

**William J. Johnston Middle School
Phase III - Building & Site Construction
Colchester, Connecticut
State Project No. 028-0043 EA/RR and 028-0044 BE/EA/RR**

ADDENDUM NO. 2

November 10, 2016

Paste the following link into your browser for attachments:

<https://secure.smartbidnet.com/External/PublicPlanRoom.aspx?Id=264305&i=1>

I. REVISIONS TO SPECIFICATIONS

1. Specification Section 00 11 16 – Invitation to Bid

**THE BID DUE DATE FOR ALL BID PACKAGES HAS BEEN
EXTENDED TO TUESDAY, NOVEMBER 29, 2016 @ 2:00 P.M.**
This is the final bid extension

**PLEASE SUBMIT ONE ORIGINAL AND ONE COPY OF YOUR BID. THE
FOLLOWING DOCUMENTS MUST BE INCLUDED IN YOUR BID, OR YOUR
PROPOSAL WILL BE DEEMED NON-RESPONSIVE:**

1. FORM OF PROPOSAL
2. BID SECURITY (BID BOND OR CERTIFIED CHECK) - EXCEPTIONS: BP'S 1.10,
1.20 AND 1.21
3. CTDAS UPDATE STATEMENT (if bid exceeds \$500,000.00)

2. Specification Section 00 24 13 - Bid Packages
 - a. Bid Package 1.01 - Abatement and Demolition

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraphs:

85. All roof demolition work shown on the drawings and/or as required for the installation of the addition, new roofing system and/or roof-top equipment at building areas to remain shall be the responsibility of the roofing contractor. The roofing contractor is responsible for all skylight demolition. The abatement and demolition contractor shall coordinate with the roofing contractor and shall be responsible for the removal of existing roof-top equipment, including, but not limited to, roof-top units, exhaust fans, and intake fans. The electrical contractor shall disconnect existing roof-top equipment and remove all conduit, supports and wires as necessary. It shall be the responsibility of the abatement and demolition contractor to demolish the existing chimney.
86. For all building areas to remain, the roofing contractor is responsible for all asbestos abatement work indicated at the roof level (ex. flashing). The abatement and demolition contractor is responsible for all roof demolition where building/portable structures (mass demolition) are being demolished. The roofing contractor shall comply with all regulations pertaining to the removal of asbestos-containing materials. No roof abatement work can be conducted while students are in school. Abatement work shall be done on 2nd shift, weekends and/or vacation periods. If necessary to maintain the

construction schedule, roofing abatement work will be performed during a vacation period prior to the scheduled roof replacement work. The roofing contractor shall include in his base bid any temporary flashing material or other materials that are necessary to maintain the watertightness integrity of the roof if abatement work has to be done ahead of the scheduled roof replacement work.

87. Add at the end of the first sentence “at building areas to remain”.
89. All demolition of roofing materials required at the roof level of building areas to remain as shown on the drawings is the responsibility of the roofing contractor. All demolition of roofing and roof structure at mass demolition areas and demolition of roof structure at building areas to remain is the responsibility of the abatement and demolition contractor (ex. Roof Demolition Keyplan Notes 8 and 10 on Drawing A4.00). The roofing contractor shall maintain weather tightness of the roof at all times between this demolition and new roofing work.

Add the following Special Instructions:

102. Where existing ducts are being removed and they pass through an existing masonry wall, it shall be the responsibility of the masonry contractor to fill the opening created by the duct removal. Allowance No. 10 will be utilized for this infill work. Where new ducts are being installed in existing masonry walls, it shall be the responsibility of the abatement and demolition contractor to coordinate with the HVAC contractor the exact size and location of the duct penetration and to cut the appropriate hole (including overcut for lintel installation and providing shoring as required) in the masonry wall for the HVAC contractor.

b. Bid Package 1.04 - Masonry

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraphs:

83. Where existing ducts are being removed and they pass through an existing masonry wall, it shall be the responsibility of the masonry contractor to fill the opening created by the duct removal. Allowance No. 10 will be utilized for this infill work. Where new ducts are being installed in existing masonry walls, it shall be the responsibility of the abatement and demolition contractor to coordinate with the HVAC contractor the exact size and location of the duct penetration and to cut the appropriate hole (including overcut for lintel installation and providing shoring as required) in the masonry wall for the HVAC contractor.

