

ADDENDUM #2

ISSUED BY EDiS COMPANY

110 S. POPLAR STREET, WILMINGTON, DE 19801

NOTICE: Attach this addendum to the Project Manual for this project. It modifies and becomes a part of the Contract Documents. Work for materials not specifically mentioned herein are to be as described in the main body of the specifications and as shown on the Drawings. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

SPECIFICATION REVISIONS:

- a.) Section 000115 List of Drawings – Replace in its entirety with section dated 2/15/17.
- b.) Section 011100 Summary of Work – Replace in its entirety with section dated 2/15/17.
- c.) Section 084100 Aluminum Framed Entrance and Doors - Add the following manufacturers to the Part 2 Product paragraph
 - a. Kawneer
 - b. YKK AP
- d.) Section 084113 Aluminum Framed Storefront- Add the following manufacturers to the Part 2 Product paragraph
 - a. Kawneer
 - b. YKK AP
- e.) Section 084413 Glazed Aluminum Curtain Walls- Add the following manufacturers to the Part 2 Product paragraph
 - a. Kawneer
 - b. YKK AP
- f.) Section 087100 – Door Hardware – Omit hardware sets shown in section 087100 of the contract documents and substitute attached revised hardware set.

DRAWING REVISIONS:

- a.) A1.0 Cover Sheet – Replace in its entirety with drawing dated 2/15/17.
- b.) A3.1 Lower Level Floor Plan– Replace in its entirety with drawing dated 2/15/17.
- c.) A3.2 Partial First Floor Plan– Replace in its entirety with drawing dated 2/15/17.
- d.) A3.3 Partial First Floor Plan– Replace in its entirety with drawing dated 2/15/17.
- e.) A3.4 Partial Second Floor Plan– Replace in its entirety with drawing dated 2/15/17.
- f.) A3.5 Partial Second Floor Plan– Replace in its entirety with drawing dated 2/15/17.
- g.) A4.1 Building Elevations– Replace in its entirety with drawing dated 2/15/17.
- h.) A4.2 Building Elevations– Replace in its entirety with drawing dated 2/15/17.
- i.) A6.1 Storefront Elevations– Replace in its entirety with drawing dated 2/15/17.
- j.) A6.2 Storefront Details– Replace in its entirety with drawing dated 2/15/17.
- k.) A6.3 Curtainwall Details– Replace in its entirety with drawing dated 2/15/17.
- l.) M8.1 Partial Lower Level and First Floor Mechanical Plan – New Drawing.
- m.) M8.2 Partial Second Floor Mechanical Plan – New Drawing.

MISCELLANEOUS INFORMATION:

- a. Addendum #2 – Clarifications – Studio Jaed

BID RFI QUESTIONS AND ANSWERS:

- 1.) Are the Draper FlexShade XD System a suitable substitution for the specified Roller Shades?

The Draper FlexShade XD System is a suitable substitution for the specified Roller Shades.

- 2.) Is there a specification for the Window Guards?

Window Guard Manufacturer has been identified on updated drawings.

- 3.) Is there a door schedule?

Door Schedule to be released with Addendum #2.

SECTION 000115 LIST OF DRAWINGS

DRWG NO.	DRAWING NAME	BID PACK	ISSUE DATE	LATEST REV. DATE
A1.0	COVER SHEET	B	1/13/17	2/15/17
A3.1	LOWER LEVEL FLOOR PLAN	B	1/13/17	2/15/17
A3.2	PARTIAL FIRST FLOOR PLAN	B	1/13/17	2/15/17
A3.3	PARTIAL FIRST FLOOR PLAN	B	1/13/17	2/15/17
A3.4	PARTIAL SECOND FLOOR PLAN	B	1/13/17	2/15/17
A3.5	PARTIAL SECOND FLOOR PLAN	B	1/13/17	2/15/17
A4.1	BUILDING ELEVATIONS	B	1/13/17	2/15/17
A4.2	BUILDIGN ELEVATIONS	B	1/13/17	2/15/17
A6.1	STOREFRONT ELEVATIONS	B	1/13/17	2/15/17
A6.2	STOREFRONT DETAILS	B	1/13/17	2/15/17
A6.3	CURTAINWALL DETAILS	B	1/13/17	2/15/17
M8.1	PARTIAL LOWER LEVEL AND FIRST FLOOR MECHANICAL PLAN	B	2/10/17	2/15/17
M8.2	PARTIAL SECOND FLOOR MECHANICAL PLAN	B	2/10/17	2/15/17

SECTION 011100 - SUMMARY OF WORK

1. RELATED DOCUMENTS

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

2. CONTRACTS

2.1 The work will be performed under separate prime contracts managed by the Construction Manager.

3. ALTERATIONS & COORDINATION

3.1 Contractor shall be responsible to coordinate their work with the work of others, including, but not limited to, the preparation of general coordination drawings, diagrams and schedules, and control of site utilization, from the beginning of activity, through project close-out and warranty periods.

4. KNOWLEDGE OF CONTRACT REQUIREMENTS

4.1 The Contractor and his Subcontractors, Sub-subcontractors and material men shall consult in detail the Contract Documents for instructions and requirements pertaining to the Work, and at his and their cost, shall provide all labor, materials, equipment and services necessary to furnish, install and complete the work in strict conformance with all provisions thereof.

4.2 The Contractor will be held to have examined the site of the Work prior to submitting his proposal and informed himself, his Subcontractors, Sub-subcontractors and material men of all existing conditions affecting the execution of the Work.

4.3 The Contractor will be held to have examined the Contract Documents and modifications thereto, as they may affect subdivisions of the Work and informed himself, his Subcontractors, Sub-subcontractors and material men of all conditions thereof affecting the execution of the Work.

4.4 The Scope of Work for the Contract is not necessarily limited to the description of each section of the Specifications and the illustrations shown on the Drawings. Include all minor items not expressly indicated in the Contract Documents, or as might be found necessary as a result of field conditions, in order to complete the Work as it is intended, without any gaps between the various subdivisions of work.

