

ADDENDUM No. TWO

Project Name: Exterior Restoration at 15 and 21 The Green
State of Delaware Contract Number: MC2006000083

Project No.: 8216.11-14

Date of Issue: April 2, 2015

Notice No. 1: Attach this addendum to the Project Manual for this project. It modifies and becomes part of the Bidding Documents. Work or material not specifically mentioned herein is to be as described in the main body of the specification and as shown on the drawings.

Bids Due: Thursday, April 9, 2015, at 10:00 AM
Division of Facilities Management
Thomas Collins Building
540 South DuPont Highway, Suite 1,
Dover, DE 19901

Clarifications:

1. Attached to this Addendum you will find the scope that has been prepared for the State's abatement contractor by Harvard Environmental, Inc. This scope is only being provided for the purpose of assisting bidders in coordinating their scope of work under the general contract. The abatement of asbestos is being handled under a separate contract. Bidders are responsible for coordinating their scope of work with the State's abatement contractor.

Technical Manual:

1. Bid Form: The Bid Form has been revised and is included with this Addendum.
2. Section 012100 Allowances: Replace the section with the attached revised section.
3. Section 012200 Unit Prices: Replace the section with the attached revised section.
4. Section 012300 Alternates: Replace the section with the attached revised section/
5. Add the attached Section 088950 – Applied Plastic Film.
6. Section 099113 Exterior Painting – delete Paragraph 3.1.C.3 in its entirety and substitute the following:
 3. Existing Woodwork: As part of a previous, terminated contract, paint was removed from existing woodwork indicated to remain using materials and methods that have resulted in physical damage to woodwork (gouges, scrapes, and other damage) as well as residual chemicals that have caused a partial failure of the primer coat. Remove paint and prepare damaged woodwork as follows:

- a. General:
 - 1) All methods of paint removal that damage wood surfaces or adjacent masonry surfaces are prohibited, including all types of mechanical removal systems, abrasive blast systems, and all other non-specified methods.
 - 2) Use a combination of dry sanding and solvent-based or water-based paint remover that is not alkaline, to prevent raising of wood grain and failure of new paint system because of leaching of chemicals.
- b. Protect all surrounding surfaces from etching, paint removal, or other surface damage caused by paint remover.
- c. Remove paint using Peel-Away 7 as made by Dumond Chemicals, Inc. or equal product made by Back-To-Nature. Remove paint in accordance with paint remover manufacturer's recommendations, including dwell times, temperature levels, and other requirements.
- d. Following removal, neutralize bare wood surfaces using methods recommended by Dumond Chemicals, Inc. for neutralizing wood following the use of Peel-Away 1 or other alkaline-based stripper (which is believed to be the cause of the present primer failure).
- e. Fill scrapes and gouges with wood filler and sand to smooth surfaces.

Drawings:

1. Sheet A-101, Drawing 3: Provide new cased opening in existing wall with new wood trim to match existing opening size and trim at west end of wall. Patch finishes as required. Paint entire north wall of Office 118. Provide sheet vinyl flooring at Toilet 120. Provide Mannington Commercial Assurance II slip retardant sheet flooring w/ 0.080 in wearlayer and 0.080 in overall thickness, compliant with ASTM F-1913, Class I per ASTM-E-648, and compliant with ASTM-E-662, with a static coefficient of friction that is ADA compliant. Install with manufacturer's recommended adhesive and chemical seam sealer. Color: as selected from manufacturer's full range. Five year warranty. Provide new wood wall base to match existing wood wall base in Office 118. See sketch ASK-001, attached.
2. Sheet A-101, Drawings 1 & 2 and Sheet A-102, Drawings 1 & 2: Delete all window marks. For all window repair references, refer to window marks on elevation drawings.
3. Sheet A-102, Drawing 1: STORAGE 216: Existing flooring will be abated under a separate contract. Prepare subfloor to receive a new finish. Furnish and install sheet vinyl flooring. Provide Mannington Commercial Assurance II slip retardant sheet flooring w/ 0.080 in wearlayer and 0.080 in overall thickness, compliant with ASTM F-1913, Class I per ASTM-E-648, and compliant with ASTM-E-662, with a static coefficient of friction that is ADA compliant. Install with manufacturer's recommended adhesive and chemical seam sealer. Color: as selected from manufacturer's full range. Five year warranty. Provide new 4" vinyl base.



