Addendum No. 1

Subject: General Louis Wagner Middle School Culinary Art Suite Renovation
SDP Contract Nos. B-022C, B-023C, B-024C, B-025C

Location: General Louis Wagner Middle School
1701 W Chelten Ave
Philadelphia, Pennsylvania 19139

This Addendum, dated 1 of April, 2021, 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.

NOTICE: BID OPENING POSTPONED TO THURSDAY, APRIL 8, 2021

CHANGES TO SPECIFICATIONS: None

CHANGES TO DRAWINGS:

Drawing: A-100 Demo, New Work, and Ceiling Plans
Revisions:
   a. Demolition – Keynotes, modify note D03: “Remove portion of metal panel in upper window pane as req’d for new louver / A/C unit. Ref mech dwgs for more info.”
   b. Detail 1/A-100-Demolition Plan – Classroom #209, add Demolition Keynotes D03, refer to revised drawings.
   c. Detail 3/A-100-New Reflected Ceiling Plan – Classroom #209, heat detectors added for reference, refer to revised drawings.
   d. General Refl. Ceiling Plan Notes, add note #8 “Fire alarm devices / heat detectors shown on architectural RCPs are for reference only and to indicate important alignments. Reference electrical drawings for device types.”
   e. Reflected Ceiling Plan - Keynotes, modify keynotes RC-03 and RC-04 to indicate ceiling types, refer to revised drawings.

Drawing: A-300 Interior Elevations, Wall Sections, and Millwork Details
Revisions:
   a. Detail 1/A-300 – Interior Elevation, add 24” Monitor By Others, refer to revised drawings
   b. Detail 4/A-300 – Interior Elevation, edit existing note to read: “World Map” Custom Tack Board: Tack board wall covering panels w/ aluminum frame at perimeter w/ custom digital full bleed graphics mounted on homasote pinnacle tackboard panels.”
   c. Detail 7/A-300 – Section Through Instructor’s Demonstration Area, ventilation slots added to millwork face for new data rack, refer to revised drawings

Drawing: A-301 Millwork, Ceiling, and Window Details
Revisions:
   a. Detail 8B/A-301 – Typ. Student Work Station Plan, pedestal table locations added, refer to revised drawings
   b. Detail 9B/A-301 – ADA Student Work Station Plan, pedestal table locations added, refer to revised drawings
c. Detail 11C/A-301 – Demo Station Plan and Detail 11A/A-301 – Demo Station Elevation, cabinets reconfigured due to addition of data rack by others, refer to revised drawings.

**Drawing: A-700 Finish, Furniture, and Equipment Plans**

Revisions:

**Drawing: M-200 Room 209 and 210 Demolition Plan**

Revision:
- a. Revised sheet note #2.

**Drawing: M-300 Room 209 and 210 New Work Plan**

Revision:
- a. Added pipe insulation requirements.
- b. Modified notes for ceiling and masonry work in corridor.

**Drawing: E-100 Room 209 and 210 Electrical Demolition Plans**

Revision:
- d. Added tags to ceiling mounted speakers “PA” (public address) for clarification.

**Drawing: E-200 Room 209 and 210 Lighting New Plan**

Revision:
- a. Added relays for switch zone e, f & g.
- b. Changed switch g to $LVD.
- c. Added Sheet note #3.
- d. Updated mounting for fixture type D in lighting fixture schedule.

**Drawing: E-300 Room 209 and 210 Power and Special Systems New Plans**

Revision:
- a. Added two duplex gfci receptacle above counter at instructor’s demonstration area.
- b. Added existing to remain ceiling mounted PA speaker, see new sheet note #11.
- d. *ADD NOTE: “EC to provide and install (1) quad outlet inside base cabinet at demonstration station for new A/V rack. Connect to spare circuit breaker in new panel 209. Provide recessed poke thru device (see sheet note 9) to be installed at demonstration station for power and data connections. Provide a data outlet with 1” conduit down to floor below for A/V wiring connections to A/V rack at demonstration table.”*

**Drawing: E-400 Single Line Diagram**

Revision:
- a. Updated Panel 209 to be 60 circuit panelboard.
- b. Added new circuit for countertop receptacle at instructor’s demonstration area.