c. Bid Package 1.06 - General Trades

I. SCOPE OF WORK

B. SPECIFIC

Delete the following Specification Section:

12 35 51 - Music Education Storage Systems

d. Bid Package 1.07 - Roofing

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraphs:

64. All roof demolition work shown on the drawings and/or as required for the installation of the addition, new roofing system and/or roof-top equipment at building areas to remain shall be the responsibility of the roofing contractor. The roofing contractor is responsible for all skylight demolition. The abatement and demolition contractor shall coordinate with the roofing contractor and shall be responsible for the removal of existing roof-top equipment, including, but not limited to, roof-top units, exhaust fans, and intake fans. The electrical contractor shall disconnect existing roof-top equipment and remove all conduit, supports and wires as necessary. It shall be the responsibility of the abatement and demolition contractor to demolish the existing chimney.
68. For all building areas to remain, the roofing contractor is responsible for all asbestos abatement work indicated at the roof level (ex. flashing). The abatement and demolition contractor is responsible for all roof demolition where building/portable structures (mass demolition) are being demolished. The roofing contractor shall comply with all regulations pertaining to the removal of asbestos-containing materials. No roof abatement work can be conducted while students are in school. Abatement work shall be done on 2nd shift, weekends and/or vacation periods. If necessary to maintain the construction schedule, roofing abatement work will be performed during a vacation period prior to the scheduled roof replacement work. The roofing contractor shall include in his base bid any temporary flashing material or other materials that are necessary to maintain the watertightness integrity of the roof if abatement work has to be done ahead of the scheduled roof replacement work.
73. Add at the end of the first sentence “at building areas to remain”.
78. All demolition of roofing materials required at the roof level of building areas to remain as shown on the drawings is the responsibility of the roofing contractor. All demolition of roofing and roof structure at mass demolition areas and demolition of roof structure at building areas to remain is the responsibility of the abatement and demolition contractor (ex. Roof Demolition Keyplan Notes 8 and 10 on Drawing A4.00). The roofing contractor shall maintain weather tightness of the roof at all times between this demolition and new roofing work.

e. Bid Package 1.15 - HVAC

II. SPECIAL INSTRUCTIONS

Replace the following Special Instruction paragraphs:

71. Where existing ducts are being removed and they pass through an existing masonry wall, it shall be the responsibility of the masonry contractor to fill the opening created by the duct removal. Allowance No. 10 will be utilized for this infill work. Where new ducts are being installed in existing masonry walls, it shall be the responsibility of the abatement and demolition contractor to coordinate with the HVAC contractor the exact size and location of the duct penetration and to cut the appropriate hole (including overcut for lintel installation and providing shoring as required) in the masonry wall for the HVAC contractor.
 74. All roof demolition work shown on the drawings and/or as required for the installation of the addition, new roofing system and/or roof-top equipment at building areas to remain shall be the responsibility of the roofing contractor. The roofing contractor is responsible for all skylight demolition. The abatement and demolition contractor shall coordinate with the roofing contractor and shall be responsible for the removal of existing roof-top equipment, including, but not limited to, roof-top units, exhaust fans, and intake fans. The electrical contractor shall disconnect existing roof-top equipment and remove all conduit, supports and wires as necessary. It shall be the responsibility of the abatement and demolition contractor to demolish the existing chimney.
3. Specification Section 00 31 26 - Existing Hazardous Materials Information
 - a. APPENDIX C: Add Laboratory Reports and Chain of Custody Form for supplemental sampling, attached to this Addendum No. 2.
 4. Specification Section 00 52 00 - Contract Agreement
 - a. Delete paragraph 8.1.9 in its entirety.
 5. Specification Section 00 63 13 - Bidders' Prebid Requests for Information (Prebid RFI's)
 - a. Attached to this Addendum No. 2 are CM Prebid RFI Nos. 29 through 103. ***ALL MISSING RFI RESPONSES SHALL BE INCLUDED IN ADDENDUM NO. 3 TO BE ISSUED ON NOVEMBER 17, 2016.*** All information contained in these responses is to be used by all contractors in the preparation of their bids and will form part of their scope of work.
 6. Specification Section 01 21 00 - Allowances
 - a. Bid Package 1.04 - Masonry Allowance No. 10: revise Description/Purpose of Allowance to **\$30,000 lump sum allowance** for labor and material to patch existing walls at existing MEP penetrations (for locations not shown on the drawings).
 - b. Bid Package 1.17 - Tele/Data/Communications Allowance No. 35 - Delete this allowance.
 7. Specification Section 01 23 00 - Alternates
 - a. Paragraph 3.01.N.1 (Alternate No. 13). Replace the paragraph with the following:
 1. Provide screens mounted to roof top units in accordance with Specification Section 10 82 13 "Equipment Screens". Provide at all roof-mounted AHU's & DOA's only.

