

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

TELEPHONE: (215) 400-4730

Addendum No. 3

Subject: Major Renovation
General Construction – B-800C of 2016/17
Mechanical Construction – B-801C of 2016/17
Plumbing Construction – B-802C of 2016/17
Electrical Construction – B-803C of 2016/17

Location: Roosevelt Elementary School
430 E Washington Lane, Philadelphia, PA 19144

This Addendum, dated 29th of March, 2018, 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.

A. BIDDERS' QUESTIONS:

QUESTION 1: Spec 095113 Acoustical Panel Ceilings Section 2.6-A-3 calls for the Cap Material and Finish to be Aluminum. Please confirm.

RESPONSE 1: Section 09 5113; Acoustical Panel Ceilings: **Delete** paragraph 2.4.D - APC-3 not required. **Retain** paragraph 2.6.A.3 - Cap material shall be aluminum with white painted finish.

QUESTION 2: Please confirm school district will be responsible to remove all furniture, desks, tables, loose wall items, etc. from the work areas.

RESPONSE 2: The School District of Philadelphia will be responsible to remove all furniture, desks, tables, loose wall items, etc. from the work areas.

QUESTION 3: Site work can be started during the school year as soon as the new fence dividing the school yard is installed. Please confirm this is correct.

RESPONSE 3: Yes, it is correct.

QUESTION 4: Please provide sketch indicating location(s) of temporary fence required.

RESPONSE 4: The contractor shall provide temporary fence as required during construction to ensure safety of the school staff and students and to restrict access to active construction areas.

QUESTION 5: Drawings A-140, A-141, A-142 roof demo and prep notes #4 & #5 indicate repair concrete if deteriorated, replace deteriorated wood nailers.

Since this is an unknown, please provide quantities to base bid on. Or will this be considered additional work?

Addendum No. 3 (cont'd)

Additional general requirements note # 8 is also an unknown please provide info to base bid on or will this be considered additional work.

RESPONSE 5:

B. CHANGESTO EXISTING DRAWINGS:

Item 01: On Drawings **A-140, A-141 And A-142** - Roof Demolition and Preparation Work: Note Number 4; **Add** after the last sentence; The Contractor shall provide the concrete deck repair cost in the base bid in accordance with the Unit Prices and Specification 03 0111 - Concrete Deck Rehabilitation.

Item 02: On Drawings **A-140, A-141 And A-142** - Roof Demolition and Preparation Work: Note Number 5; **Add** after the last sentence; The Contractor shall provide the cost to replace the existing damaged or deteriorated wood nailers in the base bid in accordance with the Unit Prices. (not wood blocking required to raise curbs or as indicated).

Item 03: On Drawings **A-140, A-141 And A-142** - Additional General Requirements: Note Number 8; **Add** after the last sentence: The Contractor shall provide a cost in the base bid for the replacement of existing damaged or deteriorated wood nailers in accordance with the Unit Prices. (not wood blocking required to raise curbs or as indicated).

C. NEW DRAWINGS

Elevator Drawings SK-2A and SK-2B (copies attached) have been added to the scope of the project.

D. CHANGES TO SPECIFICATIONS:

Item 01: Add Section 03 0111; Concrete Deck Rehabilitation (copy attached)

Item 02: Note: **A REVISED BID PROPOSAL FORM FOR THE GENERAL CONSTRUCTION CONTRACTOR, including two (2) additional unit price items for concrete deck repair and wood nailer replacement, is attached to this addendum.**

QUESTION 6: Specifications do not call out type or thickness insulation for Steam Supply/Return. Please clarify.

RESPONSE 6: Provide 2" insulation with a minimum density of $4 - 4.6 \text{ ft}^2 \text{ hr } ^\circ\text{F} / \text{Btu}$.

QUESTION 7: Pelco cameras? Spec says Interlogix complete?

RESPONSE 7: Refer to Spec 28 0500 Section 1.3-G for the SDP standard equipment to be provided on this project.