4. Sheet A-102: Add sketch ASK-002, THIRD FLOOR PLAN, for reference, attached.
5. Sheet A-202, Drawing 1; Sheet A-502, Drawing 5; and Sheet A-601, Drawing 1: Change new window TYPE I from a casement window to a double hung window, typical of four. See revised section detail sketch ASK-003, attached. Delete storm windows at TYPE I windows.
6. Sheet A-502, Drawing 4: Provide insulated glass panels at new hung windows W001 and W002. Delete exterior storm windows at W001 and W002.

End of Addendum No. Two

Enclosures



Kirk Short Abatement Scope of Work
MC 2006000083

Window Frame and Sash Removal:

N301 – Note 1
N302 – Note 1
N303 – Note 2
N304 – Note 2

Note 1 - Workers to de-contaminate wood frame around vinyl window and brick/ concrete using industry standard methods for non-friable asbestos removal using hand tools. Vinyl Window will be disposed of abatement contractor; other wood window components shall be left for others to salvage and potentially restore at a later date.

Note 2 - Workers to de-contaminate wood and brick/ concrete using industry standard methods for non-friable asbestos removal using hand tools. Each window frame and sash shall be left for others to salvage and potentially restore at a later date.

Window Sash Removal:

W301 – Note 3
W302 – Note 3
W201 – Note 3
W202 – Note 3
W203 – Note 3
W204 – Note 3
W205 – Note 3
W206 – Note 3
W207 – Note 3
W208 – Note 3
W101 – Note 3
W102 – Note 3
W103 – Note 3
W104 – Note 3
W105 – Note 3
W106 – Note 3
W107 – Note 3
W108 – Note 3
W109 – Note 3
W110 – Note 3
W001 – Note 3
W002 – Note 3
W003 – Note 3
N202 – Note 3
N203 – Note 3
E210 – Note 3
E211 – Note 3
E212 – Note 3
E108 – Note 5
E109 – Note 5
E110 – Note 5
E111 – Note 5
E112 – Note 3 and Note 4
E006 – Note 3
E007 – Note 3

Note 3- Sashes are to be removed from the window frames and placed into the containment for removal of asbestos glazing. Abatement contractor shall secure window openings using 1/2" thick plywood sheets and wood 2x4's, all-thread metal fasteners, etc., as well as foam backer rods or weather-strips for temporary weather protection. De-contaminated wood (mullions, sashes, etc.) shall be retained for others to restore. All glass panes shall be *cautiously de-contaminated to avoid breakage*. Each window sash shall be marked using the unique window identifiers from the architect's drawings for others to reinstall the restored components at a later date.

Note 4- Following the demolition of the exterior impeding structure to be done by GC, sashes are to be removed from the window frames and placed into the containment for removal of asbestos glazing. Abatement contractor shall secure window openings using 1/2" thick plywood sheets and wood 2x4's, all-thread metal fasteners, etc., as well as foam backer rods or weather-strips for temporary weather protection. De-contaminated wood (mullions, sashes, etc.) shall be retained for others to restore. All glass panes shall be *cautiously de-contaminated to avoid breakage*. Each window sash shall be marked using the unique window identifiers from the architect's drawings for others to reinstall the restored components at a later date.

Note 5- Sashes and mullions are to be de-contaminated and shall be left within the window opening for others to restore. All glass panes shall be *cautiously de-contaminated to avoid breakage*.

Asbestos Floor Removal:

GL-5 – 2nd Floor Bath – Note 6

Note 6- Two layers of asbestos floor tile and mastic are to be removed and wood de-contaminated. Abatement contractor shall scour the wood floor to remove the asbestos mastic. The decontaminated floor planks shall be left in place within the room for others to remove and replace.