b. Add new paragraph 3.01.P (Alternate No. 15) as follows:

P. Alternate No. 15: Increased Insurance Limits.

1. Provide increased insurance limits as indicated in the Owner/CM Agreement (Specification Section 00 52 23, Article 8) and General Conditions (Specification Section 00 72 00, Article 11) and as included on sample Certificate of Insurance marked Alternate No. 15 issued in Addendum No. 1.
2. Base bid to be lower insurance limits and all provisions, types of insurance and endorsements indicated on sample Certificate of Insurance marked Base Bid issued in Addendum No. 1.

II. REVISIONS TO TECHNICAL SPECIFICATIONS

1. Specification Section 02 82 13 - Asbestos Abatement

a. Paragraph 1.09C: Replace this paragraph in its entirety with the following:

- C. The following table of asbestos containing materials has been modified to update quantities of materials and remove items from the scope of work based on recent sampling data and updated information. The related notes have also been updated to reflect the changes and are applicable to Specifications and other related project documents for the project referenced above:

BASE BID - ASBESTOS

Location	Material Type	Estimated Quantity	Notes
Room 103-110, 112-116, 200, 201, Prep Room Between 200 & 201, 203-211, 213-216, Prep Room Between 215 & 216, 406, 404, 402, Cafeteria A, Cafeteria B, Faculty Conference Room, Principals Office, Vice Principals Office, Main Office, Copy Room, Faculty Lounge, Nurses Office, Band/Music Room, Guidance, FCS-A, 1962 Corridor, 1966 Corridor, Lobby C, Vestibule, Stairwell A, Stairwell B, Girls Locker Room Entrance, Elevator Lobby	Various 9" x 9" Floor Tiles and Associated Mastic*	42,000 SF	1,4
1954 8th Grade Corridor- South Vestibule	White With Tan Flecks 12" x 12" Floor Tile*	150 SF	1,4
Storage Room B14, Room 206, Prep Room (208) Between 206 & 210	Tan With Brown Streaks 12" x 12" Floor Tile*	800 SF	1,4
Room 101	Gray Tile On Top Of Bookshelf Below Windows Along Exterior Wall*	100 SF	1,5
Room 105	Tan With Brown And White Streaks Tile On Top Of Bookshelf Below Windows Along Exterior Wall*	100 SF	1,5
Portable B- Men's/Women's Faculty Lavatory, Custodial Closet	Off-White Linoleum Flooring And Associated Yellow Adhesive	175 SF	1,4
Room 213, 214, 215, 216, 402, 404, 406, 1st And 2nd Floor Elevator Lobby	Brown/Tan Adhesive Associated With 4" Black Cove Base On CMU Walls And Base Cabinets*	2,000 LF	1,5
Room 21, 22, 24	Yellow Adhesive Associated With 4" Light Gray Cove Base*	400 LF	1,5
Room 21-33	Tan Laminate Countertop Backsplash Adhesive To CMU*	625 LF	1,5
Room 21-33	Interior Yellow Window Sill Adhesive*	150 LF	1,5
1962 Corridor Adjacent Main Office, Music Room	Brown Glue Daub Associated With 1' x 1' Small Pore Ceiling Tile Above Suspended Ceiling*	2,500 SF	1,5
1962 Boiler Room Ceiling	Gray Stucco/Single Component Plaster Ceiling	1,000 SF	1,2
Room 101, 103, 105,-110, 112-116, 200, 201, 203, 205-211, 213-216, 406, 404, 402, Band/Music Room, Guidance Office, Nurses Room, FCS A, Main Office	Black Adhesive On CMU Behind Fiberboard Wall Panel*	12,000SF	1,5
Gym A Lobby	Black Residual Mastic On Brick Wall*	<1 SF	1,5
Room 101, 105-110, 112, 113-116, 200, 201, 203, 205-207, 209-211, 214-216, 402, Band, Music, Guidance, Fcs A, Boys Locker Room	Black Asphaltic Coating Behind Wall Mounted Speaker Unit	35 EA	1,6
Room 406, 404, 402	Black Sink Undercoating	15 EA	1,6