**Drawing: E-510 Electrical Details**

Revision:
- Updated matrix to show CATV.

**Drawing: E-520 Electrical Zone Lighting Control Details**

Revision:
- a. Added wiring diagram for zone g.
- b. Updated model # for $VS.

**BIDDER’S QUESTIONS SUBMITTED TO DATE AND RESPONSES ARE AS FOLLOWS:**

**Question 1:** The basis of design for dimming switch symbol "$D" controlling zone g has not been specified. Was there a typo for this symbol on the plans and it was meant to be shown as symbol "$LVD", which is a digital dimmer? Or was this dimmer meant to be a non-digital dimmer for some reason? Please clarify design intent.

**Answer 1:** Switch shall be $LVD – see addendum 1.
Question 2: Regarding general note 11 on E-300, please confirm painting of raceways is by the GC, per spec section 011000-1.2(1)(j).
Answer 2: GC to paint all new and existing piping, conduit, raceway, etc. to match adjacent wall / surface.

Question 3: Acoustical ceiling types – please list what rooms receive each type
Answer 3: Room 209 to receive CLG-1 while rooms 105 & 106 to receive CLG-2, reference specification 09 5113 “Acoustical Panel Ceilings” for more information.

Question 4: Asbestos report has floor in room 105&106 being removed, but not shown on finish schedule to replace with new VCT.
Answer 4: New VCT is to be provided for Room 105, see detail 4 on revised sheet A. Please note flooring in Room 106 has already been replaced and is to remain.

Question 5: Are the appliances listed on drawing part of GC scope of work?
Answer 5: Yes, appliances listed on A-700 are part of GC scope of work.

Question 6: On Drawing E-100, there are three (3) fire alarm speakers with a note 3 next to them. On E-300, there are five (5) fire alarm speakers. Are there two (2) new devices or are they relocated from another area of the room?
Answer 6: E-100 includes ceiling mounted PA speakers. Drawing E-300 is revised to include this reinstallation. Heat detectors shown in E-300 are all new, to be installed in place of existing smoke detectors. See sheet note 5. Please refer to legend for symbols identification.

Question 7: On Drawing E-200, the power pack relays for zone E & F shown on drawing E-520 are not shown. Are they required?
Answer 7: Relays are required, refer to updated drawing E-200, addendum 1.

Question 8: On Drawing E-400, who provides the housekeeping pad for the transformer?
Answer 8: Housekeeping pad provided by E.C.

Question 9: On Drawing E-400, the panel schedule for Pnl 209 skips from 48 to 67. Is this supposed to be a 72 circuit panelboard or a 54 circuit panelboard?
Answer 9: Panel 209 shall be a 60 circuit panelboard. Refer to addendum 1.

Question 10: On Drawing A-100, Detail #4, RC-04 is not referenced on the electrical drawings for the removal and reinstallation of the 1st floor lighting fixtures. Should it be or will a 1st floor drawing be added for the electrical set of drawings to show that scope of work?
Answer 10: Existing 1st floor lighting fixtures are to remain and be temporarily suspended during work, reference Reflected Ceiling Plan Keynote RC-04 on sheet A-100.

Question 11: On drawing A-100, Detail #3, the ceiling mounted fire alarm devices are not indicated. Will they be added for coordination purposes?
Answer 11: Yes, fire devices will be indicated on A-100, Detail #3 for reference only, see Addendum 1.

Question 12: Will the 1st floor ceiling need to be reinstalled prior to the start of next school?
Answer 12: No, the 1st floor ceiling does not need to be reinstalled prior to the start of next school.

Question 13: Will the wireless access points in the junction boxes be installed by the IT department or by this scope of work?
Answer 13: Wireless Access Point enclosure shall be provided and installed by EC as per drawings. SDP Tech Services will install the AP equipment into the enclosures once construction is complete.