Asbestos Roof Removal:

Roof C – Note 7

Roof D – Note 7

Note 7 - Remove asbestos flashing at curb. Roofing contractor shall coordinate weather call schedule with abatement contractor, Owner's Rep. and State PM. One shift per roof is expected for abatement.

Asbestos Pipe Removal:

Basement Storage – 15 The Green; North Room below bathrooms – Note 8

Note 8 - Remove asbestos pipe fitting insulation on elbows, T's and hangers. Fiberglass insulation is to remain. Re-insulation of abated pipe fittings is not in the abatement contract.

Kirk Short Abatement Scope of Work
MC 2006000083

LOCATION	MATERIAL DESCRIPTION	QUANTITY	ASBESTOS CONTENT	ENCLOSURE TYPE	CLEARANCE CRITERIA
2 ND FLOOR BATHROOM GRIDS GL-5	9X9 FLOOR TILE & MASTIC (TWO LAYERS)	EST. 90 SF	8-10% CHRYSOTILE ASBESTOS	FULL CONTAINMENT	PCM
BASEMENT ROOM 026	PIPE FITTING INSULATION ON FIBERGLASS INSULATED PIPE	34 EA	5% CHRYSOTILE ASBESTOS	MINI ENCLOSURE	PCM
ROOF C	ROOF FLASHING TAR	EST. 40 LF	10% CHRYSOTILE ASBESTOS	REGULATED AREA	VISUAL
ROOF D	ROOF FLASHING TAR	EST. 27 LF	3% CHRYSOTILE ASBESTOS	REGULATED AREA	VISUAL
EAST AND WEST WALLS	WINDOWS CONTAINING EXTERIOR GLAZING	EST. 1,696 LF (35 SASHES EACH)	2% CHRYSOTILE ASBESTOS	FULL CONTAINMENT*	PCM
NORTH WALL (3 RD FLOOR)	WINDOWS CONTAINING INTERIOR CAULKING	EST. 48 LF (4 FRAMES AND SASHES EACH)	3% CHRYSOTILE; 2% ANTHOPHYLLITE ASBESTOS	ENCLOSURE AT PERIMETER WALL**	PCM

*** Containment (single layer floor, wall, ceiling with double layer critical seal) to be placed within the basement of the facility. Sashes are to be removed from the window frames and placed into the containment for removal of asbestos glazing. Abatement contractor shall secure window openings using 1/2" thick plywood sheets and wood 2x4's, all-thread metal fasteners, etc., as well as foam backer rods or weather-strips for temporary weather protection. All work shall adhere to abatement regulations, industry standard methods for non-friable asbestos removal using hand tools. De-contaminated wood (mullions, sashes, etc.) shall be retained for others to restore. All glass panes shall be *cautiously de-contaminated to avoid breakage*. Each window sash shall be marked using the unique window identifiers from the architect's drawings for others to reinstall the restored components at a later date.**

**** Sufficient sized containment (single layer floor, wall, ceiling) to be placed within the room(s) over the window openings. Workers to de-contaminate wood and brick/ concrete using industry standard methods for non-friable asbestos removal using hand tools. Each window frame and sash shall be left for others to salvage and potentially restore at a later date.**

Contractor reserves the right to wrap the window sashes using poly sheeting and transport them to an offsite Delaware location for abatement/decontamination. This location shall fully adhere to all regulatory stipulations regarding asbestos abatement in the State of Delaware and for State of Delaware building projects (with the exception of Dept. of Labor Prevailing wage laws). Transporting of the asbestos containing materials to an out-of-state facility is prohibited. Full containment shall have all required sign posting, decontamination units and poly sheeting linings as described within this specification 01013 and the Master Specification. No offsite abatement/decontamination work shall be performed without the oversight of the Owner's Representative/ Project Monitor. The shift hours of these operations are not restricted with the exception of overtime (beyond 8 hours) and weekends.

EXTERIOR RESTORATION at
15 & 21 THE GREEN
15 & 21 THE GREEN, DOVER, DE 19901
CONTRACT NUMBER MC2006000083

BID FORM

For Bids Due: April 9, 2015, 10:00 AM

To: State of Delaware

Office of Management and Budget

Division of Facilities Management

Thomas Collins Building

540 South DuPont Highway, Suite 1

Dover, Delaware 19901

Name of Bidder: _____

Delaware Business License No.: _____ **Taxpayer ID No.:** _____

(A copy of Bidder's Delaware Business License must be attached to this form.)

