**Addendum No. 1**

**Subject:** **Andrew Hamilton Elementary School**

 **Roof Replacement**

**SDP Contract No. B-065C of 2016/17**

**Location: Andrew Hamilton Elementary School**

 **5460 Spruce Street**

 **Philadelphia, Pennsylvania 19139**

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**This Addendum, dated January 18, 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. This addendum contains three (3) numbered pages, one (1) ADD. #1 Sketch, and a copy of the pre-bid sign-in sheet for a total of five (5) pages.**

The following items, including drawings, sketches, specifications and/or revisions are to be included in the contract:

**1. Bids**

1. Bids are due by 2:00 p.m., Tuesday, January 23, 2018.
2. Copy of pre-bid meeting attendee sign-in sheet attached.

**2. Post-Bid De-Scope Conference**

1. A Post-Bid, De-Scope meeting is scheduled for the following day, Wednesday, January 24, 2018 at 10:00 a.m. at the Office of Capital Programs, conference room 3126, 3rd floor, 440 North Broad Street. The apparent Low-Bidder is required to attend, a principal of the bidder or representative authorized to make binding commitments must attend the meeting.

The following items, including drawings, sketches, specifications and/or revisions are to be included in the contract:

**3. Drawings**

1. Drawing Sheet R-1, at the two satellite dishes on Roof Area A - Revise Key Note 4 to read: “Remove and discard existing satellite dishes, frames, and ballast.”
2. Drawing Sheet R-2, Key Note 2 - Existing security screens over second floor windows to be temporarily removed, set aside for reinstallation, and reinstalled upon completion of the window sealant removal and replacement work.
3. Drawing Sheet R-2, Key Note 7 - Revise second sentence to read “Note: the clearstory windows to be resealed below the north side of Roof Area C and below the south side of Roof Area E are not shown on the elevation drawings.”
4. Drawing Sheet R-2, General Notes 2 - Omit reference to disposal of security screens over second floor windows.
5. Detail 6/R-4, Roof Drain Part 1 - Omit lead flashing.

**4. Specifications**

1. Section 07 22 00 - Roof Insulation: add the following:

2.1B.4 Soprema: Sopra-ISO+

1. Section 07 24 00 - Modified Bituminous Membrane Waterproofing Vapor Barrier: omit Section 2.2.B.
2. Section 07 53 10, 1.1A - Description of Systems: The roof membrane assembly shall consist of three (3) plies of prefabricated reinforced SBS modified bitumen membrane. Two smooth plies and one granule-surfaced ply. Any reference to two (2) membrane plies in the drawings and specifications shall be revised to three (3) membrane plies.
3. Section 07 53 10 - Modified Bitumen Membrane: Section 2.2.A.3. Flashing (2-ply) shall be revised to Parafor 30TG over Paradiene 20TG.
4. Section 07 24 00 - Modified Bituminous Membrane Waterproofing Vapor Barrier: add the following:

2.2A.4 Soprema: Sopralene Flam 180

 2.5A.4 Soprema: Sopralene Flam Stick

F. Section 07 53 10 - Modified Bituminous Membrane: add the following:

 2.2.A.4 Manufacturer: Soprema

 Bottom Plies (2) Sopralene Flam 180

 Top Ply: Sopralene Flam 180 FR GR

 Flashing (2-ply): Sopralene Flam 180 FR GR over Sopralene Flam 180 and Alsan Liquid Flashing over Sopralene Flam 180

 2.4A.4 Soprema: Alsan RS

 2.5A.4 Soprema: Flam Stick

 2.11A.4 Soprema: Soprawalk

 G. Section 07 71 00 - Manufactured Roof Specialties: Omit Sections 2.6.A, Stairs and 2.7,

 Expansion Joint Covers.

**5. Other**

Additional Scope and Clarifications:

1. All roof demolition work, installation and temporary flashing of the vapor barrier to walls, curbs, equipment penetrations, and roof drains, shall be completed prior to August 20, 2018.
2. Construction Period:
	1. Substantial completion within 335 days of issuance of Notice To Proceed.
	2. 100 percent completion within 365 days of issuance of Notice To Proceed.
3. Granule color for cap sheet roof membrane and base flashing shall be standard white.
4. Contractor Questions:
	1. Section 07 71 00, 2.9A - Skylight Guardrail: confirm locations for use.

Response: Above-noted skylight guardrails for use around the 8 skylights on Roof Areas H and I. Refer to Detail 11/R-4, roof plan drawings, and Key Note 6 on Drawing R-1. Install new guardrails in accordance with the manufacturer’s recommendations and set base plates over sections of walk pad that extend a minimum of 2-inches beyond all sides of the base plates.

* 1. Key Note 5 on Drawing R-2 notes to reseal all second floor windows. Confirm whether sealing window frame to concrete or window to window frame.

Response: Remove and replace sealant at both the window-to-frame and the frame-to-concrete. Refer to Detail 11/R-3 for typical sealant details and attached elevation drawing Add. #1.

* 1. Clarify whether the clearstory windows are to be caulked.

Response: At the clearstory windows below Roof Areas C and E, remove and replace the existing sealants at the window-to-frame and at the frame-to-concrete. Refer to Detail 11/R-3 for typical sealant details.

* 1. Is the EMSEAL noted in Section 07 90 00, 2.5 required for this project?

Response: No

* 1. Any repair or coating work required for the concrete walls around the clearstory windows below Roof Areas C and E?

Response: No

* 1. Is the expansion joint detail in 11/R-3 Sealant Details, required for use on this project?

Response: No

**-END OF ADDENDUM NO. 1-**