Location	Material Type	Estimated Quantity	Notes
Room 404, 402	Green Lab Bench Countertop	125 SF	1,6
Room 210- Former Gas Lab Bench	Gray Asbestos Cement Board Cabinet Liner	100 SF	1,6
Room 101, 103, 105,-110, 112-116, 200, 201, 203, 205-211, 213-216, 406, 404, 402, Cafeteria A, Cafeteria B, Band/Music Room, Guidance Office, Nurses Room, Fcs-A, Main Office, Principals Office, Vice Principals Office	Gray Interior Asbestos Cement Panels At Heater Unit	6,800 SF	1,6,9
Throughout 1962 And 1966 Wings- Above Suspended Ceiling, And In Wet Walls/Concealed Pipe Chases, Exposed In Boiler/Mechanical Room, Pipe Tunnels And Custodial Closets	White Mudded Pipe Fitting Insulation	2,000 EA	1,3,9
Throughout 1962 And 1966 Wings	White Woven Cloth Flex Connector On Duct Work	20 EA	1,3,11
Room 206, 210	Black Fibrous Caulking Compound Between Countertop And Ceramic Sink*	350 LF	1,6
Cafeteria A, Cafeteria B, Cafeteria Wing Corridor	Floor/Wall Joint Caulking Compound*	1,750 LF	1,5
Throughout 1962 And 1966 Wing	Gray Interior Joint Caulk Between Brick Wall And Metal Structural Support Columns, And Inner Corners*	1,750 LF	1,5
Room 21-33, 101, 103, 105,-110, 112-116, 200, 201, 203, 205-211, 213-216, 406, 404, 402, Band/Music Room, Guidance Office, Nurses Room, Fcs A, Main Office, Girls/Boys Lavatory, Girls/Boys Locker Room, Cafeteria A, Cafeteria B, Kitchen, Custodial Closet	Gray Interior Door Frame Caulking Compound*	2,500 LF	1,5
Prep Room Divider Between 200 & 201, Room 109 Design Engineering Office	Gray Interior Office Window Glazing Compound*	350 LF	1,6
Music- Practice Room, Boys Locker Room- Coaches Office	Black Interior Window Glazing Compound*	175 LF	1,6
Exterior - Basement (B16) Window	White Exterior Window Glazing Compound*	1 EA (window unit)	1,6
Exterior - Vents And Louvers	Tan Exterior Vent Caulking Compound*	250 LF	1,2,5
Exterior - 1962	Tan and Gray Exterior Joint Caulking Compound Between Roof Soffit And Exterior Wall*	2,750 LF	1,2,5
Exterior	Gray Exterior Corner Expansion Joint Caulking Compound*	750 LF	1,2,5
Exterior - 1962 And 1966 Wings (areas visible and concealed below brick façade)	Gray Exterior Window Caulking Compound*	300 EA (window unit)	1,2,5,9
Exterior - 1966 Wing	Gray Exterior Door Caulking Compound*	250 LF	1,2,5
Exterior- Portable B	Exterior White Horizontal Caulking Compound	750 LF	1,5