QUESTION 8: How many existing cameras and are they IP or Analog?

RESPONSE 8: There were 14 CCTV cameras installed at the time of design. NO work is associated with the existing CCTV equipment unless disturbed during construction. Refer to T-000 "Existing Security System Notes."

Addendum No. 3 (cont'd)

QUESTION 9: Need to simplify the single line drawing. Only need 1 showing the typical way we would with cameras. Not sure what the RS485v daisy chain is doing. You can get the 270 degree Pelco for the same cost as a Interlogix PTZ. The 360 degree by Pelco is a phenomenal camera but a bit pricier if the need exists.

RESPONSE 9: Project shall be bid as shown on the drawings and required by the specifications.

QUESTION 10: The single line as well shown existing DVR & new DVR. It should all be one new NVR (Pelco?) at the end of the day. We will install encoders to get the existing analog video (I assume they are older analog cameras) to the new NVR.

RESPONSE 10: Existing DVR is to remain. Project shall be bid as shown on the drawings and required by the specifications.

QUESTION 11: Are the existing & new rack locations the same?

RESPONSE 11: Refer to drawing T-400. New equipment shall be installed in the existing cabinet as shown.

QUESTION 12: First section on CCTV, under section A, #1 & 2 on the first page say to extend existing system? Not sure what the RS485 daisy chain is doing? They would need to show encoders if the existing cameras are analog.

RESPONSE 12: New CCTV cameras and associated equipment shall be compatible with and in addition to the existing CCTV equipment. RS485 control circuit is required by the specified PTZ cameras at the time of design.

QUESTION 13: Further down the parts spec is all Interlogix CCTV items and not sure if that is correct, probably should be Pelco.

RESPONSE 13: Refer to 28 0500, 1.3-G for the SDP standard equipment to be used on this project.

QUESTION 14: So then the drawings show 2 different single line diagrams. Also shows old & new devices staying in the same rack?

RESPONSE 14: Refer to drawing T-400. Separate risers for CCTV video and CCTV low voltage power & control were provided for clarity, rather than trying to show all cables on the same riser. New equipment shall be installed in the existing cabinet, as shown.

Attachments:

Elevator Drawings SK-2A and SK-2B (2 sheets)
Section 03 011-Concrete Deck Rehabilitation (1 page)
Revised Bid Proposal Form-General Construction (7 pages)

-END OF ADDENDUM NO. 3

1 - PASSENGER ELEVATOR
CLASS "A" LOADING
2500# @ 100 FPM

NOTE:
AIR CONDITIONING EQUIPMENT SHALL NOT BE LOCATED DIRECTLY ABOVE ELEVATOR EQUIPMENT. COORDINATE FINAL LOCATION OF ELEVATOR EQUIPMENT WITH THE ELEVATOR SHOP DRAWINGS

