



312 Plum Street, Suite 700
Cincinnati, OH 45202
(513) 381-2112

May 27, 2022

ADDENDUM 2

TO THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS FOR:

EARLY CHILDHOOD ESSER

FOR

**Winton Woods City Schools
825 Waycross Road, Suite A,
Cincinnati, OH 45240**

Comm. No. 2021091.01

TO ALL BIDDERS:

This Addendum supplements, amends and takes precedence over the original Drawings and Specifications, and shall be taken into account when preparing proposals, and shall become part of the Contract Documents. Receipt of this Addendum must be entered on the bidder's Bid Form. Bidder is cautioned to read the entire addendum and to check that all pages of the Addendum have been included in the Bidder's copy of the Addendum.

GENERAL ITEMS

ITEM 1 – Bid Date

The bid date is being changed to June 8, 2022 at 1:00pm. Location for bid submission remains the same.

ITEM 2 – Substantial Completion and Final Completion Dates

To accommodate extended lead times, the Substantial Completion Date is being changed to February 17, 2023 and the Final Completion Date is being changed to March 17, 2023. Additional work on this building including, finishes, lighting, flooring, etc. will be bid out later this year. The Contractor for this project will need to coordinate work activities with the selected Contractor for the future scope of work as schedules will now overlap.

ITEM 3 – Liquidated Damages

The liquidated damages given in Section 02114 Supplementary Conditions are being revised to \$500/day for both Substantial Completion and Final Completion. Additionally, as long as product submittals are made and approved within 30 days of the Notice to Proceed being issued, we will extend the Substantial Completion Date if necessary to accommodate unexpectedly long lead times.

ITEM 4 – Pre-Bid Agenda and Sign-In Sheets – FOR REFERENCE ONLY

Attached are the Pre-Bid Agenda and Sign-In Sheets. These are for reference only and do not modify the Contract Documents in any way.

QUESTIONS & ANSWERS

QUESTION 1 *Will there be any noise restrictions?*

- A. No, except around office area which will be occupied during construction. District is willing to be flexible with regards to noise concerns.

QUESTION 2 *Is floor patching necessary?*

- A. No, flooring will occur during a later phase not included in this portion of the project. Floor cutting will be required for new CMU wall as part of 188D Electrical Room.

QUESTION 3 *What areas will be occupied during construction?*

- A. The school office will remain in full operation during construction. The kitchen will also be in use primarily for the freezer and cooler. Deliveries will occur, kitchen staff will be in and out, but the kitchen will not be producing food. Coordination will be necessary for these areas of the building. A full list of occupied spaces is given in the 011000 Summary specification section.

QUESTION 4 *Can contractors return to visit the building before bids are due?*

- A. Yes, by appointment. Please contact Steve Deny. denny.steve@wintonwoods.org. 513.619.2400

QUESTION 5 *Is there additional information available on the VRF system?*

- A. Additional information will be issued in Addendum 3 next week.

SPECIFICATION ITEM

SPEC ITEM 1 – Specification Section 08 35 13.13:

Add Specification Section 08 35 13.13 – Multipanel Folding Aluminum-Framed Glass Doors as attached.

End of Addendum 2 items – See attached.



PRE-BID MEETING AGENDA

PROJECT: Winton Woods Early Childhood ESSER
825 Waycross Road, Cincinnati, OH 45240

DATE: May 24, 2022

1. INTRODUCTIONS AND RESPONSIBILITIES:

A. Winton Woods: Steve Denny
C. SHP: Allison McKenzie, Emma Pevoar

2. SIGN IN SHEET – PLEASE PROVIDE CONTACT INFORMATION

3. BID DATE – Original bid date was June 1, 2022 per the Instructions to Bidders. This will be changing to June 8, 2022 @ 1:00 PM Local Time in the next addendum.

4. Prevailing wage rates DO apply to this project.

5. The General Building Permit has been applied for and will be paid for by the Owner. All other permits – and applicable fees – are the responsibility of the respective contractor(s), in accordance with the Project Manual.

6. SINGLE PRIME PACKAGE: Probable construction cost estimate: \$4,850,000.00 base bid.

7. MILESTONE SCHEDULE

6/8/2022	Bids due 1:00 pm local time
7/1/2022	Notice to Proceed issued
	<i>*if NTP is issued later than this date, all subsequent dates shall be adjusted.</i>
7/5/2022	Start work on site
11/18/2022	Substantial Completion
12/18/2022	Final Completion

8. GENERAL REVIEW OF SCOPE OF WORK

Single prime package; Contractor to complete, HVAC replacement, electrical upgrades and exterior window and door replacement as described in the Contract Documents.

Some abatement has recently been performed in the building, but additional abatement will be necessary during this project. Expected hazardous materials are described in the Summary Specification, Hazardous Materials Report, and Abatement Specification.

