



*Planning*

*Architecture*

*Interior design*

*Graphic Design*

*Project Management*

# ADDENDUM to CONTRACT DOCUMENTS

**Date:** February 16, 2018

**To:** All Bidders

**From:** Dave Dalby, BSA+A

**Copies:** All Bidders  
Tim Kain, NCCVTSD  
Al Schrum, NCCVTSD  
Kathy Knotts, BSA+A

**Project Name:** Marshallton Educational Center  
Window Replacement

**Project Number:** 17.019

**Subject:** **ADDENDUM 2**

**NOTICE:**

Attention is called to the following item(s), effective as of the date above, which shall be added to, deleted from, or changed in the contract documents dated **JANUARY, 2018** and any previously issued addenda, thereby incorporating these items into the contract documents.

Attach this Addendum to the project manual for this project. Work or materials not specifically mentioned herein are to be as described in the main body of the specifications and as shown on the drawings. Bidders shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

The following clarification, changes and/or additions shall by this reference be incorporated into the contract documents as though fully set forth therein.

Buck Simpers Architect  
+ Associates, Inc.  
954 Justison Street  
Wilmington, DE 19801  
302.658.9300  
fax 658.1125  
[www.simpers.com](http://www.simpers.com)

**A. GENERAL**

<b>Item No.</b>	<b>Item</b>
<b>A-1</b>	BID FORM ADD: ALLOWANCE No.2: PROVIDE AN ALLOWANCE OF \$65,000.00 TO BE USED TO REPLACE (FURNISH AND INSTALL) DOORS, FRAMES, AND HARDWARE AS DIRECTED.

**B. BIDDER QUESTIONS & CLARIFICATIONS**

<b>Item No.</b>	<b>Question/Answer:</b>
<b>B-1</b>	What trade does the Department of Labor and/or State of Delaware mandate install a “plug-in” type Air Conditioning Unit? RESPONSE: CONTACT DEPARTMENT OF LABOR FOR INTERPRETATION
<b>B-2</b>	We would like to visit the site on Tuesday 1/20 at 10 am. Do you set this up? Or is there someone that we need to contact? RESPONSE: ARRANGE WITH OWNER
<b>B-3</b>	Has the site (paint & caulk) been tested for hazardous materials? Asbestos and Lead? RESPONSE: YES, DISTRICT HAS REPORT AND WILL RETEST ANY MATERIAL THAT IS SUSPICIOUS

**C. MODIFICATIONS TO DRAWINGS**

<b>Item No.</b>	<b>Description:</b>
<b>C-1</b>	DRAWING A-111, A112 WALLS WHERE WINDOWS ARE TO BE REPLACED, ENTIRE LENGTH OF WALL IS TO BE CLEANED, PATCHED, PRIMED, AND FINISH PAINTED.
<b>C-2</b>	DRAWING A-111 FIRST FLOOR PLAN ADD (2) NEW WINDOW TYPE W4 TO PROJECT NORTH WALL VOCATIONAL SPECIALIST AREA. SEE REISSUED DRAWING
<b>C-3</b>	DRAWING A-202 DETAIL 1 BUILDING PARTIAL REAR ELEVATION REMOVE EXISTING BRICK AND PREPARE OPENING FOR NEW WINDOWS AS NOTED FOR FIRST FLOOR. SEE REISSUED DRAWING
<b>C-4</b>	DRAWING A-204 DETAIL 1 WINDOW REPLACEMENT-PARTIAL REAR ELEVATION ADD NEW WINDOWS W4 TO NEW OPENINGS AS NOTED ON FIRST FLOOR. SEE REISSUED DRAWING
<b>C-5</b>	DRAWING A-205 RENAME WINDOW DETAILS 1 AND 2 TO “TYPICAL” WINDOW DETAIL ADD HEAD, JAMB AND SILL DETAILS
<b>C-6</b>	DRAWING A-401 ADD NOTE FOR BRICK REMOVAL