POWER AND VENTILATION / UNIT

POWER BASED ON: 240V 3-PHASE-60 HERTZ

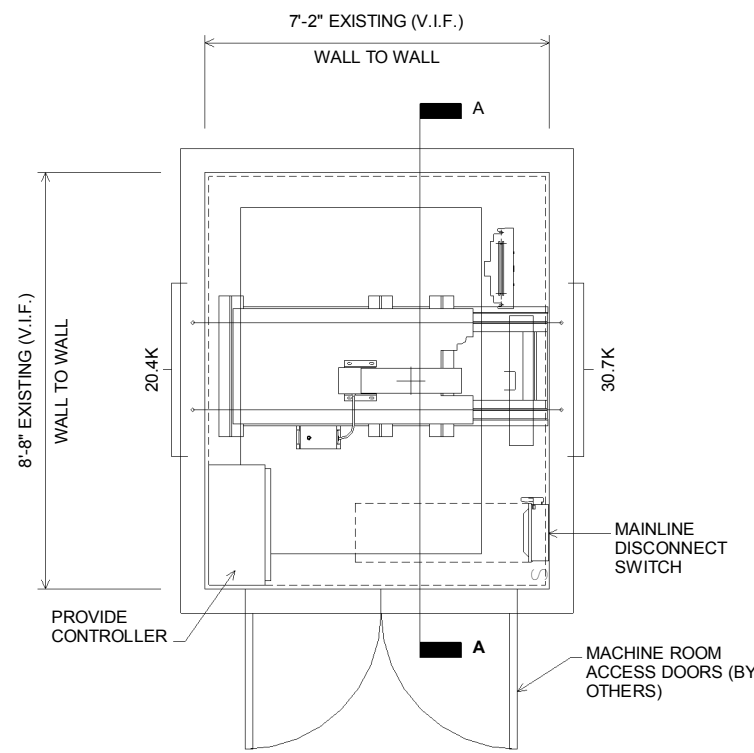
MOTOR HP	FULL LOAD RUNNING AMPS	FULL LOAD ACCEL. AMPS	HEAT RELEASE BTU/HR/UNIT
10	26	64	5000

LOADS SHOWN ARE ESTIMATED. COORDINATE FINAL LOADS WITH ELEVATOR MANUFACTURER

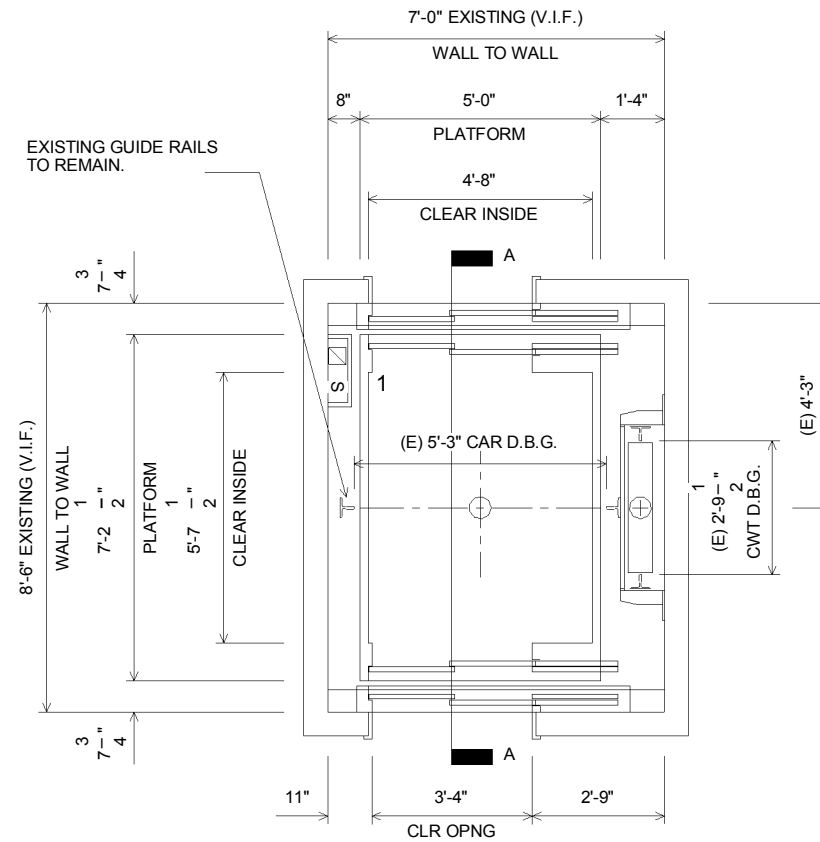
NOTE:
SEE MECHANICAL AND ELECTRICAL PLAN FOR HVAC AND ELECTRICAL 9WORK BY OTHERS)

