2,H; remove this paragraph in its entirety.

Section: 08 1113 Hollow Metal Frames
Revisions:
  a. Section 08 1113 – Hollow Metal Frames, Part 1, 1.2 Summary, ADD “Hollow Metal Doors” to this section.
  b. Section 08 1113 – Hollow Metal Frames, Part 2, ADD “2.9 – Exterior Hollow Metal Doors” and the following information:
     “A. Construct exterior doors and frames to comply with the standards indicated for materials, fabrication, hardware locations, hardware reinforcement, tolerances, and clearances, and as specified.

     Extra-Heavy-Duty Doors and Frames: SDI A250.8, Level 3. At locations indicated in the Door and Frame Schedule.
     1. Physical Performance: Level A according to SDI A250.4.
     2. Doors:
        a. Type: As indicated in the Door and Frame Schedule.
        c. Face: Metallic-coated steel sheet, minimum thickness of 0.053 inch, with minimum A40 coating.
d. Edge Construction: Model 1, Full Flush.
e. Core: Polystyrene, Polyurethane, Polyisocyanurate, or Mineral board.

3. Thermal-Rated Doors: Provide doors fabricated with thermal-resistance value (R-value) of not less than 2.1 deg F x h x sq. ft./Btu when tested according to ASTM C 1363.

4. Frames:
   a. Materials: Metallic-coated steel sheet, minimum thickness of 0.067 inch, with minimum A40 coating.
   b. Construction: Full profile welded, unless noted otherwise.

4. Exposed Finish: Prime.”

End of Addendum 03