**D. MODIFICATIONS TO SPECIFICATIONS**

<b>Item No.</b>	<b>Description:</b>
<b>D-1</b>	01 21 00 ALLOWANCES 3.3 SCHEDULE OF ALLOWANCES REMOVE Allowance #1 Contractor is to retain a contingency of 10 days lost to delays during construction for any reason (weather, owner delay) Identified in 01 10 00 SUMMARY 1.6.A SCHEDULE
<b>D-2</b>	01 21 00 ALLOWANCES 3.3 SCHEDULE OF ALLOWANCES RENAME ALLOWANCE #2 To ALLOWANCE #1 ADD NEW ALLOWANCE #2: ALLOWANCE No.2: PROVIDE AN ALLOWANCE OF \$65,000.00 TO BE USED TO REPLACE (FURNISH AND INSTALL) DOORS, FRAMES, AND HARDWARE AS DIRECTED.
<b>D-3</b>	ADD NEW SECTION 08 14 23 WOOD DOORS ATTACHED

**E. ATTACHMENTS**

<b>Items</b>	<b>Date</b>
BID FORM	
Specification Section 08 14 23 Wood Doors	Feb. 2018
Drawing A-111 FIRST FLOOR PLAN	
DRAWING A-202 EXISTING BUILDING ELEVATIONS/EXISTING WINDOW DEMOLITION	FEB. 2018
DRAWING A-204 EXISTING BUILDING ELEVATIONS/NEW WINDOW DEMOLITION	FEB. 2018
DRAWING A-205 EXISTING W5 AND REPLACEMENT W5 WINDOW DETAILS	
DRAWING A-401 EXISTING AND NEW WINDOW TYPES	

**END OF ADDENDUM 2**

Marshallton Education Building Window Replacement  
1703 School Lane, Wilmington, DE 19804  
NCC18001

**BID FORM**For Bids Due: TBD pTo: New Castle County Vocational Technical School District

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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:

\$ \_\_\_\_\_  
( \$ )

**ALTERNATES:**

Alternate prices conform to applicable project specification section. Refer to specifications for a complete description of the following Alternates.

**ALTERNATE No. 1 –EXTERIOR COLOR**

AMOUNT WRITTEN IN WORDS: \_\_\_\_\_  
Add / Deduct ( \$ )

**ALTERNATE No. 2 –WINDOW SELECTION**

AMOUNT WRITTEN IN WORDS: \_\_\_\_\_  
Add / Deduct ( \$ )

**ALTERNATE No. 3 –WINDOW AIR CONDITIONER**

AMOUNT WRITTEN IN WORDS: \_\_\_\_\_  
Add / Deduct ( \$ )

Marshallton Education Building Window Replacement  
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NCC18001

**BID FORM**

**ALLOWANCES:**

ALLOWANCE No. 1: PROVIDE AN ALLOWANCE OF \$250,000.00 FOR UNFORSEEN CONDITIONS DISCOVERED DURING REMOVAL OF EXISTING OR INSTALLATION OF NEW WINDOWS

AMOUNT WRITTEN IN WORDS: Two Hundred Fifty Thousand Dollars  
Add (\$ 250,000.00)

ALLOWANCE No.2: PROVIDE AN ALLOWANCE OF \$65,000.00 TO BE USED TO REPLACE (FURNISH AND INSTALL) DOORS, FRAMES, AND HARDWARE AS DIRECTED.

AMOUNT WRITTEN IN WORDS: Sixty Five Thousand Dollars  
Add (\$ 65,000.00)

Marshallton Education Building Window Replacement  
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NCC18001

**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 (60 days for School Districts and Department of Education), 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 maintain phased completion dates identified in the construction documents.

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.

I am / We are an Individual / a Partnership / a Corporation

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 Bond

Consent of Surety

(Others as Required by Project Manuals)

Marshallton Education Building Window Replacement  
1703 School Lane, Wilmington, DE 19804  
NCC18001

# **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.**

<u>Subcontractor Category</u>	<u>Subcontractor Subcontractors tax payer ID or Delaware Business license #</u>	<u>Address (City &amp; State)</u>
1. <u>Painter</u>	<u></u>	<u></u>
2. <u>Window Installer</u>	<u></u>	<u></u>
3. <u>Carpentry</u>	<u></u>	<u></u>
4. <u>Demolition Constractor</u>	<u></u>	<u></u>
5. <u>Caulking</u>	<u></u>	<u></u>
6. <u></u>	<u></u>	<u></u>
7. <u></u>	<u></u>	<u></u>
8. <u></u>	<u></u>	<u></u>
9. <u></u>	<u></u>	<u></u>



Marshallton Education Building Window Replacement  
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NCC18001

**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 **New Castle County Vocational Technical School District (NCCVTSD)**.