A portion of the building will be occupied during construction. These spaces are described in the Summary Specification Section.

10. **WORK HOURS:** Contractor to work during normal daylight hours Monday thru Friday and on Saturdays with Owner approval.

11. **ALTERNATES** (see plans and specifications for full description)

13. **COMMUNICATION:**

All communication (RFI, substitution requests, clarification requests, etc.) must be received in writing, in accordance with the project manual. Questions will not be answered over the phone.

Questions should be e-mailed to: amckenzie@shp.com

14. **QUESTIONS / COMMENTS** (Answers will be confirmed via addendum as deemed necessary)

15. **BUILDING TOUR**

EARLY CHILDHOOD ESSER
 WINTON WOODS CITY SCHOOLS
 2021091.01
PREBID MEETING ATTENDANCE SHEET
 May 24, 2022



name	company name	business phone	cell phone	email
Doug WEBERding	GETLER	573-390-9909		DWEBERding@GETLER.com
Thomas Scagg	Buckeye Construction & Restoration	740-525-6575	" "	tscagg@buckeye.com
David Williams	Meyer	513-616-2490		dwilliams@meyerconstruction.com



PREBID MEETING ATTENDANCE SHEET

May 24, 2022

<i>name</i>	<i>company name</i>	<i>business phone</i>	<i>cell phone</i>	<i>email</i>
Brian Bailey	Graybach		513-801-4822	brian.bailey@graybach.com
K Beauchamp	DSEA Services		513-617-1532	kbeauchamp@dseaservices.com
Jason Hazelwood	EDG		513-614-8916	jhazelwood@edgllc.biz

EARLY CHILDHOOD ESSER
WINTON WOODS CITY SCHOOLS
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name	company name	business phone	cell phone	email
Tom Frank	MARK SPALDING CONST.	859-746- 8403	513-678- 2560	thomast@mark spalding.com
Keith Sullivan	Sun & S Environmental	513-881 0900	513-607 5694	ksullivan@ sun&sigenvi.com

SECTION 083513.13 - MULTIPANEL FOLDING ALUMINUM-FRAMED GLASS DOORS

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Multipanel folding aluminum-framed glass doors.
- B. Related Requirements:
 - 1. Section 084113 "Aluminum-Framed Entrances and Storefronts" for coordinating finish among aluminum fenestration units on the building exterior.
 - 2. Section 085113 "Aluminum Windows" for coordinating finishes among aluminum fenestration units on the building exterior.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for multipanel folding aluminum-framed glass doors.
- B. Shop Drawings:
 - 1. Include plans, elevations, sections, and installation details.
 - 2. Indicate dimensions, configuration of panels, and stacking layout.
- C. Samples for Initial Selection: For doors and hardware with factory-applied color finish.
- D. Samples for Verification: For multipanel folding aluminum-framed glass doors and components required, prepared on Samples of size indicated below:
 - 1. Main Framing Member: 12-inch-long (300-mm-long) section with weather stripping, glazing bead and factory-applied color finish.
 - 2. Hardware: Full-size units with factory-applied finish.
- E. Product Schedule: For multipanel folding aluminum-framed glass doors.

1.3 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer manufacturer and testing agency.
- B. Product Test Reports: For each multipanel folding aluminum-framed glass door, for tests performed by manufacturer and witnessed by a qualified testing agency a qualified testing agency; and for each class and performance grade indicated, tested at AAMA gateway size.
- C. Field quality-control reports.
- D. Sample Warranty: For manufacturer's special warranty.

1.4 CLOSEOUT SUBMITTALS

A. Maintenance Data:

1. For multipanel folding aluminum-framed glass doors to include in maintenance manuals. Include finishes, weather stripping, operable panels, and operating hardware.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A manufacturer capable of fabricating multipanel folding aluminum-framed glass doors that meet or exceed performance requirements indicated and of documenting this performance by inclusion in lists and by labels, test reports, and calculations.
- B. Installer Qualifications: An installer acceptable to multipanel folding aluminum-framed glass door manufacturer for installation of units required for this Project.

1.6 WARRANTY

A. Manufacturer's Special Warranty: Manufacturer agrees to repair or replace multipanel folding aluminum-framed glass doors that fail(s) in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:
 - a. Failure to meet performance requirements.
 - b. Structural failures, including excess deflection.
 - c. Excessive water leakage or air infiltration.
 - d. Faulty operation of movable panels and hardware.
 - e. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - f. Failure of insulating glass.
2. Warranty Period:
 - a. Multipanel Folding Aluminum-Framed Glass Doors: Ten year(s) from date of Substantial Completion.
 - b. Insulating-Glass Units: 10 years from date of Substantial Completion.
 - c. Aluminum Finish: 10 years from date of Substantial Completion.