FIELD VERIFY ALL EXISTING DIMENSIONS

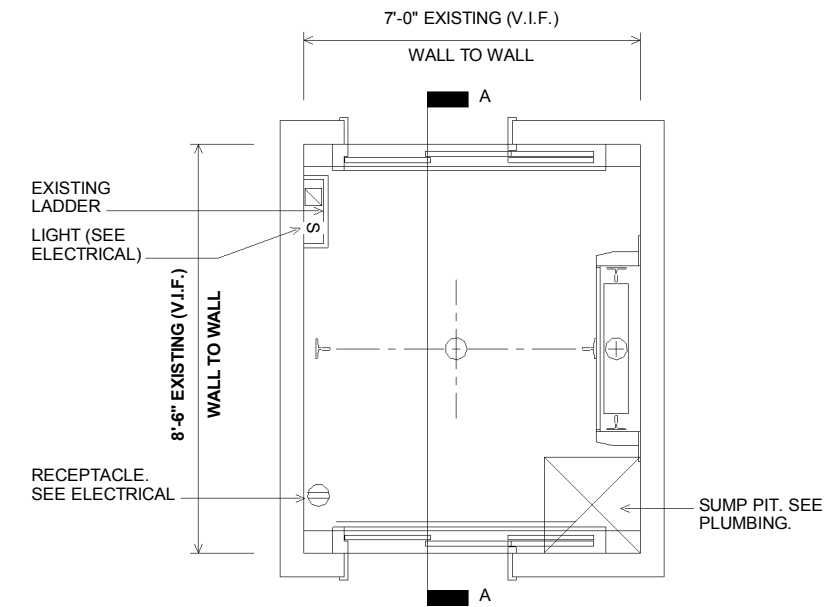
EQUIPMENT LIST	
NEW	REUSE
1 - CONTROLLER AC MOTOR	1 - CAR AND COUNTERWEIGHT RAILS
2 - HOIST MACHINE, DEFLECTOR SHEAVE, AND ROPE GRIPPER	2 - COUNTERWEIGHT FRAME AND FILLER WEIGHTS
3 - HOIST AND GOVERNOR ROPES	3 - ENTRANCE FRAMES AND SILLS
4 - GOVERNOR AND TENSION WEIGHT	4 - CAR AND COUNTERWEIGHT PIT CHANNELS
5 - CAB SHELL AND CAB DOOR PANELS	5 - CAR SLING, STILES, CROSSHEAD
6 - HOISTWAY DOOR PANELS	ABBREVIATION: (E) = EXISTING
7 - DOOR OPERATOR EQUIPMENT CAB AND ALL LANDINGS	
8 - CAR AND LANDING FIXTURES	
9 - ROLLER GUIDES CAR AND COUNTERWEIGHT	
10 - HOISTWAY AND MACHINE ROOM WIRING, TRAVEL CABLE	
11 - CAR TOP RAILING	
12 - CAR PLATFORM	
13 - CAR SAFETY ASSEMBLY	
14 - CAR SPRING BUFFERS	
15 - FIXTURES - CAR + HOISTWAY	



EXISTING MACHINE ROOM PLAN (ROOF)



EXISTING HATCH PLAN



EXISTING PIT PLAN



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MAJOR RENOVATION
AT/FOR
ROOSEVELT ELEMENTARY SCHOOL
MAJOR RENOVATION
SCHOOL DISTRICT OF PHILADELPHIA
430 E WASHINGTON LANE, PHILADELPHIA, PENNSYLVANIA 19144

Drawing Title:
ELEVATOR PLAN

Drawing No.:
SK-2A

Reference RFI: Reference Drawing:

