

**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. 03

Subject: Vare-Washington Elementary School – Electrical Upgrade
SDP Contract No. B-044C of 2017/18

Location: Vare-Washington Elementary School
1198 S. 5th Street
Philadelphia, Pennsylvania 19147

This Addendum, dated October 02, 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.

1. CHANGES TO SPECIFICATIONS:

ADD the attached Section 01 1650-ALLOWANCES to the Division 01 GENERAL SPECIFICATIONS

2. REVISED BID PROPOSAL FORM:

DELETE the original Bid Proposal Form included in the Bidding and Contract Documents;

SUBMIT the attached Revised Bid Proposal Form

3. BID RFI'S:

Question 1: Drawing E-801.0, General Note B, and Drawing ED-801.0, General Note B, state the contractor is to pay all PECO charges as described therein. While this is an eventual responsibility of the contractor, the costs associated with this cannot be estimated since PECO will not provide a cost until the awarded contractor has submitted an application for service and metering. As such, we request an allowance be specified to be included in each bidder's proposals. Please specify.

Response: This Allowance is for PECO work to replace existing 240 volt, 2 phase, service with new 480/277 volt, 3 phase service.

Disconnecting work involves removal of existing 240 volt, 2 phase service including feeders, main switches, metering cabinet and PECO meter.

New work shall be to provide 480/277 volt service, a utility transformer, CT cabinet, feeders from utility pole to the transformer and pedestal mounted utility meter enclosure and meter socket.

Allowance to be paid as provided in General Requirements, Section 01 1650 ALLOWANCES

Amount of Allowance included in Base Bid: \$25,000.

Question 2: The TELCOM RISER DIAGRAM on drawing E-601.0 is unclear with respect to the pathway requirements. Please note the following.

- a. From the MDF Room, there are (4) 4"C shown to be installed to the 3rd Floor, but the same line continues and has a note that shows this to be (2) 4" C at the 3rd Floor level. What is the correct quantity of 4" conduits that are to be installed from the MDF to the 3rd Floor? Please clarify.

Response: Provide 4" conduit from IDF room to basement, 2nd and 3rd floor. Conduits are not required to be installed from the MDF room.

- b. Similar to the previous question, the IDF also shows (4) 4" C to the 3rd floor but then shows (2) 4" C at the 3rd Floor level. What is the correct quantity of 4" conduits that are to be installed from the IDF to the 3rd Floor? Please clarify.

Response: Provide 4" conduit from IDF room to basement, 2nd and 3rd floor. Conduits are not required to be installed from the MDF room.

- c. Regarding the previous question, if there are 4" conduit provisions from the MDF to the 3rd Floor, then why is there also a redundant requirement from the IDF? Please clarify. Again, the diagram is unclear with respect to the design intent. Please revise the diagram, or provide a detailed narrative of the pathway requirements.

Response: Provide 4" conduit from IDF room to basement, 2nd and 3rd floor. Conduits are not required to be installed from the MDF room.

Question 3: Drawing E-100.0, Keyed Notes 8 and 13, state to provide new "pumps" and a new "air compressor". Referencing the new Summary Description of Work, under the "Power Distribution" section, paragraph 'x' states to replace existing motors with new motors, and referencing drawing E-601.0 MOTOR SCHEDULE, the information provided is for motors only. Therefore, it is understood and assumed that only new motors are to be provided, and not pumps or an air compressor. Please confirm or clarify otherwise.

Response: Replace the motors in the existing pumps and air compressors as indicated on the Motor Schedule on Drawing E-601.0.

Question 4: The designations and locations of panels, as depicted on drawing E-801.0 does not coordinate with the designations and locations shown on the floor plans. Please correct the diagram to be consistent with the floor plans, noting the following discrepancies.

- a. Panel 'A', as shown on drawing E-801.0, referencing Keyed Note 10, shown to be located in the Basement, is assumed to be the same as Panel 'A1', as shown on drawing E-101.0 (First Floor), referencing Keyed Note 5. Please confirm or clarify otherwise.

Response: Panel 'A' on drawing E-801.0 shall be Panel 'A1'.

- b. Panel 'AC1', as shown on drawing E-801.0, is shown to be in the Basement, however, the panel is shown on drawing E-101.0, of the 1st Floor, as being located in Storage. Please clarify the location, as shown on E-101.0, is correct.

Response: Panel 'AC1' shall be located on 1st Floor storage room.

- c. Panel 'AC2', as shown on drawing E-801.0, is shown to be in the Basement, however, the panel is shown on drawing E-102.0, of the 2nd Floor, as being located in Book Storage. Please clarify the location, as shown on E-102.0, is correct.

Response: Drawing E-102.0 is correct, Panel 'AC2' shall be located on 2nd Floor storage room.

- d. Panel 'AC3', as shown on drawing E-801.0, is shown to be in the Basement, however, the panel is shown on drawing E-101.0, of the 3rd Floor, as being located in Book Storage. Please clarify the location, as shown on E-103.0, is correct.

Response: Drawing E-103.0 is correct, Panel 'AC3' shall be located on 3rd Floor storage room.