Question 14: Who installs the TV’s at the instructor’s desk and the 75” monitor?
Answer 14: TVs to be installed by separate SDP vendor.
Question 15: On Drawing A-300, detail #7, who removes the 2nd ceiling to allow access above the instructor’s station to allow access to the concrete slab? Do the cameras require rough-in? If so will they be provided by others to complete the work over the station?
Answer 15: GC is to remove the plaster ceiling for access to concrete slab. Cameras to be installed by separate SDP vendor.

Question 16: The Type F undercounter lights are shown under the upper casework. Will there be a chase for the wiring for these lights or will the wiring be installed through the shelving since it can’t be installed in the existing walls? The same question applies for the oven. Will there be a chase for the wiring through the upper cabinet?
Answer 16: Wiring can be installed through the shelving.

Question 17: Will the stainless steel counter be provided with holes for the pedestal receptacle boxes?
Answer 17: Yes, holes shall be provided for pedestal receptacle boxes. See revised details 8B and 9B on sheet A-301.

Question 18: For the monitors over the instructor’s station, how many cables and jacks are required since the symbol is not shown on Drawing E-000?
Answer 18: For each monitor – provide duplex receptacle, CATV outlet, and a single data jack with 1-CAT-6A cable. See drawing E-510 for more information.

End of Addendum No. 1
NEW WORK PLAN - CLASSROOM #209

ROOMS 105 & 106 SCHEMATIC REFLECTED CEILING PLAN

NEW REFLECTED CEILING PLAN - CLASSROOM #209

DEMO, NEW WORK, AND CEILING PLANS

GENERAL FLOOR PLAN NOTES:

FLOOR PLAN SYMBOLS LEGEND & KEY:

GENERAL REFLECTED CEILING PLAN NOTES:

REFL. CEILING PLAN SYMBOLS LEGEND:

DEMO, NEW RADIATORS BY MC. SEE MECH DWGS FOR MORE INFO.

REMOVE EXISTING BASE AND UPPER CABINETS AND COUNTERTOPS AND ANY EQUIPMENT, CASEWORK, AND FITTINGS:

NEW UPPER AND LOWER CABINETS, SEE A-300 FOR MORE INFO.

34" AFF. REFER TO DETAIL 11 ON A-301 FOR MORE DETAILS. REFER TO DETAIL PLAN @ CLOSET

NEW LOUVER / A/C UNIT. REF MECH DWGS FOR MORE INFO.

DEMO, NEW WORK, AND EQUIPMENT / STRUCTURE. CLG-1.

NEW GWB SOFFIT ENCLOSURE, COORDINATE WORK WITH M.E.P.

NEW M.E.P. PRIOR TO NEW CEILING IN THIS AREA. SALVAGE APPROX 200 X##

DEMOLISH SUSPENDED CEILING ASSEMBLY IN ITS ENTIRETY - COORDINATE WORK WITH M.E.P.

DEMOLISH EXISTING INTERIOR DOOR, DOOR FRAME STOPS, AND ASSOCIATED HARDWARE.

PROVIDE INTERIOR PARTITION: 6" METAL STUD W/ IMPACT RESISTENT 5/8" NOT USED

NEW RADIATOR INSTALLATION, SEE MECH DWGS.

REINSTALLATION. PREP FOR NEW FRAME INFILL.

PROTECTION AS REQ'D. SALVAGE EXISTING SECURITY DOOR CONTACTS FOR HARDWARE. EXISTING WOOD TRIM TO REMAIN, PROVIDE PROPER SPACE ABOVE AND REPLACED IN KIND WHEN WORK IS FINISHED. MATCH CLG-2.

EXISTING ACT CEILING TILES AND GRID TO BE REMOVED FOR WORK IN DIFFERENT SPACES.

EXISTING ADHERED CEILING TILES AS NECESSARY FOR NEW SOFFIT

DEMO, NEW WORK, AND PREPARE UNDERSIDE OF EXISTING CONCRETE SLAB FOR NEW WORK.