USA Project No.:
2017-000

Drawn By: Checked By:
RJH RJH

Date: Page:
03/26/18 1 of 2

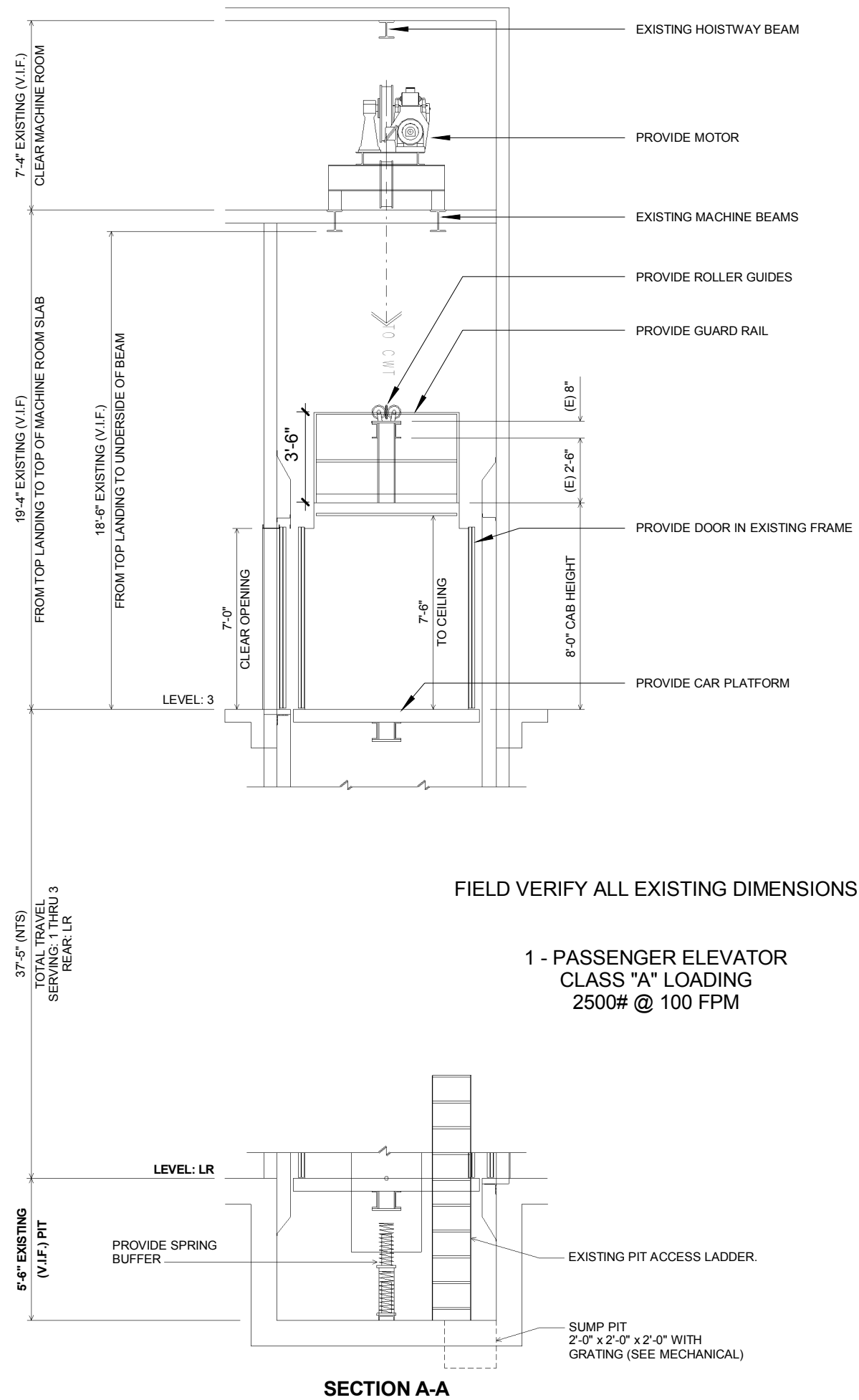


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 MAJOR RENOVATION
SCHOOL DISTRICT OF PHILADELPHIA

430 E WASHINGTON LANE, PHILADELPHIA, PENNSYLVANIA 19144

Drawing Title:
ELEVATOR SECTION A-A

Drawing No.:
SK-2B

Reference RFI: Reference Drawing:

USA Project No.:
2017-000

Drawn By: Checked By:
VDA VDA

Date: Page:
03/26/18 2 of 2

SECTION 03 0111 - CONCRETE DECK REHABILITATION

1. PART 1 - GENERAL

1.1. RELATED DOCUMENTS:

- A. Documents affecting work of this Section include, but are not necessarily limited to, General Requirements, bidding documents and drawings.