- e. Drawing E-100.0 shows Panel 'AC' in the Basement Storage area, but this panel is not shown on the single line diagram of drawing E-801.0, nor is it identified in the panel schedules. Please clarify which panel this is supposed to be?

Response: Panel 'AC' in the Basement Storage area is not required. Remove from project.

- f. Panel 'D1', as shown on drawing E-801.0, is shown to be on the 1st Floor, but the panel is not shown on the floor plan, drawing E-101.0. Please specify location of panel.

Response: Panel 'D1' shall be located on the wall adjacent to the FACP in the storage room.

- g. Panel 'B2', as shown on drawing E-801.0, is shown to be in the 2nd Floor, but the panel is not shown on the floor plan, drawing E-102.0. Please specify location of panel.

Response: Panel 'B2' shall be located on the wall adjacent to Panel AC2 in the storage room.

- h. Similar to the questions above, the panel schedules include location information that is likewise not consistent with the floor plans. For example, the schedule for Panel 'B' states the location is in Corridor B, but the corresponding floor plan, drawing E-100.0, shows the panel in the Storage area. Please clarify, and correct, all locations as identified in the panel schedules.

Response: Refer to the above responses for panel locations.

Question 5: The original version of the drawing E-100.0 contained a Keyed Note 5, which included a requirement to install concrete housekeeping pads under some of the new equipment. The version of this drawing, as revised by Addendum No. 2, still contains Keyed Note 5 with a requirement for housekeeping pads, but the note is no longer associated with any of the new equipment including MDP-1, MDP-2, MDP-3, T1 or T2. Should all, or part of, the aforementioned equipment receive housekeeping pads? Please clarify.

Response: Provide 6" thick housekeeping pads for MDP-1, MDP-2, MDP-3, T1 and T2.

Question 6: Drawing E-102: What is the floor plan location of Panel B2 and Panel D1?

Response: Panel 'B2' shall be located on the wall adjacent to Panel AC2 in the storage room. Panel 'D1' shall be located on the wall adjacent to the FACP in the storage room.

Question 7: Please confirm as stated at the pre-bid meeting all conduit in the basement will be GRC and EMT is acceptable on the upper floors.

Response: Refer to general note C on electrical power plans. All new conduits for branch circuits in corridors, classrooms, and offices shall be type EMT. All new conduits for branch circuits in boiler rooms, electrical rooms and mechanical rooms shall be rigid steel.

Question 8: Drawing E-801: Confirming the MDP feeding from transformer T-2 is MDP-3.

Response: Yes. MDP feeding from transformer T-2 is MDP-3.

Question 9: Drawing E-050, Keynote 4 shows four 4" conduits for the secondary with two spares. Drawing E-801, single line shows four 4" conduits for the secondary with one spare. Which is correct?

Response: Provide conduits as noted on drawing E-050; (4) 4" conduits with 2 spares.

Question 10: Drawing E-100.0 shows Panel AC in basement, panel is not shown on the single line drawing E-801. Where do we feed this panel from?

Response: Panel 'AC' in the Basement Storage area is not required. Remove from project.

Question 11: Drawing E-200 and various locations: Night lights are circuited to the same circuit as non-night lights. How do we control? Recreation room is the best example.

Response: All night lights shall be circuited to the unswitched side of the lighting circuit. No control is required for night lights.

Question 12: Can the specifications be relaxed to allow ½" conduit and set screw couplings for branch circuits?

Response: Provide minimum ¾" conduit and compression type fittings as indicated on design documents.

End of Addendum No. 3.

ATTACHMENTS

- 1. SECTION 01 1650 ALLOWANCES**
- 2. REVISED BID PROPOSAL FORM**

SECTION 01 1650 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for allowances.

An Allowance is a lump sum amount included in the Bid Form to be paid to the Contractor for materials or services to be provided by the contractor or others and described or shown elsewhere in the Contract Documents as work to be paid for as an allowance. The amount paid under an allowance shall be adjusted by appropriate modification for the actual amount of materials or services provided

1.3 PROCEDURES FOR ALLOWANCES

- A. Allowances for materials or services to be provided by the Contractor include all necessary costs of labor, materials and equipment plus cost for delivery, installation, insurance, applicable taxes, overhead and profit. Disposal of materials shall include all cost of demolition, excavation, handling, transportation, testing and permit fees. Compensation for allowances for materials or services provided by the Contractor shall be paid in accordance with the provisions of GC-12.1.4.1
- B. Allowances for materials or services to be provided by others shall include the net amount invoiced by the other party without further markup.
- C. Allowances for materials or services to be provided by the Contractor shall be paid upon receipt of documentation that the materials have been provided or services covered by the allowance have been satisfactorily completed.
- D. Allowances for materials or services to be provided by others shall be paid upon receipt of the invoice(s) submitted to the Contractor by the other party providing the materials or services and proof of payment.
- E. List of Allowances: See the Bid Proposal Forms for the respective prime contractors for lists of Allowances. Specification sections or drawings referenced in the Allowance description contain requirements for materials or services described under each Allowance.