B. Special Finish Warranty, Factory-Applied Finishes: Standard form in which manufacturer agrees to repair finishes or replace aluminum that shows evidence of deterioration of factory-applied finishes within specified warranty period.

1. Deterioration includes, but is not limited to, the following:
 - a. Color fading more than 5 Delta E units when tested in accordance with ASTM D2244.
 - b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D4214.
 - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
2. Warranty Period: 10 years from date of Substantial Completion.

C. Special Finish Warranty, Anodized Finishes: Standard form in which manufacturer agrees to repair finishes or replace aluminum that shows evidence of deterioration of anodized finishes within specified warranty period.

1. Deterioration includes, but is not limited to, the following:
 - a. Color fading more than 5 Delta E units when tested in accordance with ASTM D2244.

- b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D4214.
 - c. Cracking, peeling, or chipping.
2. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Subject to compliance with performance requirements, provide one of the following products:
1. NANA WALL SYSTEMS, INC., NanaWall SL60 (Basis-of-design)
 2. Solar Innovations, Equivalent system

2.2 PERFORMANCE REQUIREMENTS

- A. Product Standard: Comply with AAMA/WDMA/CSA 101/I.S.2/A440 for minimum standards of performance, materials, components, accessories, and fabrication unless more stringent requirements are indicated.
- B. Performance Class and Grade: AAMA/WDMA/CSA 101/I.S.2/A440 as follows:
1. Minimum Performance Class: Class CW.
 2. Minimum Performance Grade: Grade 30.
- C. Thermal Transmittance: NFRC 100 maximum total fenestration product U-factor of 0.30 Btu/sq. ft. x h x deg F (1.71 W/sq. m x K).
- D. Solar Heat-Gain Coefficient (SHGC): NFRC 200 maximum total fenestration product SHGC of 0.40.
- E. Condensation-Resistance Factor (CRF): Provide multipanel folding aluminum-framed glass doors tested for thermal performance in accordance with AAMA 1503, showing a CRF of 52.
- F. Thermal Movements: Provide multipanel folding aluminum-framed glass doors, including anchorage, that allow for thermal movements resulting from the following maximum change (range) in ambient and surface temperatures by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base engineering calculation on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
1. Temperature Change (Range): 120 deg F (67 deg C), ambient; 180 deg F (100 deg C), material surfaces.
- G. Sound Transmission Class (STC): Rated for not less than 32 STC when tested for laboratory sound transmission loss in accordance with ASTM E90 and determined by ASTM E413.

2.3 MULTIPANEL FOLDING ALUMINUM-FRAMED GLASS DOORS

- A. Multipanel Folding Aluminum-Framed Glass Doors: Provide extruded-aluminum-framed multipanel folding glass doors, complete with glazing, threshold, flashings, support, and anchorage devices.
1. Application: Exterior, inward opening.
 2. Stack Storage Configuration: Panels open from center to both sides.
- B. Frames and Door Panels: Fabricated from aluminum extrusions complying with AAMA/WDMA/CSA 101/I.S.2/A440. Provide factory-assembled door panels that are reglazable without dismantling panel framing, and factory-assembled frames.

1. Thermally Improved Construction: Fabricate frames and door panels with an integral, concealed, low-conductance thermal barrier located between exterior and interior surfaces in a manner that eliminates direct metal-to-metal contact.
2. Door Panel Design: Medium stile design, with 10-inch (254-mm) nominal height bottom rail.

2.4 GLAZING

- A. Glass and Glazing: Manufacturer's standard glazing system that produces weathertight seal. Comply with requirements indicated in Section 088000 "Glazing".

2.5 HARDWARE

- A. Provide manufacturer's standard hardware, fabricated from a corrosion-resistant material compatible with door panels and other components, and complying with AAMA 907. Provide hardware designed to smoothly operate, tightly close, and securely lock multipanel folding aluminum-framed glass doors. Size hardware to accommodate panel weights and dimensions. Provide full-perimeter weatherstripping for each door panel.
- B. Panel Support System: Provide panel support system designed for size, weight, and performance requirements of multipanel folding aluminum-framed glass doors indicated. Provide carriers with sealed ball bearings.
 1. Bottom Supported: Provide carrier system designed to roll on track within threshold, with overhead wheeled guide that engages upper track.
 2. Adjustment: Provide panel support system capable of being adjusted for smooth operation and clearances without needing to remove panels from tracks.
 3. Threshold Configuration: Extruded-aluminum, thermally broken, threshold with low profile, compliant with United States Access Board's "Americans with Disabilities Act (ADA) and Architectural Barriers Act (ABA) Accessibility Guidelines".
 - a. Aluminum Finish: Clear anodized.
- C. Panel Hinges: Stainless steel, multileaf hinge with painted finish to match exterior. Provide integral hangers and guides for hinges that engage panel support system.
- D. Locking System:
 1. Primary Entrance Panel: Provide manufacturer's standard keyed multipoint locking device, with lever handles on the interior and exterior that operate dead bolt and concealed top and bottom rods.
 - a. Finish: As selected from manufacturer's full range of finishes.
 2. Cylinders: As specified in Section 087100 "Door Hardware."