1.2. SUMMARY:

- A. Concrete deck repairs shall be done as required to create a sound substrate for new roof installation. Deck repairs may only be done with the written approval by owners representative.
- B. APPLICABLE ROOF SECTIONS:
 - 1 Roof Areas to be covered under this section: Concrete deck

2. PART 2 – PRODUCTS

2.1. CONCRETE DECK REPAIRS

- A. One-component, chemical action concrete
- B. Below 80 °F.: Set-45 by Master Builders Division, Martin Marietta Corp., Cleveland, OH., or approved equal.
- C. Above 80 °F.: Set-45 Hot Weather Formula by Master Builders Division, Martin Marietta Corp., Cleveland, OH., or approved equal.

3. PART 3 - EXECUTION

3.1. CONCRETE DECK REPAIRS

- A. Remove spalled/deteriorated deck areas until sound base is reached.
- B. Wire brush flaking rust from exposed reinforcing bar. Apply rust inhibitive paint. Allow to dry.
- C. Fill prepared area flush with one-component, chemical action concrete according to manufacture's directions. Allow to set.
- D. Mixing order:
 - 1 Water.
 - 2 Aggregate (repairs deeper than 1/2 inch).
 - 3 One-component, chemical action concrete.

END SECTION 03 0111

**BID PROPOSAL FORM
MAJOR RENOVATIONS
ROOSEVELT ELEMENTARY SCHOOL**

Contract No. B-800C of 2016/17 General Construction

TO: The School District of Philadelphia
School Reform Commission

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-800C of 2017/18-General 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 Items listed below, if applicable.

BID ALTERNATES (Not applicable to this Contract – No Alternates)

UNIT PRICES:

UNIT PRICE 1: Brick Masonry Re-pointing (See Scope of Work Note 9 on Drawings A-300 to A-312 and Specification 04 2013: Selective Masonry Repairs for additional requirements)

1. Cut out, remove loose mortar, prepare and re-point brick masonry joints.
2. Unit of measure: Square Feet (SF).
3. Base Bid Quantity: 50 SF.
4. Unit Price Calculation: 50 SF @ _____ per SF =
- 5 \$ _____ **Total***

***THIS AMOUNT INCLUDED IN BASE BID**

UNIT PRICE 2: Brick Masonry Replacement (See Scope of Work Note #3, 8, 16, 18, and 25 on Drawings A-300 to A-312 and Specification 04 2013: Selective Masonry Repairs for additional requirements)

1. Cut out, removal and replacement with new brick for deteriorated masonry.
2. Unit of measure: Square Feet (SF).
3. Base Bid Quantity: 250 SF.
4. Unit Price Calculation: 250 SF @ _____ per SF =
5. \$ _____ **Total***

***THIS AMOUNT INCLUDED IN BASE BID**

UNIT PRICE 3: Limestone Repair (See Scope of Work Note #10 and #11 on Drawings A-300 to A-303 and Specification 03 0130: Concrete Repair for additional requirements)

1. Cut out, remove loose material and clean voids, cracks and cavities for repair of the limestone.
2. Unit of measure: Square Feet (SF).
3. Base Bid Quantity: 100 SF.
4. Unit Price Calculation: 100 SF @ _____ per SF =

5. \$ _____ Total*

***THIS AMOUNT INCLUDED IN BASE BID**

UNIT PRICE 4: Steel lintel Replacement (See Scope of Work Note 'D' on Drawings A-302 and Specification 05 5000: Metal Fabrications for additional requirements)

1. Remove brick as required for the removal of the steel lintel assembly and provide steel lintel assembly, including membrane flashing, brick veneer infill and weeps.
2. Unit of measure: Square Feet (LF).
3. Base Bid Quantity: 380 LF.
4. Unit Price Calculation: 380 LF @ _____ per LF =
5. \$ _____ Total*