Location	Material Type	Estimated Quantity	Notes
1962 Pipe Tunnel	Black Pin Tar Associated With Transformer Vault Foundation Wall*	100 SF	1,10
Throughout	Black Fibrous Foundation Barrier Between Interior Side Of Exterior Wall And Concrete Floor Slab*	3,000 SF	1,9
Exterior Curtain Walls (areas visible and concealed below brick façade)	Gray Asbestos Cement Panel	10,000 SF	1,8,9
Exterior Soffit	Black Exterior Expansion Joint Board*	500 SF	1,6
Room 21-33, 101, 103, 105,-110, 112-116, 200, 201, 203, 205-211, 213-216, 406, 404, 402, Band/Music Room, Guidance Office, Nurses Room, Fcs A, Main Office, Girls/Boys Lavatory, Girls/Boys Locker Room, Cafeteria A, Cafeteria B	Glue Daubs Associated With Chalkboards, Whiteboards, Tack boards, Mirrors And Signage*	5,000 SF	1,5
Room 402, Portable B- P6	Fire Block Associated With Kiln	2 EA	1,6
1966 Edition	Elevator Shaft Lining	2,500 SF	1,9
1966 Edition	Fireproof Coating On Elevator Car Components	1 EA	1,9
Kitchen	Insulation And Adhesive Associated With Walk-In Cooler/Freezer*	2 EA	1,9
Throughout 1962 And 1966 Wings	Vermiculite Insulation In CMU Block Walls	12,000 SF	1,9
Boiler Room (1954)	1954 Internal Boiler Components	3 EA	1,11
Boiler Room (1962)	1962 Internal Boiler Components	2 EA	1,11
Boiler Room (1954 & 1962)	Hot Water Heater	4 EA	1,11
Boiler Room (1954 & 1962)	Flange Gaskets	150 EA	1,7
Exterior Roof (1954)	Perimeter, Curb, Drain and Penetration Flashing/Caulking Compounds (assumed two feet of Flashing at perimeter)	3,000 SF	1,2
Exterior Roof (1962)	Perimeter, Curb, Drain and Penetration Flashing/Caulking Compounds (assumed two feet of Flashing at perimeter)	3,000 SF	1,2,13
Exterior Roof (1966)	Perimeter, Curb, Drain and Penetration Flashing/Caulking Compounds (assumed two feet of Flashing at perimeter)	2,400 SF	1,2,13
Exterior Roof (1989)	Light Gray patching compound at perimeter, field, penetrations and skylights	1,000 SF	1,2,13
Exterior Soffit	Gray 1/4" Asbestos Cement Board Soffit	6,000 SF	1,2,7
Transformer Vault	Asbestos Cement Paneling,	Unknown	1,9,10

Location	Material Type	Estimated Quantity	Notes
	Arc Chutes,		
Throughout	Electrical Wire Insulation*	Unknown	1,9

- A. *Materials are also presumed PCB Bulk Product Waste for Disposal. Coordinate with Section 02 84 33. Several materials will require disposal as a combined waste (ACM and PCB Bulk Product > 50 ppm).

Notes:

1. Quantities shall be verified by Contractor during the time of the walk through. Discrepancies of amounts and/or locations of ACM shall be addressed prior to bidding the work to the Owner and Consultant.
2. Removal of materials shall be completed in a manner that prevents damage to substrate/adjacent materials. Any penetrations shall be properly sealed to prevent water/moisture infiltration and debris from entering the building. The Contractor is responsible for any repair and/or damage associated with the building as a result of failure to properly seal openings.
3. Pipe and fitting insulation exist in concealed areas, such as pipe chases and behind/above walls and ceilings. The abatement contractor is responsible for tracing all piping throughout the buildings for abatement to assure the piping has been included for removal within the work areas as specified herein. Remove and dispose of all fiberglass insulation, asbestos pipe insulation, insulation wraps, etc. that are associated with asbestos insulation as asbestos-containing materials. Materials exposed, above ceilings, behind walls, within chases, etc. The abatement contractor shall remove, package, and properly dispose of all suspect ACM as identified in the base bid, and clean the non-ACM materials. . The abatement contractor shall properly dispose of any and all non-ACM materials.
4. The Contractor shall remove all floor leveler materials, coatings, paints, tile mastics and any other materials associated with the flooring system to assure complete removal of asbestos flooring materials to clean bare concrete. The abatement contractor shall properly dispose of any and all non-ACM materials.
5. The Contractor shall remove and disposed of all mastics, glues, and adhesives associated with ceiling tiles, vinyl cove base, laminate countertops, window sills, chalkboards, tack boards, mirrors, and signage throughout the building as ACM. In addition, underlying building materials (concrete, concrete block, brick, gypsum wallboard, and/or wood cabinetry) that contain ACM compounds or adhesives will be chipped, scraped, or removed completely. The abatement contractor shall properly dispose of any and all non-ACM materials. The abatement contractor shall remove and disposed of all caulking compounds associated with interior and exterior windows, doors and building joints throughout the building as ACM. In addition, underlying building materials (insulations, paper, etc.) and adjacent substrates (concrete block, gypsum wallboard, wood and/or brick) that contain ACM caulking compounds or adhesives will be chipped, scraped or removed completely. The abatement contractor shall properly dispose of any and all non-ACM materials.
6. It is anticipated that the entire unit can be removed intact and disposed of as ACM. The abatement contractor shall remove, package, and properly dispose of all suspect ACM as identified in the base bid, and clean the non-ACM materials.
7. Entire flange with gasket anticipated to be removed intact for disposal as ACM. The abatement contractor shall remove, package, and properly dispose of all suspect ACM as identified in the base bid, and clean the non-ACM materials.
8. The abatement contractor is responsible for selective demolition to expose asbestos cement panels as specified herein, and as required for complete asbestos abatement. Remove and dispose of all materials exposed, above ceilings, behind walls, within chases, etc. The abatement contractor shall remove, package, and properly dispose of all suspect ACM as identified in the base bid, and clean the non-ACM materials. The abatement contractor shall properly dispose of any and all non-ACM materials.
9. The abatement contractor is responsible for exposing materials, identifying extents, and performing abatement of material as required to facilitate demolition and renovation.
10. Contractor will need to make access points to pipe trenches/tunnels for safety. Contractor shall have confined space trained personnel and shall monitor conditions within confined spaces and supply all safety measures necessary.
11. All suspect and known ACM associated with all units shall be removed and disposed of as ACM (e.g.