4.5 The Contractor will be held to be thoroughly familiar with all conditions affecting labor in the area of the Project including, but not limited to, Unions, incentive pay, procurements, living, parking and commuting conditions and to have informed his Subcontractors and Sub-

subcontractors thereof.

5. CONTRACT DOCUMENTS INFORMATION

- 5.1 The Contract Documents are prepared in accordance with available information as to existing conditions and locations. If, during construction, conditions are revealed at variance with the Contract Documents, notify the Construction Manager immediately, but no more than three (3) days from the day the variance is first known. Failure to give timely notice shall operate to waive any claim Contractor might otherwise have for an adjustment to Contract Time or Sum as a consequence of such variance.
- 5.2 The Specifications determine the kinds and methods of installation of the various materials, the Drawings establish the quantities, dimensions and details of materials, the schedules on the Drawings give the location, type and extent of the materials.
- 5.3 Dimensions given on the Drawings govern scale measurements and large scale drawings govern small scale drawings, except as to anything omitted unless such omission is expressly noted on the large scale drawings.
- 5.4 The techniques or methods of specifying to record requirements varies throughout text, and may include "prescriptive", "open generic/descriptive", "compliance with standards", "performance", "proprietary", or a combination of these. The methods used for specifying one unit of work has no bearing on requirements for another unit of work.
- 5.5 Whenever a material, article or piece of equipment is referred to in the singular number in the Contract Documents, it shall be the same as referring to it in the plural. As many such materials, articles or pieces of equipment shall be provided as are required to complete the Work.
- 5.6 Whenever a material, article or piece of equipment is specified by reference to a governmental, trade association of similar standard, it shall comply with the requirements of the latest publication thereof and amendments thereto in effect on the bid date.
- 5.7 In addition to the requirements of the Contract Documents, Contractor's work shall also comply with applicable standards of the construction industry and those industry standards are made a part of Contract Documents by reference, as if copied directly into Contract Documents, or as if published copies were bound herein.
- 5.8 Where compliance with two (2) or more industry standards, contract requirements, or sets of requirements is specified, and overlapping of those different standards or requirements establishes different or conflicting minimums or levels of quality, then the most stringent requirements, which are generally recognized to be also the most costly, is intended and will be enforced, unless specifically detailed language written into the Contract Documents clearly indicates that a less stringent requirement is to be fulfilled. Refer apparently equal but

different requirements, and uncertainties as to which level of quality is more stringent, to Architect for decision before proceeding.

5.9 Reference standards referenced directly in Contract Documents or by governing regulations have precedence over non-reference standards which are recognized in industry for applicability of work.

5.10 Contractor's bid is based on the complete set of Contract Documents including documents not specifically issued as part of the bid pack but referenced in same.

6. SCOPE OF WORK/GENERAL INFORMATION

6.1 A Scope of Work for each contract to be awarded on the project follows in this section. When a Contract has been awarded to a Contractor, the successful Contractor will be listed after the title of the Contract. When no Contract has yet been awarded, no Contractor's name will be listed. Previous Scopes of Work include addendum changes.

6.2 Contractor is responsible for performing the work listed in the Summary of Work for his contract. Contractor is also responsible for knowing the work that has been assigned to preceding contracts. No additional compensation or extension of time will be allowed a Contractor due to his ignorance of the work assigned to his Contract or to other contracts which may affect his work. The Contractor is responsible, however, for all items which are covered in the Specifications and Drawings relating to their Contract if not specifically mentioned in the Summary of Work.

6.3 The Construction Manager will provide on site a source for temporary electric, temporary water and portable sanitation facilities only. It is each Contractor's responsibility to make the necessary connections, including all material for temporary electric and water. Please note that utility charges for office trailers will be the responsibility of the individual Contractors.

6.4 A dumpster will be provided on site for free use by Contractors to dispose of non-hazardous, common, work-related refuse. Clean-up is the responsibility of each Contractor. Clean up shall be performed on a daily basis. Contractors not complying will be advised in writing and back charged for all costs associated with the clean up of their work.

6.5 Contractors are reminded that there are limited storage areas available on site. Off site storage will be the responsibility of each individual Contractor.

6.6 Office trailer permits off site will be the responsibility of each individual Contractor. On site Contractor's field offices, one (1) per Contractor, if required, will be located as directed by the Construction Manager.

6.7 Contractor will be prepared to discuss and submit a detailed project schedule seven (7) days after receipt of Notice to Proceed and to begin its submittal process. The Project Schedule is

an integral part of this contract. Certain construction sequences and priorities must take place in order to meet the target dates. Concentrated work periods will occur and each Contractor is responsible to staff the project as required by the current Construction Schedule or as directed by the Construction Manager. Contractor will cooperate with the Construction Manager in planning and meeting the required sequences of work and Project Schedule as periodically updated by the Construction Manager.

- 6.8 All bids must include insurance limits in accordance with Article 11 of the Section 007300 SUPPLEMENTARY CONDITIONS.
- 6.9 Hoisting, scaffolding and material handling is the responsibility of each Contractor, unless otherwise noted.
- 6.10 Contractor will be responsible for layout of its own work. The Construction Manager will provide benchmark and layout of the building line.
- 6.11 Contractor will be responsible to keep clean public roadways soiled by construction traffic on a daily basis. If cleaning is not done, the Construction Manager may perform the cleaning on an overtime basis and backcharge the Contractor responsible.
- 6.12 Contractor Scopes of Work and Schedule are interrelated. Familiarity with each is required.
- 6.13 The Construction Manager will provide testing services for soil, concrete and steel. Other testing as required by the Contract Documents will be in accordance with the technical specifications and/or the individual scope of work. Refer to Specification Section 004500 - QUALITY CONTROL.
- 6.14 Safety is the responsibility of each individual Contractor. The project will be governed under the guidelines of OSHA.
- 6.15 Inter-Contractor shop drawing distribution will be performed by the Construction Manager. Contractor is individually responsible for either coordinating his work with these distributed drawings or notifying the Construction Manager, in writing, of any discrepancies.
- 6.16 Coordination with other trades will be required. The Contractor will be required to attend periodic coordination meetings with other trades where requirements, conflicts and coordination issues will be discussed and resolved. Attendance when requested will be mandatory. If inter-Contractor coordination is not satisfactorily performed, the conflicting Contractors shall mutually share the cost to relocate and/or reinstall their work.
- 6.17 Contractor shall submit a schedule of values to the Construction Manager prior to the submission of their first invoice for approval on AIA G702/CMa, Application for Payment and G703, Continuation Sheet.