***THIS AMOUNT INCLUDED IN BASE BID**

UNIT PRICE 5: Clean and Coating Steel lintel (See Scope of Work Note 'B' on Drawing A-302 and Specification 05 5000: Metal Fabrications for additional requirements)

1. Remove brick as required to expose the existing steel lintel. Clean and coat the steel lintel and provide membrane flashing, brick veneer infill and weeps.
2. Unit of measure: Square Feet (LF).
3. Base Bid Quantity: 260 LF.
4. Unit Price Calculation: 260 LF @ _____ per LF =
5. \$ _____ Total*

***THIS AMOUNT INCLUDED IN BASE BID**

UNIT PRICE 6: Concrete Repair (See Scope of Work Note #19 on Drawing A-302 and Specification 03 0130: Concrete Repair for additional requirements)

1. Cut out, remove loose and spalling concrete, clean area, prime exposed steel reinforcement and patch deteriorated concrete.
2. Unit of measure: Square Feet (SF).

3. Base Bid Quantity: 50 SF.
4. Unit Price Calculation: 50nSF @ _____ per SF =
5. \$ _____ **Total***

***THIS AMOUNT INCLUDED IN BASE BID**

UNIT PRICE 7: Concrete Deck Repair (See Scope of Work Note 4 on Drawings A-140 to A-142 and Specification 03 0111: Concrete Deck Rehabilitation

1. For the repair of damaged existing structural roof deck.
2. Unit of measure: Square Feet (SF)
3. Base Bid Quantity: 3,400 SF.
4. Unit Price Calculation: 3,400 SF@ _____ per SF =
5. \$ _____ **Total***

***THIS AMOUNT INCLUDED IN BASE BID**

UNIT PRICE 8: 2 x 6 Fire Treated Wood Nailer Replacement (See Roof Demolition and Preparation Note 5 on Drawings A-140 to A-142.

1. For the replacement of existing damaged or deteriorated wood nailers (not wood blocking required to raise curbs or as indicated).
2. Unit of measure: Square Feet (LF).
3. Base Bid Quantity: 100 LF.
4. Unit Price Calculation: _____ SF @ _____ per SF =
5. \$ _____ **Total ***

***THIS AMOUNT INCLUDED IN BASE BID**

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 Notice of Acceptance of this Proposal or Contract award, to sign and deliver to the School District, all required copies of the School District/Contractor Agreement, the Performance Bond, the Labor and Materialmen's Bond, and the Maintenance Bond, in the forms included in the Bidding Documents, and the policies of insurance or insurance certificates as required by the General Conditions. In case the undersigned fails or neglects to deliver within the specified time the School District/Contractor Agreement, the Performance Bond, the Labor and Materialmen's Bond, and the Maintenance Bond, and the insurance policies or certificates, all as aforesaid, the undersigned shall be considered as having abandoned the Contract, and the Bid Bond accompanying this Proposal shall be forfeited to the School District by reason of such failure on the part of the undersigned, as liquidated damages and not as a penalty.

12. The Undersigned further agrees that the Bid Security may be retained by the School District and shall remain with the School District until the School District/Contractor Agreement has been signed and delivered to the School District and the Performance Bond, the Labor and Materialmen's Bond, and the Maintenance Bond, and insurance policies or certificates have been made and delivered to the School District.

Respectfully submitted this _____ day of _____, 201__.

Individual Proprietorship or Partnership

If Contractor is an individual proprietorship or is a partnership, sign here:

(Trade Name of Firm)

By: _____ By: _____ (SEAL)
(Witness) (Owner or Partner)

Corporation

If Contractor is a corporation, sign here:

(Name of Corporation)

ATTEST:

By: _____ By: _____ (SEAL)
(Secretary or Treasurer) (President or Vice President)

(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.