- fire brick, duct flex connectors, insulating materials, gaskets, millboard, roping, boiler mounts, supporting pads, etc.). Units shall be cleaned to bare metal.
12. All layers of identified roofing materials shall be removed and disposed as ACM. Visible emissions shall be well controlled during the removal process with wetting.

2. Specification Section 02 84 33 - Polychlorinated Biphenyl Bulk Product Abatement

a. Paragraph 1.10C: Replace this paragraph in its entirety with the following:

C. This bid includes the following assumed PCB Bulk Product Waste and PCB Remediation Waste (note several materials contain asbestos and will require disposal as a combined waste). The following table of assumed PCB-containing materials has been modified to update quantities of materials and remove items from the scope of work based on updated information. The related notes have also been updated to reflect the changes and are applicable to Specifications and other related project documents for the project referenced above:

BASE BID – ASSUMED PCB BULK PRODUCT WASTE

Location	Material Type	Quantity	Notes
Room 103-110, 112-116, 200, 201, Prep Room Between 200 & 201, 203-211, 213-216, Prep Room Between 215 & 216, 406, 404, 402, Cafeteria A, Cafeteria B, Faculty Conference Room, Principals Office, Vice Principals Office, Main Office, Copy Room, Faculty Lounge, Nurses Office, Band/Music Room, Guidance, FCS-A, 1962 Corridor, 1966 Corridor, Lobby C, Vestibule, Stairwell A, Stairwell B, Girls Locker Room Entrance, Elevator Lobby, 1954 8th Grade Corridor- South Vestibule, Storage Room B14, Room 206, Prep Room (208) Between 206 & 210, Portable B- Men's/Women's Faculty Lavatory, Custodial Closet	Flooring Adhesives*	56,000 SF	1
Room 21, 22, 24, 213, 214, 215, 216, 402, 404, 406, 1st and 2nd Floor Elevator Lobby	Vinyl Cove base Adhesives*	12,000 LF	1
1954 and 1962 Boiler rooms	Duct Insulation Adhesive/Stick Pin Adhesive	5,000 SF	1
Room 21-33	Laminate Countertop/Window Sill Adhesives and Caulking Compounds*	8,750 SF	1
1962 Corridor Adjacent Main Office, Music Room	Ceiling Tile Adhesive*	6,500 SF	1
Room 21-33, 101, 103, 105,-110, 112-116, 200, 201, 203, 205-211, 213-216, 406, 404, 402, Band/Music Room, Guidance Office, Nurses Room, Fcs A, Main Office, Girls/Boys Lavatory, Girls/Boys Locker Room, Cafeteria A, Cafeteria B	Chalkboard, Whiteboard, Tack board, Mirror and Signage Adhesive*	5,000 SF	1
Throughout	Firestop Compounds	1,000 LF	1
Throughout	Painted Structural Steel And Other Metal Components	10,000 SF	1
Throughout	Painted CMU Walls	22,000 SF	1
Throughout	Painted Brick Walls	16,000 SF	1
Throughout	Painted Gypsum Wall/Ceiling Board	12,000 SF	1
Music- Practice Room, Boys Locker Room- Coaches Office Prep Room Divider Between 200 & 201, Room 109 Design Engineering Office	Interior Window Glazing Compounds*	500 LF	1