- 6.18 Contractor is expected to review and coordinate its Work with the complete set of Contract Documents, including all items noted as by his trade whether or not shown on that particular set of drawings. Documents are available at the site for review.
- 6.19 Contractor is responsible for obtaining all necessary permits required for his work, including street permits. Unless otherwise noted, building permit shall be secured by the Construction Manager. Any subcontractor who will be restricting access to street, right of way or adjacent property must notify the Construction Manager 48 hours in advance.
- 6.20 Contractor's License: Submit a copy of all business licenses required by local and state agencies.
- 6.21 Contractor shall absorb, without additional compensation, any and all costs of working beyond normal hours to maintain job progress in accordance with the current construction schedule.
- 6.22 No asbestos or PCB's in or on any material or equipment will be accepted or allowed on this project. All hazardous materials will be treated in accordance with all State and Federal regulations.
- 6.23 Daily clean up of the work is the responsibility of each individual Contractor which includes broom cleaning of their debris as required. Contractor will be individually back charged by the Construction Manager for clean up not satisfactorily performed by the Contractor.
- 6.24 In the event asbestos is uncovered, the Contractor shall notify the Construction Manager of the areas requiring removal of asbestos. The Construction Manager shall then coordinate the removal with the Owner.
- 6.25 This project is to be constructed adjacent to and in existing buildings. Contractor shall exercise all due precautions to minimize noise, air pollution and any other construction hazards which in any way would cause discomfort or danger to the occupants of the existing building in the area.
- 6.26 Existing mechanical, electrical, plumbing, sprinkler, medical gas, fire alarm, etc. systems will be shut off and locked out by the Owner as required by the Work. Tie-in's and modifications to those systems will be performed by the specific Contractor associated with the work as indicated in the Contract Documents. Re-energizing and re-start up of all systems should be performed by the Owner.
- 6.27 The Safety Cable System shall not be altered or removed without a written request submitted to the Project Manager with a copy to the Field Manager. It shall be the responsibility of each and every Contractor that is removing or altering the Safety Cable System to maintain the fall protection safety provided by the safety cable and not leave the area unprotected. Each and every Contractor shall be responsible to re-install the Safety Cable System immediately after work is completed. Each and every Contractor shall be responsible to re-install the Safety

Cable System in accordance to OSHA standards.

- 6.28 Normal work hours for this project are from 7:00 a.m. to 3:30 p.m. Any work to be performed outside of these hours must receive prior approval from the Construction Manager. Requests to work beyond normal work hours shall be submitted at least 48 hours prior.
- 6.29 Contractor is responsible for having a competent project superintendent/foreman on-site during all work performed under its contract.
- 6.30 In the event the Contractor has non-English speaking employees or subcontractors on the project, they shall have a superintendent or foreman on site, at all times, who speaks English and can communicate with Contractor's employees. Should the Contractor fail to meet this requirement, at any time, Construction Manager may direct all Work to stop until the proper supervision is on site. The Contractor will be responsible for maintaining the project work schedule and make up at its own expense, any delay to the Schedule resulting from the work stoppage.
- 6.31 **Punch List Procedures:** Contractor shall be given a copy of the punch list with his appropriate work identified. Contractor shall have nine (9) calendar work days to complete its punch list work. On the 10th day or as determined by the Construction Manager, the Construction Manager shall employ other contractors, as required, to complete any incomplete punch list work and retain from the appropriate Contractors retainage all costs incurred.
- 6.32 Contractor shall provide the necessary safety barricades and railings required to complete their work and comply with all OSHA, local code and contract specifications.
- 6.33 **Temporary Protection:** Provide temporary protection to ensure that no damages occur to existing or new finishes, building components, materials, equipment, etc. In addition, provide all approved signage and safety devices applicable to the referenced temporary protection. An approved temporary protection plan will be required before the initial start of the work.
- 6.34 Provide fine clean up on a daily basis. Fine cleaning will be defined as those means/methods utilized to ensure that all odors, dust, and debris will be non-existent within the project area at the end of each workday. In addition, means and methods shall be utilized that prevent the migration of odors, dust, debris, and excessive noise from migrating into non-working areas. An approved cleanup plan will be required before the initial start of the work.

CONTRACT NO. B-01 - MASONRY

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Division 4	Masonry
Division 7	Thermal and Moisture Protection
Section 079005	Joint Sealers
Section 099001	Paintings and Coatings