DEMO, NEW WORK, AND PREPARE UNDERSIDE OF EXISTING CONCRETE SLAB FOR NEW WORK.

HARDWARE. EXISTING WOOD TRIM TO REMAIN, PROVIDE PROPER SPACE ABOVE AND REPLACED IN KIND WHEN WORK IS FINISHED. MATCH CLG-2.

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DEMO, NEW WORK, AND PREPARE UNDERSIDE OF EXISTING CONCRETE SLAB FOR NEW WORK.
GENERAL NOTES

1. All work shall comply with the 2018 International Building Code (IBC), the 2018 International Mechanical Code (IMC), the 2018 Philadelphia Plumbing Code, the 2018 International Energy Conservation Code (IECC), the 2017 National Electrical Code (NEC) as well as all applicable state and local codes, amendments & ordinances.

2. For symbols, abbreviations and general notes, refer to the mechanical lead sheet.

3. Contractor shall verify exact size, location and configuration of all existing conditions in field. Confirm all existing conditions prior to starting work.

4. Owner has right to claim any item after demolition; confirm with owner prior to disposal.

5. Refer to A-300 for existing floor construction. Building has integral concrete joists that cannot be core drilled.

ROOM 209 AND 210 MECHANICAL DEMOLITION PLAN
GENERAL NOTES
1. DRAWN TO SCALE 1:120. UNLESS OTHERWISE NOTED, ALL DISTANCES ARE IN FEET. ALL TOOLS AND MACHINERY IS INCLUDED.

SHEET NOTES
- PROVIDE INSULATION FOR STEAM/CONDENSATE PIPING PER SPECIFICATIONS.
- PROVIDE NEW RADIATOR AS SCHEDULED. EXTEND NEW STEAM AND CONDENSATE PIPING UP THRU (E)FLOOR CORES TO RADIATOR AS REQUIRED. PROVIDE NEW THERMOSTATIC STEAM CONTROL VALVE AND STEAM TRAP. REFER TO DETAIL 2/H-400 FOR ADDITIONAL INFORMATION
- PROVIDE MINERAL FIBER INSULATION OF SAME THICKNESS FROM 6FT TO CEILING. PROVIDE ADDITIONAL INSULATION REQUIREMENTS.
- PROVIDE 120VAC ACTUATOR AND 120VAC END SWITCH. FAN POWER SHALL BE PROVIDED WHERE REQUIRED TO PERFORM WORK.
- PROTECT SHEET METAL DUCTWORK SYSTEM. INSULATE NEW PIPING PER SPECIFICATIONS.

ADDITIONAL INSULATION REQUIREMENTS
- PROVIDE INSULATION FOR STEAM/CONDENSATE PIPING PER SPECIFICATIONS.
- PROVIDE NEW RADIATOR AS SCHEDULED. EXTEND NEW STEAM AND CONDENSATE PIPING UP THRU (E)FLOOR CORES TO RADIATOR AS REQUIRED. PROVIDE NEW THERMOSTATIC STEAM CONTROL VALVE AND STEAM TRAP. REFER TO DETAIL 2/H-400 FOR ADDITIONAL INFORMATION
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- PROTECT SHEET METAL DUCTWORK SYSTEM. INSULATE NEW PIPING PER SPECIFICATIONS.

ARCHITECT:

ROOM 209 AND 210 MECHANICAL NEW WORK PLAN
LIGHTING FIXTURE SCHEDULE

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<th>TYPE</th>
<th>DESCRIPTION</th>
<th>NO.</th>
<th>MOUNTING</th>
<th>MANUFACTURER &amp; CATALOG NUMBER</th>
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<td>48 V</td>
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NOTE: REFER TO ARCHITECTURAL INTERIOR ELEVATION PLANS AND MILLWORK DETAILS FOR EXACT HEIGHT AND LENGTH OF FIXTURES PRIOR TO PURCHASE. FINAL SELECTION BY ARCHITECT.
GENERAL NOTES

1. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SUBMIT FIRE ALARM SYSTEM SHOP DRAWINGS FOR REVIEW AND APPROVAL. THE FIRE ALARM SYSTEM CONTRACTOR SHALL BE RESPONSIBLE FOR INCORPORATING THE REQUIRED FEATURES TO THE CONTRACTOR'S SHOP DRAWINGS. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SUBMIT FIRE ALARM SYSTEM SHOP DRAWINGS FOR REVIEW AND APPROVAL.