Location	Material Type	Quantity	Notes
Room 21-33, 101, 103, 105,-110, 112-116, 200, 201, 203, 205-211, 213-216, 406, 404, 402, Band/Music Room, Guidance Office, Nurses Room, Fcs A, Main Office, Girls/Boys Lavatory, Girls/Boys Locker Room, Cafeteria A, Cafeteria B, Kitchen, Custodial Closet	Interior Door Caulking Compounds*	4,000 LF	1
Throughout	Interior and Exterior Expansion Joint Compounds*	4,250 LF	1
Throughout Exterior	Exterior Window Caulking/Glazing Compounds*	15,000 LF	1
Throughout Exterior	Exterior Door Caulking Compounds*	1,000 LF	1
Throughout Exterior	Exterior Vent Caulking Compounds*	250 LF	1
Exterior Foundations	Foundation Waterproof Membrane	7,500 SF	1
Exterior Foundations	Sub-slab Vapor Barrier	75,000 SF	1

B. *Indicates material is an asbestos containing material (ACM) (> 1% asbestos). Coordinate with section 02 28 13

Notes:

- Quantities shall be verified by Contractor during the time of the walk through. Discrepancies of amounts and/or locations of ACM shall be addressed prior to bidding the work to the Owner and Consultant.
- All the notes specified for these materials in Section 02 82 13 are applicable to this Section.

C. BASE BID – PCB REMEDIATION WASTE

Location	Material Type	Estimated Quantity
Throughout	Containment, PPE, Cleaning Materials & Supplies, & Waste Generated During Removal of PCB Bulk Product Waste	All

End of Addendum

3. Specification Section 08 45 23 - Fiberglass-Sandwich-Panel Assemblies
 - a. Paragraph 1.08.B.1.c. Replace with the following:

Discoloration of exterior face of more than 3.0 units Delta E when measured according to ASTM D 2244.
4. Specification Section 11 52 13 - Projection Screens
 - a. Replace this section in its entirety with revised, attached to this Addendum No. 2. Projection screen sizes are provided.
5. Specification Section 12 35 51 - Music Education Storage Systems
 - a. Delete this section in its entirety as is in not part of this project phase.
6. Specification Section 23 09 00 - Direct-Digital Control System for HVAC
 - a. Replace this section in its entirety with revised, attached to this Addendum No. 2. Added reference to 01 91 13 - General Commissioning Requirements (Part 1, 1.1,B). This project will not be integrated with Town's Honeywell system.
7. Specification Section 23 12 13 - Facility Fuel-Oil Pumps
 - a. Replace this section in its entirety with revised, attached to this Addendum No. 2. Added one-year warranty verbiage to Specification (Part 3, 3.1).
8. Specification Section 23 74 13 - Outdoor Central Station Air Handling Units
 - a. Replace this section in its entirety with revised, attached to this Addendum No. 2. Added reference to Specification Section 01 91 13 and deleted reference to Section 23 08 00 (Part 1, 1.1).
9. Specification Section 28 31 00 - Addressable Voice-Operated Fire Alarm
 - a. Replace this section in its entirety with revised, attached to this Addendum No. 2.

III. REVISIONS TO DRAWINGS

1. Drawing G0.02 - General Information II
 - a. Partition Types: where "Abuse Resistant" gypsum board is indicated, provide only from floor up to 8'-0" AFF. Provide "Type X" gypsum board above that.
 - b. Partition Types: where "Gypsum Board" is indicated, provide "Type X" gypsum board in accordance with the specifications.
2. Insert new Drawing HM-003 - Hazardous Materials Abatement Plan: Includes Building Areas A and B (1987 addition) of the existing building and associated hazardous materials that are present.
3. Drawing AD1.00 - Overall Demolition Plan
 - a. Drawing reissued with clarifications to the scope of overall demolition.
4. Drawing A9.01 - Door & Frame Elevations I