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

- 1.) Provide all labor, material, trucking, equipment, hoisting, scaffolding, power, temporary facilities, permit fees, supervision, layout, clean up, haul off, dumpsters, etc. for the complete performance of all contract work
- 2.) Provide Cast Stone cleaning/power washing including but not limited to sills, lintels, horizontal bands, door surrounds, panels, and copings.
- 3.) At all existing cast stone sills and lintels, remove existing mortar and sealant from vertical joints and clean interior surfaces of joints. Install new mortar at existing cast stone vertical joints and rake back new mortar joint to create a 1" recess. Install new backer rod and exterior sealant at 1" recess to finish joint. Remove **400 L.F.** damaged cast stone sill and lintel pieces and install **400 L.F.** new cast stone sill and lintel pieces to match. **(Addendum #2)**
- 4.) At existing precast panels, remove existing mortar and sealant from joints. Clean interior surfaces of joints. Install new mortar at all existing precast panels joints and rake back new mortar joint to create 3/4" recess. Install new backer rod and exterior sealant at 3/4" recess to finish joint. Remove exposed abandoned fasteners and fill voids with grout to match precast color. Power wash existing precast panels.
- 5.) Where noted on floor plans with "W" or "C" designation, ~~remove existing window system including frame, glazing, hardware, fasteners, wire mesh panels, damaged wood blocking and damaged flashing. Remove existing stone interior window sills.~~ Existing cap stone exterior window sills are to remain unless cracked or damaged. ~~Where wood blocking and flashing are removed, install new pressure treated wood blocking as required for new storefront or curtainwall installation and new .050" aluminum flashing as required to ensure a weather tight installation at new storefronts and curtainwalls.~~ At existing masonry voids and new voids created by demolition, provide grout filler to match color, texture, and plane of masonry. **(Addendum #1)**

- 6.) Provide masonry units, reinforcing, accessories and related work. ~~(Cast Stone Sills— Exterior)(Quantity 25).~~ (Addendum #1)
- 7.) **Provide exterior cast stone sills as a unit price. (Addendum #1)**
- 8.) Provide Cast stone/limestone work.
- 9.) Provide caulking related to materials supplied under this section and existing conditions/materials supplied by other contracts.
- 10.) **Provide exterior painting and coatings including surface preparation, primers and field application of paints. Provide a mock up for quality control verification. Verify surfaces to be finished noted in Technical Section 099001, field conditions and the items listed in this Scope of Work. (Addendum #1)**
- 11.) Existing steel lintels are to remain. Grind clean all surfaces to remove rust, scale, and corrosion. Prep and paint. Provide for all locations where windows are to be replaced. (Addendum #1)
Provide new sealant and backer rod at lintels. (Addendum #2)
- 12.) Provide manpower to meet required schedule dates.
- 13.) **Provide pricing for all alternates. (Addendum #1)**
- 14.) Temporary protection for final wash down/cleaning of masonry.
- 15.) All warranties begin at overall project substantial completion. This project requires a two-year general warranty, in addition to the specific warranties required by the Contract Documents.
- 16.) **This Contractor shall include the following allowances in the Base Bid. Allowances to be used at the discretion of the Construction Manager. Unused portions of the allowance shall be returned to the Owner via change order.**
 - a. **\$10,000 for miscellaneous masonry work. (Addendum #1)**

CONTRACT NO. B-02 - CARPENTRY AND GENERAL WORK

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Division 2	Existing Conditions
Section 062000	Finish Carpentry
Division 3	Concrete
Division 6	Wood Plastics and composites
Division 7	Thermal and Moisture Protection
Division 9	Finishes
Division 12	Furnishings

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide labor and materials to perform the work related to all carpentry and general work as described within the scope of this Contract.
2. Provide all labor, material, trucking, equipment, hoisting, scaffolding, power, temporary facilities, permit fees, supervision, layout, clean up, haul off, dumpsters, etc. for the complete performance of all contract work
3. **Provide complete interior demolition as shown on the architectural drawings. Demolition of existing mechanical, plumbing, and electrical systems is to be provided by the associated contractor. (Addendum #1)**
 - a. **Provide protection of adjacent materials and structures.**
 - b. **Provide dumpsters and complete removal from site for all demolition debris. This project will require sorting and recycling. This contractor owns providing dump tickets showing that all demolition debris has been recycled and detailed quantities of recycled debris.**
 - c. **Provide daily cleanup and fine cleaning.**
 - d. **Remove from site all combustible material including, but not limited to wood, steel, iron, structural steel, and dispose of in a legal manner. No on site burning of material will be allowed at any time.**

- e. This Contractor shall notify the Construction Manager immediately if hazardous materials (i.e. asbestos, lead, PCB's, etc.) are uncovered. At that time, all work in the affected area will be stopped until proper removal can be completed by others (i.e. hazardous material abatement contractor).
- f. Coordination of this scope of work with abatement contractor. Abatement contractor to remove asbestos materials.
- g. Temporary maintenance standby labor such as for temporary water, temporary power, temporary light and the like where required due to this Contractor's work is to be included within the Contract Price.
- h. This Project is to be constructed adjacent to existing buildings, this Contractor shall exercise all due precautions to minimize noise, air pollution and any other construction hazards which in any way would cause discomfort or danger to the occupants of the existing buildings in the area.
- i. All light, power, water and any other utilities, including special provisions for hookups to same for this Contractor's operations will be provided by this Contractor within the Contract Price.
- j. This Contractor shall comply with all Federal, State and local laws requiring noise control and hours which work is to be conducted. Mufflers, "whisperized" compressors, etc., shall be used as required for compliance with laws and ordinances throughout the course of the Work.
- k. It is understood that all Work under this Contract shall be in strict accordance with the Building Code with the City, State and any other agency having jurisdiction. In the event of any conflict in any provisions of any regulatory agency and Contract Documents, the more stringent requirements shall apply.
- l. This Contractor is aware of the structural capacities of various portions of the structure. Cranes, materials, deliveries and material storage, shall not exceed rated capacities without this Contractor taking appropriate steps to compensate for the imposition of loads which may exceed the design criteria and which are imposed solely by this Contractor's operations.
- m. This Contractor shall provide any and all "fire watch" personnel required due to the Contractor's cutting, burning, welding or other open flame activity.
- n. This Contractor shall submit proposed methods and operations of building demolition to the Owner, his representative or agents for review prior to the start of work, including a schedule of coordinating the shut off, capping and/or continuation of utility services

as required.