2. ALL DEVICES CIRCUITED TO PANEL 209, UNLESS NOTED OTHERWISE.

3. PROVIDE A FLOOR PLAN TO SHOW THE ROOM OR SPACE WHERE THE PROPOSED EQUIPMENT IS TO BE INSTALLED. PROVIDE A FLOOR PLAN TO SHOW THE ROOM OR SPACE WHERE THE PROPOSED EQUIPMENT IS TO BE INSTALLED.

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46. PROVIDE A FLOOR PLAN TO SHOW THE ROOM OR SPACE WHERE THE PROPOSED EQUIPMENT IS TO BE INSTALLE
SINGLE LINE DIAGRAM

PNL 209(NEW)

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GENERAL NOTES

1. All work shall comply with the National Electrical Code as well as all applicable State and Local Codes.

2. For symbols, abbreviations and general notes, refer to Electrical Lead Sheet.

3. E.C. shall perform a load study to record the demand over a 30-day period and determine the maximum demand as per NEC 220.87 for existing main distribution panel. Confirm the maximum demand at 125% plus the new load does not exceed the ampacity of the feeder or rating of the overcurrent protective device prior to adding additional load.

LEGEND

EXISTING TO REMAIN

NEW
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<td>B</td>
<td>Gang Backbox W/ Double Jack Double Gang</td>
</tr>
<tr>
<td>C</td>
<td>Gang Mud Ring Adapter</td>
</tr>
<tr>
<td>D</td>
<td>Gang Mud Ring Adapter</td>
</tr>
<tr>
<td>E</td>
<td>Gang Backbox W/ Double Jack Double Gang</td>
</tr>
</tbody>
</table>

**Electrical Details**

- **WAP Enclosure Detail**
- **Enclosure 12x10x6 with Solid Front Hinged Access Door with Key Lock.**
- **nVent Hoffman Model # AB811-A12106CHSCFG RF-Transparent Fiberglass.**

**Notes:**
1. Cut-Label Cables prostitute the enclosure through the perforability openings and shall be terminated elsewhere also from the enclosure.
2. Cut-Label Cables shall be cut to length as they pass through the enclosure.
3. Cut-Label Cables shall penetrate the enclosure through the top-left rear.
4. Each enclosure box shall be mounted vertically, lock side up. Maximum installation height shall be 13ft above or 6 inches from the ceiling.
5. Telephone outlets shall be 3/4" above accessible back.
6. Match existing cable color.
7. Match existing cable color.
8. Cat-6A cables shall penetrate the enclosure through the top-right rear.

**Notes for the Contractor:**
- Cut-Label Cables will be cut to length as they pass through the enclosure.
- Cut-Label Cables shall penetrate the enclosure through the top-left rear.
- Each enclosure box shall be mounted vertically, lock side up. Maximum installation height shall be 13ft above or 6 inches from the ceiling.
- Match existing cable color.
- Cut-Label Cables will be cut to length as they pass through the enclosure.
- Cut-Label Cables shall penetrate the enclosure through the top-right rear.

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- Each enclosure box shall be mounted vertically, lock side up. Maximum installation height shall be 13ft above or 6 inches from the ceiling.
- Match existing cable color.
- Cut-Label Cables will be cut to length as they pass through the enclosure.
- Cut-Label Cables shall penetrate the enclosure through the top-right rear.

**Notes for the Contractor:**
- Cut-Label Cables will be cut to length as they pass through the enclosure.
- Cut-Label Cables shall penetrate the enclosure through the top-left rear.
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