(Other License Nos.): _____

Phone No.: () _____ - _____ **Fax No.:** () _____ - _____

The undersigned, representing that he has read and understands the Bidding Documents and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

\$ _____

(\$ _____)

EXTERIOR RESTORATION at
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15 & 21 THE GREEN, DOVER, DE 19901
CONTRACT NUMBER MC2006000083

BID FORM

ALTERNATES

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates. An "ADD" or "DEDUCT" amount is indicated by the crossed out part that does not apply.

1. Alternate 1: State amount to be added to the Base Bid to install insulation at floor cavity of first floor where indicated on drawings.

Add/Deduct: _____

(\$ _____)

Additional number of days to complete Alternate 1 bid work: _____

2. Alternate 2: State amount to be added to the Base Bid to install applied plastic film at all windows within the scope of the project.

Add/Deduct: _____

(\$ _____)

Additional number of days to complete Alternate 2 bid work: _____

EXTERIOR RESTORATION at
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CONTRACT NUMBER MC2006000083

BID FORM

UNIT PRICES

Unit prices conform to applicable project specification section. Refer to the specifications for a complete description of the following Unit Prices:

	DEDUCT	ADD
UNIT PRICE No. 1:		
Antique Replacement Float Glass, 3/32-inch thickness, area of glass that is the equivalent of one lite of window W204.	\$	\$
	_____	_____

EXTERIOR RESTORATION at
15 & 21 THE GREEN
15 & 21 THE GREEN, DOVER, DE 19901
CONTRACT NUMBER MC2006000083

BID FORM

I/We acknowledge Addendums numbered _____ and the price(s) submitted include any cost/schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for thirty (30) days from the date of opening of bids, and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid.

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within _____ calendar days of the Notice to Proceed.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

By _____ Trading as _____
(Individual's / General Partner's / Corporate Name)

(State of Corporation)

Business Address: _____

Witness: _____ By: _____
(SEAL) (Authorized Signature)

(Title)

Date: _____

ATTACHMENTS

- Sub-Contractor List
- Non-Collusion Statement
- Bid Security
- (Others as Required by Project Manuals)

EXTERIOR RESTORATION at
 15 & 21 THE GREEN
 15 & 21 THE GREEN, DOVER, DE 19901
 CONTRACT NUMBER MC2006000083

BID FORM

SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 6962 (d)(10)b Delaware Code, the following sub-contractor listing must accompany the bid submittal. The name and address of the sub-contractor **must be listed for each category** where the bidder intends to use a sub-contractor to perform that category of work. In order to provide full disclosure and acceptance of the bid by the *Owner*, **it is required that bidders list themselves as being the sub-contractor for all categories where he/she is qualified and intends to perform such work.**

Subcontractor Category	Subcontractor	Address (City & State)	Subcontractors tax payer ID # or Delaware Business license #
1. Demolition	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
2. Millwork	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
3. Masonry	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
4. Roofing	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
5. Metal Flashing & Trim	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
6. Exterior Wood Painting	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
7. Joint Sealants	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

EXTERIOR RESTORATION at
15 & 21 THE GREEN
15 & 21 THE GREEN, DOVER, DE 19901
CONTRACT NUMBER MC2006000083

BID FORM

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date to the Office of Management and Budget, Division of Facilities Management.

All the terms and conditions of the Exterior Restoration at 15 and 21 The Green have been thoroughly examined and are understood.

NAME OF BIDDER: _____

AUTHORIZED REPRESENTATIVE
(TYPED): _____

AUTHORIZED REPRESENTATIVE
(SIGNATURE): _____

TITLE: _____

ADDRESS OF BIDDER: _____

E-MAIL: _____

PHONE NUMBER: _____

Sworn to and Subscribed before me this _____ day of _____, 20_____

My Commission expires _____ NOTARY PUBLIC _____

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specifications, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Types of allowances include the following:
 - 1. Lump-sum allowances.
 - 2. Unit-cost allowances.
 - 3. Quantity allowances.
 - 4. Contingency allowances.
 - 5. Testing and inspecting allowances.
- C. Related Requirements:
 - 1. Section 012200 "Unit Prices" for procedures for using unit prices.
 - 2. Section 014000 "Quality Requirements" for procedures governing the use of allowances for testing and inspecting.