- o. This Contractor shall visit the site of the proposed work, fully acquaint and familiarize himself with the conditions as they exist and the character of the operations to be carried out under the proposed Contract, and make such investigation as he may see fit so that he shall fully understand the facilities, physical conditions and restrictions affecting the work under the Contract. Claims for additional compensation and/or extensions of time because of Contractor's failure to familiarize himself with all conditions which might affect the work shall not be allowed.**
 - p. This Contractor, in the performance of the Work under his contract, shall maintain all required means of egress from the existing buildings and alter such stairs, platforms and fire escapes as required to satisfy all agencies having jurisdiction.**
 - q. This Contractor shall make a careful examination of the structures to be demolished and the adjoining property and utilities which are to remain; take whatever precautions are necessary and carry on operations so as to prevent personal injury and any settlement, collapse, damage from falling debris or other causes to adjacent building.**
 - r. All equipment, materials and debris shall be regularly removed by this Contractor from the Site as work progresses in such manner as not to create a nuisance, and shall be disposed of by this Contractor at his own expense, at locations to be determined by this Contractor. Permits required in connection with the disposal of the materials shall be obtained by this Contractor. Disposal shall be in accordance with all Federal, State and local laws, rules, codes, orders and regulations.**
 - s. Contractor shall remove debris promptly and will not burn anything on the site. Contractor shall keep required fire extinguishing equipment in serviceable condition, properly distributed so that it will be available for immediate use, particularly during any acetylene cutting operations. This Contractor shall afford adequate facilities for inspection by, and carry out the recommendations of, the local Fire Department. This Contractor shall maintain one fire riser during demolition.**
 - t. This Contractor shall provide signed and stamped dump site debris tickets identifying the location, date, time and quantity of debris deposited at the dump site.**
- 4. Provide like new repair of adjacent areas impacted by demolition under this contract.
 - 5. Provide temporary protection as required for this contract. Temporary protection of window openings will be provided by the abatement contractors. Coordination with abatement contractor will be required.
 - 6. This Contractor is responsible for all dumpsters, disposal fees and labor required to dispose of demolition debris, junk and trash from the site.

- ~~7. Remove, modify, and reinstall honed slate sills. If slate sills are damaged during removal, provide new honed slate sills. Include as part of base bid 10% breakage due to removal, modification, or reinstallation. Black honed slate sill beyond to remain. Replace 200 LF of slate sill material where damaged. Re-grout joints between pieces. Polish & Oil exposed surfaces. Reference sill note on Sheet A6.3. (Addendum #2)~~
- ~~8. Modify existing wood sills to remain to accommodate new storefront systems. At existing wood sill, assume the existing windows are 1 3/4" and new windows are 4 1/2" in depth. Wood sills are to be removed, modified to accommodate new window systems, and reinstalled. (Addendum #1)-(Addendum #2).~~
9. Provide Roller Shades.
10. Provide removal and reinstallation of Acoustical Ceilings. If tiles/grid are damaged during removal, provide new tile/grid to match existing. Provide infill, replacements and reworking of ceilings around renovated areas. Include tile units, suspension systems and all accessories as specified. Assume removal/reinstallation of 2' of ACT x length of each room. Provide new metal soffit by ceiling manufacturer. (Addendum #2)
11. Provide demolition of existing wood fascia as indicated on contract drawings. (Addendum #2)
- ~~12. Remove existing rolling overhead steel gate. Provide infill as required to match existing conditions. (Addendum #1)~~
13. Provide all rough carpentry related to the exterior skin of the building including wood nailers, blocking and supports.
14. Provide all rough carpentry related to the interior of the building including blocking, wood nailers, etc. for the installation of fire extinguishers, doors, windows, toilet accessories, cabinets, toilet partitions, casework, millwork, etc. including fire treating, as required.
15. Provide gypsum board assemblies and gypsum plastering at new and modified construction. Provide demolition scar patches, opening infills, and other cutting and patching associated with the scope of this Contract. Assume the existing windows are 1 3/4" and new windows are 4 1/2" in depth. This contractor will be responsible for the demolition of the existing plaster/drywall soffits, jambs, and returns. This contractor will also be responsible for the patching of these locations to the new jamb conditions. (Addendum #1). Provide removal of existing plaster jambs and install new 5/8" GWB on new P.T. wood blocking. Provide plaster transition to existing plaster walls. Reference plaster jamb note and architectural drawings for locations. Provide plaster repair at jambs as indicated on contract drawings. (Addendum #2)

16. Provide plaster repair as indicated on contract drawings.(Addendum #2)
- ~~17. Provide wall and floor tile, accessories and trim, thresholds, setting beds, grouting and protection, cleaning and grout sealing associated with Alternate No. 1. (Addendum #1)~~
- ~~18. Provide resilient flooring, base and accessories at new and modified construction. Provide subfloor filler, primers and subfloor surfaces, infill, replacements and flooring materials required for cutting and patching at new and renovated construction. This Contractor shall provide the VCT flooring in the elevator. (Addendum #1)~~
- ~~19. Provide interior painting and coatings including surface preparation, primers and field application of paints. Provide a mock up for quality control verification. Verify surfaces to be finished noted in Technical Section 099001, field conditions and the items listed in this Scope of Work. This contractor will be responsible for painting the window jambs, sills, heads, returns, etc. If drywall repair goes beyond jambs, sills, heads, returns, etc., this contractor will be responsible for painting the entire wall to the next corner/joint. (Addendum #1) (Addendum #2)~~
- ~~20. Existing steel lintels are to remain. Grind clean all surfaces to remove rust, scale, and corrosion. Prep and paint. Provide for all locations where windows are to be replaced. (Addendum #1)~~
21. Provide caulking related to window sill installation. Remainder of caulking to be provided by Glass and Glazing contractor.
22. Provide anchoring devices, fasteners, inserts, metal supports and other related items associated with the installation of the above items with-in this contract.
23. This Contractor shall at a minimum provide and maintain for the length of the project, one temporary fire extinguisher for each 3,000 sq. ft of the protected building area. Fire extinguishers shall be 10lb, Multi-Purpose (ABC) dry chemical, UL labeled, with a rating of 3a:40bc.
24. Where noted on floor plans with "W" or "C" designation, remove ~~existing window system including frame, glazing, hardware, fasteners, wire mesh panels,~~ damaged wood blocking and ~~damaged flashing.~~ Remove existing stone interior window sills. ~~Existing cap stone exterior window sills are to remain unless cracked or damaged.~~ Where wood blocking and flashing are removed, install new pressure treated wood blocking as required for new storefront or curtainwall installation and new.050" aluminum flashing as required to ensure a weather-tight installation at new storefronts and curtainwalls. At existing masonry voids and new voids created by demolition, provide grout filler to match color, texture, and plane of masonry. (Addendum #1)
25. Remove and reinstall existing valances as indicated on contract drawings. Provide safe