- a. Drawing reissued, attached to this Addendum No. 2, Detail OH-3/A9.01: regarding opening D103D (Control Room D103.1), the R.O. for this opening shall be 4'-6" high x 5'-0" wide. The T.O. sill for the R.O. shall be +2'-6" AFF. See Detail K4/A12.04.
5. Drawing A9.03 - Aluminum Frame Elevations II
- a. Drawing reissued, attached to this Addendum No. 2, Detail C02A & C02B/A9.01: frame elevations revised.
6. Drawing A10.02 - Miscellaneous Details III
- a. Detail F2/A10.02: Display cases shall be provided in accordance with Specification Section 10 12 00. All display cases shall be the 24" deep, with the following exceptions:
 - (1) Gathering D113: two display cases shall be shall be 14" deep.
 - (2) Student Gathering D212: two display cases shall be shall be 14" deep.
 - (3) Corridor C212: two display cases shall be 20" deep.
7. Drawing A12.01 - Casework Elevation I
- a. Drawing reissued, attached to this Addendum No. 2, Detail B12/A12.01: revise the detail title room references to "Science C218 & C215 O.H." Details B2, B4, B6, B8 & B12/A12.01: all casework shall be "Maple Veneer" in lieu of "PL-1" and shall be provided in accordance with Specification Section 12 35 53.19. General: residential appliances identified.
8. Drawing A12.02 - Casework Elevations II
- a. Drawing reissued, attached to this Addendum No. 2, Detail K5/A12.02: Rough opening provided for opening D103D in Control Room D103.1. General: residential appliances identified.
9. Revise drawings per Consulting Engineering Services Inc. Addendum No. 2, attached to this Addendum No. 2.

IV. ATTACHMENTS TO ADDENDUM

<u>Description</u>	<u>Pages</u>
Specification Section 00 31 26 - Chain of Custody Form and Laboratory Reports	13
Specification Section 00 63 13 - Bidders' Prebid Requests for Information (Prebid RFI's)	20
Specification Section 11 52 13 - Projection Screens	5
Specification Section 23 09 00 - Direct-Digital Control System for HVAC	35
Specification Section 23 12 13 - Facility Fuel-Oil Pumps	9
Specification Section 23 74 13 - Outdoor Central Station Air Handling Units	19
Specification Section 28 31 00 - Addressable Voice-Operated Fire Alarm	14
Consulting Engineering Services Inc. Addendum No. 2 dated November 9, 2016	3

Sketches

- SKM-4 - Gymnasium B112 Ceiling Fan Controllers (11/08/16)
- SKM-5 - Gymnasium E115 Ceiling Fan Controllers (11/08/16)
- SKM-6 - Supply Air & Return Air Riser Sizes Area C (11/02/16)
- SKM-7 - Supply Air & Return Air Riser Sizes First Floor Area C (11/08/16)
- SKM-8 - Add Supply Air Branch Duct First Floor Area A (11/08/16)
- SKP-1 - Sump Pump Sanitary Piping

Drawings

- HM-003 - Hazardous Materials Abatement Plan
- AD1.00 - Overall Demolition Plan (11/10/16)
- A9.01 - Door & Frame Elevations Addendum No. 2, November 10, 2016

A9.03 Aluminum Frame Elevations II (11/10/16)
A12.01 Casework Elevations I (11/10/16)
A12.02 Casework Elevations II (11/10/16)
EL1.02 - Electrical Lighting First Floor Plan - Area B (11/10/16)
EL1.03 - Electrical Lighting First Floor Plan - Area C (11/10/16)
EP1.02 - Electrical Power First Floor Plan - Area B (11/10/16)
EP1.03 - Electrical Power First Floor Plan - Area C (11/10/16)
EP1.04 - Electrical Power First Floor Plan - Area D (11/10/16)
EP1.05 - Electrical Power First Floor Plan - Area E (11/10/16)
EP1.06 - Electrical Power Second Floor Plan - Area C (11/10/16)
EP1.07 - Electrical Power Second Floor Plan - Area D (11/10/16)
T1.01 - Technology First Floor Plan - Area A (11/10/16)
T1.02 - Technology First Floor Plan - Area B (11/10/16)
T1.03 - Technology First Floor Plan - Area C (11/10/16)
T1.04 - Technology First Floor Plan - Area D (11/10/16)
T1.05 - Technology First Floor Plan - Area E & F (11/10/16)
T5.00 - Technology Details
T5.02 - Technology Details

END OF ADDENDUM NO. 2