2.6 ACCESSORIES

- A. Trim: Provide interior and exterior casings, jamb extensions, and other components in material and finish to match door frames.
- B. Fasteners: Noncorrosive and compatible with door members, trim, hardware, anchors, and other components.
 1. Exposed Fasteners: Do not use exposed fasteners to the greatest extent possible. For application of hardware, use fasteners that match finish hardware being fastened.

- C. Anchors, Clips, and Accessories: Provide anchors, clips, and accessories of aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron for multipanel folding aluminum-framed glass doors, complying with ASTM B456 or ASTM B633 for SC 3 severe service conditions; provide sufficient strength to withstand design pressure indicated.
 - 1. Windborne-Debris Resistance: Provide anchors of same design used in windborne-debris resistance testing.

2.7 FABRICATION

- A. Complete fabrication, assembly, finishing, hardware application, and other work in the factory to greatest extent possible. Disassemble components only as necessary for shipment and installation.
- B. Factory-Glazed Fabrication: Glaze sliding aluminum-framed glass doors in the factory.

2.8 GENERAL FINISH REQUIREMENTS

- A. Appearance of Finished Work: Noticeable variations in same piece are unacceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.9 ALUMINUM FINISHES

- A. High-Performance Organic Finish, Two-Coat PVDF: Fluoropolymer finish complying with AAMA 2605 and containing not less than 70 percent PVDF resin by weight in color coat.
 - 1. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
 - 2. Color and Gloss: Custom color to match to match aluminum windows and storefront.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of Work.
- B. Verify rough opening dimensions, levelness of threshold substrate, and operational clearances.
- C. Examine wall flashings, vapor retarders, water and weather barriers, and other built-in components to ensure a coordinated, weathertight hinged-door installation.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Comply with Drawings, Shop Drawings, and manufacturer's written instructions for installing multipanel folding aluminum-framed glass doors, hardware, accessories, and other components.
- B. Install multipanel folding aluminum-framed glass doors level, plumb, square, true to line; without distortion, warp, or rack of frames and panels, and without impeding thermal movement; anchored securely in place

to structural support; and in proper relation to wall flashing, vapor retarders, air barriers, water/weather barriers, and other adjacent construction.

- C. Set threshold members in bed of sealant or with gaskets, as indicated, to provide weathertight construction.
- D. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.

3.3 FIELD QUALITY CONTROL

- A. Testing Services: Test and inspect installed multipanel folding aluminum-framed glass doors as follows:
 - 1. Testing Methodology: Test multipanel folding aluminum-framed glass doors for air infiltration and water resistance in accordance with AAMA 502.
 - 2. Air-Infiltration Testing:
 - a. Test Pressure: That required to determine compliance with AAMA/WDMA/CSA 101/I.S.2/A440 performance class indicated.
 - b. Allowable Air-Leakage Rate: 1.5 times the applicable AAMA/WDMA/CSA 101/I.S.2/A440 rate for product type and performance class rounded down to one decimal place.
 - 3. Water-Resistance Testing:
 - a. Test Pressure: Two-thirds times test pressure required to determine compliance with AAMA/WDMA/CSA 101/I.S.2/A440 performance grade indicated.
 - b. Allowable Water Infiltration: No water penetration.
 - 4. Testing Extent: Three multipanel folding aluminum-framed glass doors of each type as selected by Architect and a qualified independent testing and inspecting agency. Conduct tests after perimeter sealants have cured.
 - 5. Test Reports: Prepared in accordance with AAMA 502.
- B. Multipanel folding aluminum-framed glass door will be considered defective if it does not pass tests and inspections.

3.4 ADJUSTING

- A. Adjust hardware for proper alignment, smooth operation, and proper latching without unnecessary force or excessive clearance.
- B. Adjust hardware and operable panels to function smoothly, and lubricate as recommended by manufacturer.

3.5 CLEANING

- A. Clean exposed surfaces immediately after installation. Avoid damaging protective coatings and finishes. Remove nonpermanent labels, excess sealants, glazing materials, dirt, and other substances.
- B. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

3.6 PROTECTION

- A. Protect multipanel folding aluminum-framed glass door surfaces from contact with contaminating substances resulting from construction operations. Remove contaminants immediately according to manufacturer's written instructions.
- B. Refinish or replace folding aluminum-framed glass doors with damaged finishes.

END OF SECTION 083513.13