- storage for all materials. (Addendum #2)**
26. **Provide all doors, frames, and hardware as indicated on contract drawings. Grout all frames as indicated on detail DH-2, DJ-1, & DJ-2.**
27. **Provide wall to mullion detail (5/3.2) as indicated on contract drawings.**
28. **Remove existing wood sill and install new P. Lam sill with recessed grilles. Reference Sill Detail S3 on sheet A6.2. (Addendum #2)**
29. Provide manpower to meet required schedule dates.
30. This Contractor shall include the following allowances in the Base Bid. Allowances to be used at the discretion of the Construction Manager. Unused portions of the allowance shall be returned to the Owner via change order.
- a. \$5,000 miscellaneous carpentry work.
 - b. \$5,000 for miscellaneous painting work. (Addendum #1)**
 - c. \$5,000 for miscellaneous acoustical ceiling work.
 - d. \$10,000 Temporary Protection (Including Fall Protection).
 - e. \$5,000 for miscellaneous wall and floor tile
31. Provide operation and maintenance manuals, attic stock, maintenance tools, demonstration and training.
32. All warranties begin at overall project substantial completion. This project requires a two-year general warranty, in addition to the specific warranties required by the Contract Documents.

CONTRACT NO. B-03 – GLASS AND GLAZING

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Section 024100	Demolition
Division 04	Masonry
Division 06	Wood, Plastic, and Composites
Section 072100	Thermal Insulation
Section 076200	Sheet Metal and Flashing
Section 079005	Joint Sealers
Section 084100	Aluminum Framed Entrance and Doors
Section 084313	Aluminum Framed Storefronts
Section 084113.10	Aluminum Framed Storefronts - Interior
Section 084413	Glazed Aluminum Curtain Walls
Section 088000	Glazing
Division 09	Finishes
Division 12	Furnishings

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide all labor, material, trucking, equipment, hoisting, scaffolding, power, temporary facilities, permit fees, supervision, layout, clean up, haul off, dumpsters, etc. for the complete performance of all demolition work to remove windows as stated on the drawings and necessary to prepare opening for new windows.
2. Provide all labor, material, trucking, equipment, hoisting, scaffolding, power, temporary facilities, permit fees, supervision, layout, clean up, haul off, dumpsters, etc. for the complete performance of all windows, aluminum entrance doors, storefronts, curtain walls, glazing.
3. **Demolition of wire mesh panels. Coordinate with abatement contractor concerning demolition schedule. Provide Steel Woven Wire Mesh Window Guard. See building elevations on sheet A4.1 & A4.2. (Addendum #1) Provide 10 GA x ½" diamond galvanized steel woven wire mesh window guard assembly to cover entire masonry opening. Provide Kenco Wire & Iron Products Inc. Window Guard or approved equal. (Addendum #2)**
4. Coordination of this scope of work with abatement contractor. Abatement contractor to

-
- remove asbestos materials. All other demo for window scope of work by this contractor.
5. Coordination with steel lintel cleaning and painting scope of work done by others.
 6. Coordination with blocking scope of work done by others.
 7. Coordination with new black honed slate sill by others.
 8. Coordination with work removal of suspended ceiling tile by others.
 9. Coordination with CFMF by others.
 10. Coordination with power washing by others.
 11. Coordination with window treatment removal and install by others
 12. Coordination with Masonry scope by others.
 13. Provide complete curtain wall, storefront, glass and glazing.
 14. Provide aluminum door systems and handling
 15. Finish hardware for aluminum doors only
 16. Provide caulking. Caulk between the materials supplied under this section and the adjacent surfaces. Caulking for the window sills will be in the Carpentry & General Works contract, caulking for exterior cast stone sills will be in the Masonry contract. The remainder of the caulking will be in this contract.
 17. Where noted on floor plans with "W" or "C" designation, remove existing window system including frame, glazing, hardware, fasteners, wire mesh panels, ~~damaged wood blocking and damaged flashing. Remove existing stone interior window sills. Existing cap stone exterior window sills are to remain unless cracked or damaged.~~ Where wood blocking and flashing are removed, ~~install new pressure treated wood blocking as required~~ for new storefront or curtainwall installation and new .050" aluminum flashing as required to ensure a weather-tight installation at new storefronts and curtainwalls. ~~At existing masonry voids and new voids created by demolition, provide grout filler to match color, texture, and plane of masonry.~~ Reference ACM drawings to determine location and quantity of windows Abatement contractor will be removing. All remaining windows are to be demolished by this contractor. (Addendum #1)
 18. At existing steel column or beam to remain, provide 6" wide x full height brake metal to match storefront or curtainwall frame at both interior and exterior sides. See details on A6.2 and A6.3.