1.3 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.4 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.

1.5 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.6 COORDINATION

- A. Coordinate allowance items with other portions of the Work. Furnish templates as required to coordinate installation.

1.7 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include freight and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.

1.8 CONTINGENCY ALLOWANCES

- A. Use the contingency allowance only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.
- B. Contractor's related costs for products and equipment ordered by Owner under the contingency allowance are included in the allowance and are not part of the Contract Sum. These costs include delivery, installation, insurance, equipment rental, and similar costs.
- C. Change Orders authorizing use of funds from the contingency allowance will include Contractor's related costs and reasonable overhead and profit margins.
- D. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

1.9 TESTING AND INSPECTING ALLOWANCES

- A. Testing and inspecting allowances include the cost of engaging testing agencies, actual tests and inspections, and reporting results.
- B. The allowance does not include incidental labor required to assist the testing agency or costs for retesting if previous tests and inspections result in failure. The cost for incidental labor to assist the testing agency shall be included in the Contract Sum.
- C. Costs of services not required by the Contract Documents are not included in the allowance.
- D. At Project closeout, credit unused amounts remaining in the testing and inspecting allowance to Owner by Change Order.

1.10 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.
 - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
 - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other margins claimed.
 - 3. Submit substantiation of a change in scope of work, if any, claimed in Change Orders related to unit-cost allowances.
 - 4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
 - 1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of work has changed from what could have been foreseen from information in the Contract Documents.
 - 2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. Allowance No. 1: Contingency Allowance: Include the sum of \$10,000.00 for repair and/or replacement of items uncovered during the roof replacement and window refurbishment.
 - 1. This allowance includes material cost, receiving, handling, and installation, and Contractor overhead and profit.

END OF SECTION 012100

SECTION 012200 - UNIT PRICES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
- B. Related Requirements:
 - 1. Section 012600 "Contract Modification Procedures" for procedures for submitting and handling Change Orders.

1.2 DEFINITIONS

- A. Unit price is a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.3 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
- B. Measurement and Payment: See individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. 1 – Antique Replacement Float Glass.

1. Description: Glass Type 1: Antique float glass, 3/32-inch thickness.
2. Unit of Measurement: Area of glass that is the equivalent of one lite of window W204.

END OF SECTION 012200

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

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

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A Schedule of Alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. Alternate One: Install insulation in the floor cavity below the first floor.
 - 1. State the amount to be added to the Base Bid for the above work.
 - 2. Refer to drawings for scope of Alternate 1.

- B. Alternate Two: Install applied plastic film at all windows within the scope of the project.
 - 1. State the amount to be added to the Base Bid for the above work.
 - 2. Refer to Section 088950 Applied Plastic Film for requirements.

END OF SECTION 012300

SECTION 088950 – APPLIED PLASTIC GLAZING FILM

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Ultra-violet light-filtering film, for application to the interior face of all new and existing window panes, entire building.
- B. Related Sections include the following:
 - 1. Restoration glass and glazing is specified in Division 8 Section, “Restoration Glass and Glazing.”

1.3 SUBMITTALS

- A. Product data: For glazing film.
- B. Test panel: Apply film to all panes in one entire window (top and bottom sashes).

PART 2 - PRODUCTS

2.1 GLAZING FILM

- A. Glazing film: Vista Solar Control Film V58, ultraviolet light filtering plastic film, for field application to the interior face of all window panes at all windows, entire building.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Clean interior and exterior faces of window panes prior to installation of glazing film.
- B. Install film to comply with manufacturer’s installation instructions, carefully fitted to each window pane, with no air bubbles, entrapped dust or dirt, or perimeter gaps.

END OF SECTION 088950

DRAWINGS REDACTED