All the terms and conditions of Contract # 2015-4 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 08 14 23 – WOOD DOORS

1. GENERAL PROVISIONS

1.1 Section Includes

- A. Aluminum Clad Wood Commercial Door and Frame, complete with hardware, glazing, weather strip, removable grille, simulated divided lite, stationary sidelite, stationary transom, jamb extension, and standard or specified anchors, trim and attachments.

1.2 References

- A. WDMA I.S.4: Industry Standard for Water Repellent Preservative Treatment Millwork
- B. Sealed Insulating Glass Manufacturers Association / Insulating Glass Certification Council (SIGMA/IGCC)
- C. American Architectural Manufacturers Association (AAMA): 2605: Voluntary Specification for High Performance Organic Coatings on Architectural Extrusions and Panels.
- D. American Society for Testing and Materials (ASTM): E330: Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure Difference.

1.3 Submittals

- A. Shop Drawings: Submit shop drawings under provision of Section 01 33 23
- B. Product Data: Submit catalog data under provision of Section 01 33 23

1.4 Delivery

- A. Comply with provisions of Section 01 65 00
- B. Deliver in original and protect from weather

1.5 Storage and Handling

- A. Prime and seal wood surfaces, including to be concealed by wall construction, if more than thirty (30) days will expire between delivery and installation

- B. Store door panels flat on a level surface in a clean and dry storage area above ground to protect from weather under provision of Section 01660
- C. Condition doors to local average humidity before hanging

## 1.6 Warranty

- A. Clear insulating glass with stainless steel spacers is warranted against seal failure caused by manufacturing defects and resulting in visible obstruction through the glass for twenty (20) years from the original date of purchase. Glass is warranted against stress cracks caused by manufacturing defects from (10) years from the original date of purchase.
- B. Standard exterior aluminum cladding finish is warranted against manufacturing defects resulting in chalk, fade and loss of adhesion (peel) per the American Manufacture's Association's (AAMA) Specification 2605-11 Section 8.4 and 8.9 for twenty (20) years from the original date of purchase.
- C. Factory applied interior finish is warranted to be free from the Finish Defects for a period of five (5) years from the original date of purchase.
- D. Hardware and other non-glass components are warranted to be free from manufacturing defects for ten (10) years from the original date of purchase.

## 2. PRODUCTS

### 2.1 Manufactured Units

- A. Description: Factory assembled Aluminum Clad Commercial Door. Manufactured by window manufacturer (section 085200). Basis of Design: Marvin Windows and Doors are used as the basis for Design and Documentation.

### 2.2 Frame Description

- A. Finger-Jointed, edge-glued Pine core with non finger-jointed Pine veneer; finger-jointed, edge-glued White Oak core with non finger-jointed White Oak veneer; finger-jointed, edge-glued Cherry core with non finger-jointed Cherry veneer; finger-jointed, edge-glued Mahogany core with non finger-jointed Mahogany veneer; finger-jointed, edge-glued Vertical Grain Douglas Fir core with non finger-jointed Vertical Grain Douglas Fir veneer, edge-glued Mixed Grain Douglas Fir veneer with non finger-jointed Mixed Grain Douglas Fir
  - 1. Kiln dried to moisture content no greater than twelve (12) percent at the time of fabrication
  - 2. Water repellent, preservative treated in accordance with WDMA I.S.4.

- B. Frame width: 4 9/16" (116mm)
- C. Frame thickness: 1 1/16" (27mm)
- D. Exterior extruded aluminum clad 0.050" (1.3mm) thick
- E. Sill Options:
  - 1. Standard factory installed thermal barrier saddle low profile .500" (13mm) by 7.125" (181mm) sill.