19. Provide full brake metal at full perimeter of storefront or curtainwall frame at both interior and exterior sides. See details on A6.2 and A6.3.
20. Provided 2" x 4" extruded aluminum tube horizontal guardrail installed inside jambs at 3'0" A.F.F. by aluminum storefront manufacturer.
21. Provide break metal.
22. Provide flashings and aluminum drip edge.
23. Provide extruded aluminum tube guardrail.
24. Hoisting/scaffolding related to the work of this Contract
25. Project start is estimated to be 6/15/17 and completion 8/21/17, any expediting of design, shop drawings, manufacturing, shipping, etc. Should be part of base bid.
26. Provide touch up for all components.
27. Provide daily cleaning of this scope of work.
28. Provide cleaning of windows at end of installation.
29. Provide demolition of windows that were not removed as part of abatement work. See ACM Drawings to determine the locations and quantity of windows to be demolished by this contract. (Addendum #1)
- 30. At existing structural steel columns, remove existing 1/8" aluminum plate cover from existing column side and install new 1/8" aluminum plate cover. Reference detail 4/3.2.(Addendum #2)**
- 31. Move new storefront or curtain wall outboard (hold interior side at same location as existing interior window face). Conceal existing joint between wythes of masonry and sealant residue from window demolition. (Addendum #2)**
32. Provide manpower to meet required schedule dates.
33. Provide a \$10,000 allowance to be used at the discretion of the Construction Manager.
34. Provide alternates as indicated in section 012300.

CONTRACT NO. B-04 - MECHANICAL AND PLUMBING

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification Sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Division 23	Mechanical

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide a complete mechanical system as indicated on the Drawings and in the Specifications.
2. ~~Division 16 of the specifications should be reviewed as it relates to the power wiring and other requirements for HVAC equipment including the coordination of furnishing and installing motor starters as provided in the specifications. (Addendum #1)~~
3. ~~This Contractor shall be responsible to designate an individual within his organization, intimately familiar with this project and assigned on site, to act as the System Start-up Coordinator. This individual must be pre-approved by the Construction Manager. This individual's responsibilities shall include, but not be limited to, coordinating the start-up of all mechanical equipment, including the coordination between the Electrical Contractor, the Controls Contractor, and all testing, adjusting and balancing work. This individual shall report on a weekly basis, in written form, to the Construction Manager. These reports shall include a summary of current conditions including manufacturers' start-ups, systems' deficiencies noted to date and the remediation of same, coordination issues between trades, system interfacing and forecasting, as necessary to project the completion of each individual system within the building. (Addendum #1)~~
4. Provide all labor, material, trucking, equipment, hoisting, scaffolding, power, temporary facilities, permit fees, supervision, layout, clean up, haul off, dumpsters, etc. for the complete performance of all contract work.
5. ~~Remove and reinstall pipe and duct insulation. (Addendum #1)~~
6. Penetrations through wall, floors, etc. including cutting, patching and fire safing.
7. Clean up.
8. Louvers and vents related to HVAC operations.

9. Selective demolition, modification, and reinstallation of Kool Duct. Disconnect ductwork from UV and move away from window area. Disconnect ductwork from relief louver and backdraft damper assembly mounted in window. Provide safe storage of Kool Duct during window demo/installation. ~~Abatement contractor to remove existing louver and damper assembly as part of window demolition.~~ Demo existing louver and backdraft damper assembly. See section 3/A3.2 and storefront details H8, M8, M9, and J6 and sheet A6.3 for new louver installation. Provide new sheet metal transitions as needed. Upon completion of window installation, reinstall all Kool Duct, and provide new louvers and backdraft dampers as previously installed. This contractor is responsible for cutting openings in the spandrel panels for the installation of louvers and backdraft dampers. Coordinate with window & abatement contractor. ~~This will occur in rooms 119, 121, 123, 125, 127, 129, 131, 135, 137, 139, 141, 225, 229, 231, 233, 237, & 241.~~ (Addendum #1) Reference mechanical plan M8.1 & M8.2. Reference Duct/Louver note. (Addendum #2).
10. Remove (59) existing counter-balance relief-air louver and damper assemblies during existing window demolition and salvage for owner. Provide new counter-balance relief-air louver and damper assemblies to match the size of the existing assemblies and install them in the insulated spandrel panel portion of new storefront systems in locations shown on building elevations. This contractor is responsible for cutting openings in the spandrel panels for the installation of louvers and backdraft dampers. See reflected ceiling plans for ceiling configuration changes required to accommodate new louver and damper assemblies. Reference sheet A4.1, A4.2, & A6.1 for locations. Coordinate with Glass & Glazing & Abatement contractor. (Addendum #1) Provide Ruskin EME 420 MD Wind – Driven rain resistant stationary louver or approved equal. Sizes vary with new storefront opening size. Provide new sheet metal transition. Provide new Pottorff BD-51 or approved equal. Reinstall existing grill. See details 1 & 2/M8.1. (Addendum #2).
11. Disconnect existing sheet metal duct enclosure and ductwork from UV and move away from existing window area. Provide save storage of sheet metal duct enclosure for reinstallation. Disconnect existing ductwork from relief louver and backdraft damper assembly mounted in window. Demo existing louver and backdraft damper assembly. See architectural drawings for new louver and backdraft damper assembly installation. Reinstall existing duct system at new louver and backdraft damper assembly. Reinstall existing sheet metal enclosure at same location. Coordinate with window contractor. Reference sheet metal enclosure note on sheet M8.1. (Addendum #2).
12. ~~Existing relief air louver and damper assembly to be removed and re-installed in the "C-2" glazing panel of the new storefront system where shown on building elevations, sheets A4.1 & A4.2. See note 5.(Addendum #1)~~
13. At A/C Unit label on architectural drawings, remove existing window A/C unit and salvage for owner. (Addendum #2)
14. At all existing louver locations except those at Alternate #1 units, provide new louver and

- backdraft damper assembly. Provide new sheet metal transition and reinstall existing interior grill. See note 5 on sheet A6.1.(Addendum #2)**
15. **At alternate #1 storefront unit's only, new louver and backdraft damper assembly. Provide new sheet metal transition. And reinstall existing duct system where present. See note 6 on sheet A6.1. (Addendum #2)**
16. Temporary Protection including but not limited to walls, floors, etc.
17. Coordinate damper size, location and type of damper with architectural drawings.
18. Provide manpower to meet required schedule dates
19. Provide a \$10,000 allowance to be used at the discretion of the Construction Manager.
20. As-built drawings.
21. All guarantees and warranties to begin at the substantial completion of the entire project. Maintain equipment prior to substantial completion.