**BID PROPOSAL FORM (REVISED)
ELECTRICAL UPGRADE PROJECT
VARE-WASHINGTON SCHOOL**

Contract No. B-044C of 2017/18-Electrical Construction

TO: The School District of Philadelphia
Board of Education

OWNER

Office of Capital Programs
The School District of Philadelphia
440 North Broad Street
Third Floor - Suite 371
Philadelphia, PA 19130-4015

ADDRESS

FROM: _____

**CONTRACTOR
ADDRESS**

**CITY/STATE
CONTACT NAME
PHONE NO.**

BASE CONTRACT PROPOSAL:

1. Having become completely familiar with the local conditions affecting the cost of Work at the place where Work is to be executed, and having carefully examined the site conditions as they currently exist, and having carefully examined the Bidding and Contract Documents prepared for this project, together with any Addenda to such Bidding and Contract Documents as listed hereinafter, the Undersigned hereby proposes and agrees to provide all labor, materials, plant, equipment, transportation and other facilities as necessary and/or required to execute all of the Work described by the Contract Documents for: **Contract No. B-044C of 2017/18-Electrical Construction**

for the lump sum consideration of: _____
_____ Dollars (\$_____), said amount being hereinafter referred to as the Base Proposal Amount. Base Proposal Amount includes Unit Price or Allowance Items listed below, if applicable.

ALLOWANCES:

ALLOWANCE NO.1- This Allowance is for PECO work to replace existing 240

volt, 2 phase, service with new 480/277 volt, 3 phase service.

Disconnecting work involves removal of existing 240 volt, 2 phase service including feeders, main switches, metering cabinet and PECO meter.

New work shall be to provide 480/277 volt service, a utility transformer, CT cabinet, feeders from utility pole to the transformer and pedestal mounted utility meter enclosure and meter socket.

As shown or indicated on Drawings ED-801.0 and E-801.0

Amount of Allowance included in Base Bid: \$25,000.

UNIT PRICES (Not applicable to this Contract)

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDA:

2. The Undersigned acknowledges receipt of the following Addenda (list by number and date appearing on Addenda):

<u>Addendum No.</u>	<u>Date</u>	<u>Addendum No.</u>	<u>Date</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

TIME OF COMPLETION:

3. The Undersigned agrees to Substantially Complete all Work under this Contract within the time periods specified in Division 1, General Requirements, Section 00 1300 entitled "Time of Completion, Milestones and Phasing or Sequencing Requirements".

INSURANCE:

4. All Bidders are instructed to refer to Article GC-11 of the General Conditions. All Contractors or Subcontractors bidding Work on the Project shall include in their bids the costs of Workers Compensation and Employer's Liability Insurance, Commercial General Liability Insurance, Automobile Liability Insurance, Excess Umbrella

Liability Insurance (Commercial Umbrella Liability Insurance) and any other types of insurance identified in Division 1- General Requirements, Section 01200 (or 01 1200) entitled "Special Insurance Requirements".

LIQUIDATED DAMAGES:

5. Upon failure by the Contractor to achieve Substantial Completion within the time specified in Article GC-8 of the General Conditions from the Date of Commencement as set forth in the Notice to Proceed, the Contractor shall pay to the School District, as liquidated damages and not as a penalty, the sum of One Thousand Dollars (\$1,000.00) per day for each consecutive calendar day of delay until such time as Substantial Completion of the Work is achieved.

6. In addition, the Contractor shall be responsible for and pay for the cost of completion of construction of the Work, as well as for any and all additional charges of the School District, Architect/Engineer, other Project Contractors, and any other Consultants to the School District relating to the Contractor's failure to achieve Substantial Completion on a timely basis, including, but not limited to, delay damages, disruption damages, acceleration costs or expenses, investigative expenses, consulting fees, experts' fees, and attorneys' fees.

7. The Contractor and the School District agree that the amounts so fixed herein as liquidated damages are reasonable forecasts of just compensation for the harm that will be caused to the School District by the Contractor's breach.

GENERAL STATEMENT:

8. The Undersigned declares that the person or persons signing this Proposal is/are fully authorized to sign on behalf of the firm listed and to fully bind the firm listed to all the Proposal's conditions and provisions thereof.

9. It is agreed that the Undersigned has complied or will comply with all requirements of local, state, and federal laws, and that no legal requirement has been or will be violated in making or accepting this Proposal, in awarding the Contract to it and/or in prosecution of the Work.

10. Bid Security in the amount of ten percent (10%) of the Base Bid, plus all additive Alternates Proposal amounts, is attached hereto and made a part hereof, without endorsement, in the sum of _____ Dollars (\$ _____), which shall become the property of the School District in the event the Contract and Performance Bond and Labor and Materialmen's Bond are not executed within the time set forth, as liquidated damages.

11. The Undersigned further agrees within five (5) calendar days from date of

(CORPORATE SEAL)

Signature by anyone other than the President or Vice President and the Secretary or Treasurer of the Corporation must be accompanied by a power of attorney, executed by the proper corporate officers under the corporate seal indicating authority to execute this Bid.