### 2.3 Panel Description

- A. 1 3/4" Doors: Stiles contain laminated veneer lumber (LVL) core with non finger-jointed Pine, White Oak, Cherry, Mahogany, Mixed Grain Douglas Fir. Solid wood top, bottom and intermediate rails.
  - 1. Kiln dried to moisture content no greater than twelve (12) percent at time of fabrication.
  - 2. Water repellant, preservative treated in accordance with WDMA I.S.4.
- B. Composite panel thickness: 1 3/4" (44mm); 2 1/4" (57mm)
- C. Exterior extruded aluminum clad 0.055" (1.4mm) thick
- D. Top rail width: 1 3/4" panel: 6" (152mm) or 2 1/4" panel: 8 1/8" (206mm)
- E. Stile width: 6" (152mm)
- F. Bottom rail height: 11 3/8" (289mm)
- G. Panel corners glued and fastened with 5/8" x 4" (16mm x 102mm) fluted hardwood dowels. Removable interior vinyl glazing stops with non finger-jointed wood covers. 1 3/4" panel: no visible fastener holes; 2 1/4" panel: visible nail fastener on glazing stop.

### 2.4 Glazing

- A. Select quality complying with ASTM C1036. Comply with 16 CFR 1201 Safety Standard for Architectural Glazing Materials. Tempered insulating glass IGMA/IGCC certified to performance level CBA when tested in accordance with ASTM E774.
- B. Glazing Method: Tempered Insulating Glass (Altitude Adjusted)
- C. Glass Type: Clear, Bronze, Gray, Reflective Bronze, Low E2 with Argon

D. Glazing Seal: Silicone bedding, exterior

## 2.5 Finish

A. Exterior: Aluminum clad. Fluoropolymer modified acrylic topcoat applied over primer. Meets AAMA 2605 requirements.

1. Match window finish, including Alternate 1

B. Interior Finish Options:

1. Painted interior Finish. As selected from manufacturer standard range.

## 2.6 Hardware

A. Hinges: 4 ½" x 4 ½" square corner ball bearing hinges.

1. Finish: Stainless Steel (US32D).

B. Locking System:

1. Optional Commercial Hardware Package: closer, rim device, mortise lock, removable mullion and kick plate

## 2.7 Weather Strip

A. Head jamb and hinge jamb: bulb type weather strip.

1. Color: Beige or optional black

B. Locking jamb: Gray pile weather strip

## 2.8 Jamb Extension

A. Factory installed (loose), for wall thickness indicated or required.

B. Finish: Match interior frame wood species and finish.

## 2.9 Accessories and Trim

A. Installation and hardware Accessories:

1. Factory installed vinyl nailing fin/drip cap

2. Installation brackets: 6 3/8" (162mm); 9 3/8" (238mm); 15 3/8" (390mm)

3. Masonry brackets: 6" (152mm); 10" (254mm)

B. Aluminum Extrusions:

1. Profile: Flat Casing; Mullion Cover;
2. Finish: Fluoropolymer modified acrylic topcoat applied over primer. Meets AAMA 2605 requirements. Available in all aluminum clad colors. Contact your Marvin representative for custom colors.

3. EXECUTION

3.1 Examination

- A. Verification of Condition: Before installation, verify openings are plumb, square and of proper dimensions as required in Section 01 71 00. Report frame defects or unsuitable conditions to the General contractor before proceeding.
- B. Acceptance of Condition: Beginning on installation confirms acceptance of existing conditions.

3.2 Installation

- A. Assemble and install window/door unit(s) according to manufacturer's instruction and reviewed shop drawing.
- B. Install sealant and related backing materials at perimeter of unit or assembly in accordance with Section 07 92 00 Joint Sealants. Do not use expansive foam sealant.
- C. Install accessory items as required.
- D. Use finish nails to apply wood trim and mouldings.

3.3 Field Quality Control

- A. Remove visible labels and adhesive residue according to manufacturer's instruction.
- B. Unless otherwise specified, air leakage resistance tests shall be conducted at a uniform static pressure of 75 Pa (~1.57 psf). The maximum allowable rate of air leakage shall not exceed 2.3 L/sm<sup>2</sup> (~0.45 cfm/ft<sup>2</sup>).
- C. Unless otherwise specified, water penetration resistance testing shall be conducted per AAMA 502 and ASTM E1105 at 2/3 of the fenestration products design pressure (DP) rating using "Procedure B" – cyclic static air pressure difference. Water penetration shall be defined in accordance with the test method(s) applied.

**3.4 Cleaning**

- A. Remove visible labels and adhesive residue according to manufacturer's instruction.
- B. Leave windows and glass in a clean condition. Final cleaning as required in Section 01 74 00.

**3.5 Protecting Installed Construction**

- A. Protecting windows from damage by chemicals, solvents, paint or other construction operations that may cause damage.

**End of Section 08 14 23**