Red Clay Consolidated School District
 Baltz Elementary School Renovations
 Architects/Engineers: StudioJAED
 Bid Documents

DOOR HARDWARE
 08 71 00
 Job No. 15051
 January 15, 2016

Hardware Set #: 0002 - SGL DRS HMD & HMF EXTERIOR
 D118 D241

Opening to Have:

Qty	Description	Finish	Mfg
1	CONTINUOUS HINGE A500 x FULL HEIGHT	630	ABH
1	RIM CYLINDER (PRIMUS) 20-709	626	SCHLAGE
1	MORTISE CYLINDER (IC) 20-700 x XQ11-949	626	SCHLAGE
1	RIM EXIT DEVICE CD99NL-OP	626	VON DUPRIN
1	VANDAL RESISTANT TRIM VR910-NL	630	VON DUPRIN
1	DOOR CLOSER 4111 x SHCUSH x SRI	689	LCN
1	FLOOR STOP 1209	626	TRIMCO
1	DOOR CONTACT MC-7 x SPDT x 1" DIA		SDC
1	TEAR DROP SEAL 797B x HEAD & JAMBS	BLK	REESE
1	RAIN DRIP R201A x FULL WIDTH + 4"	628	REESE
1	THRESHOLD S483APR x SRS x FHSL x FULL WIDTH	628	REESE
1	DOOR SWEEP 772A x FULL WIDTH	628	REESE

**Addendum
No. 2****Date:** February 15, 2017**Project:** Baltz Elementary School – Window Replacement
SJ Project No: 15049

The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

Item**General Information / Clarifications:**

1. All drawings in the contract documents are being re-issued in this addendum.

Changes to Drawings / Clarifications:

1. **Drawing I.0:** Added Drawings “M8.1” and “M8.2” to the Index of Drawings. See attached revised drawing.
2. **Drawing A3.1:** Added note for existing A/C window unit demo and note for new jambs and sills at “W23”. Added unit “W23A” See attached revised drawing.
3. **Drawing A3.2:** Added notes to Sections 2 & 3. Added Column Detail and Wall-to-Mullion Detail. Added reference tags at Alt. #1 column details. Changed storefront unit tags at column locations in Alt. #1 area from “W-7” to “W7A”. Identified power/data outlet demo locations and added power/data outlet demo note. Added tag for Wall-to Mullion Detail location. See attached revised drawing.
4. **Drawing A3.3:** Identified power/data outlet demo locations and added power/data outlet demo note. Added note for existing A/C window unit demo. Added plaster jamb replacement note and locations. Added door “D118” door tag. Deleted (2) existing window units at Cafeteria shown in error on the contract documents. Added note to remove and reinstall existing valances at admin. “W-3” units. Added (3) tags for Wall-to Mullion Detail locations. See attached revised drawing.
5. **Drawing A3.4:** Added reference tags at Alt. #1 column details. Changed storefront unit tags at column locations in Alt. #1 area from “W-7” to “W7A”. Identified power/data outlet demo locations and added power/data outlet demo note. Added tag for Wall-to Mullion Detail location. Changed storefront unit tags at column locations in Alt. #1 area from “W-7” to “W7A”. See attached revised drawing.
6. **Drawing A3.5:** Identified power/data outlet demo locations and added power/data outlet demo note. Added note for existing A/C window unit demo. Added plaster jamb replacement note and locations. Added door “D241” door tag. Deleted (2) existing window units at Cafeteria shown in error on the contract documents. Added note to remove and reinstall existing valances at admin. “W-3” units. Added (3) tags for Wall-to Mullion Detail locations. Added door schedule and details. See attached revised drawing.
7. **Drawing A4.1:** Added louver note at window grilles. Added note to see Sheet “A6.1” for revisions to mullions in storefront assemblies. Changed (2) notes at Legend. Changed note at Counter-balance relief-air louver and damper assemblies. Changed quantity at Cast Stone Note. See attached revised drawing.
8. **Drawing A4.2:** Deleted (2) existing window units at Cafeteria shown in error on the contract documents. Added note to see Sheet “A6.1” for revisions to mullions in storefront assemblies. Changed (2) notes at Legend.
9. **Drawing A6.1:** Added mullions to some storefront assemblies. Added notes to clarify louver locations and tags to new louver details. Added unit “W7A”. Added note to install kiln exhaust at “W23A”. Added notes to “W23”.
10. **Drawing A6.2:** Added notes to move all new storefront units outboard in existing openings, to repair plaster at existing jambs, and to restore existing black honed slates sills to remain. Reconfigured existing ceilings at new storefronts so most ceiling infills extend to new storefront frames (panels changed to spandrel glazing at these locations). Located new roller shades at underside of new ceiling infill. Replaced window sill at unit “S-3”.
11. **Drawing A6.3:** Added spec. at window guards. Added head, jamb, sill and mullion details at new louver infills in new storefront frame. Added notes to move all new storefront units outboard in existing openings, to repair plaster at existing jambs, and to restore existing black honed slates sills to remain. Reconfigured existing ceilings at new storefronts so most ceiling infills extend to new storefront frames (panels changed to spandrel glazing at these locations). Located new roller shades at underside of new ceiling infill. Replaced window sill at unit “S-3”.
12. **Drawing M8.1, M8.2:** Added for scope clarification for ductwork removal and modifications. Coordinate with window contractor for removal of existing louver and backdraft damper system and installation of new. Include removal and reinstallation of interior grill and priming and painting of the new ductwork.

Changes to Specifications:

1. **Specification Section 08 71 00 – Door Hardware:** Omit hardware sets shown in section 08 71 00 of the contract documents and substitute attached revised hardware set.