

DESCRIPTION: MIDLAND PARK PRIMARY SCHOOL – CLASSROOM MODIFICATIONS & PAINTING

Offeror is to submit a signed copy of this Addendum # 2 form with BID

NAME OF OFFEROR <small>(Full legal name of business submitting the offer)</small>		
AUTHORIZED SIGNATURE <small>(Person signing must be authorized to submit binding offer to enter contract on behalf of Offeror named above.)</small>		
TITLE <small>(Business title of person signing above)</small>		
PRINTED NAME <small>(Printed name of person signing above)</small>	DATE SIGNED	

ACKNOWLEDGMENT OF AMENDMENTS	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date
Offerors acknowledges receipt of amendments by indicating amendment number and its date of issue. See "Amendments to Solicitation" Provision								
DISCOUNT FOR PROMPT PAYMENT See "Discount for Prompt Payment" clause	10 Calendar Days (%)		20 Calendar Days (%)		30 Calendar Days (%)		____ Calendar Days (%)	

SEE NEXT PAGE

AMENDMENTS TO SOLICITATION (a) The Solicitation may be amended at any time prior to opening. (b) Offerors shall acknowledge receipt of any amendment to this solicitation (1) by signing and returning the amendment, (2) by identifying the amendment number and date in the space provided for this purpose on Page Two, (3) by letter, or (4) by submitting a bid that indicates in some way that the bidder received the amendment. (c) If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

Solicitation has been amended as follows:

FOR

MURRAY LASAINE ELEMENTARY SCHOOL – CLASSROOM MODIFICATIONS

PREPARED BY:

**CUMMING CONSTRUCTION MANAGEMENT, INC.
3820 FABER PLACE DRIVE, SUITE 600
N. CHARLESTON, SOUTH CAROLINA 29405**

AND

**JOHN CICCARELLI ARCHITECT, LLC
337 MOLASSES LANE
MT. PLEASANT, SC 29464**

This addendum consists of the following attachments:

ITEM	No. of Pages
1. ADD Specification Section 08 41 13	2

CLARIFICATION: **To provide additional information for Aluminum-Framed Storefronts for Details A3 & A4 as shown on Drawing A101.**

ITEM 2.1 SPECIFICATION SECTION 000100 TABLE OF CONTENTS: Add Section 084113 Aluminum-Framed Storefronts to the Table of Contents.

ITEM 2.2 SEPCIFICATION SECTION 084113 ALUMINUM-FRAMED STOREFRONTS: Add Specification Section 084113 Aluminum-Framed Storefronts to the Project Manual. NOTE: Refer to Drawing A101, Detail Section A3 Storefront Elevation & A4 Detail Section @ Storefront Head.

END OF ADDENDUM No. 2

SECTION 08 41 13 - ALUMINUM-FRAMED STOREFRONTS

PART 1 - GENERAL

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Interior aluminum-framed storefronts.

1.3 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified professional engineer to design aluminum-framed entrances and storefronts.
- B. General: Provide aluminum-framed systems, including anchorage, capable of withstanding, without failure, the effects of the following:
 - 1. Structural loads.
 - 2. Thermal movements.
 - 3. Movements of supporting structure.

1.4 SUBMITTALS

- A. Storefront Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of product indicated.
- B. Glazing Product Data: Tempered glass
- C. Shop Drawings: For aluminum-framed systems. Include plans, elevations, sections, details, and attachments to other work.
- D. Warranties: Special warranties specified in this Section.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: Capable of assuming engineering responsibility and performing work of this Section and who is acceptable to manufacturer.

1.6 PROJECT CONDITIONS

- A. Field Measurements: Verify actual locations of structural supports for aluminum framed systems by field measurements before fabrication and indicate measurements on Shop Drawings.

1.7 WARRANTY

- A. Special Warranties: Manufacturer and Installer agree to repair or replace components of aluminum-framed storefronts that do not comply with requirements or that fail in materials or workmanship within specified warranty period.
- B. Warranty Period: One year from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Products: Subject to compliance with requirements, provide the following product by YKK AP America Inc. or comparable product by Architect approved manufacturer:
 - 1. Interior Storefront and Doors: YES 45 FI Storefront

2.2 MATERIALS

- A. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.
 - 1. Sheet and Plate: ASTM B 209.
 - 2. Extruded Bars, Rods, Profiles, and Tubes: ASTM B 221.
 - 3. Structural Profiles: ASTM B 308/B 308M.

2.3 FRAMING SYSTEMS

- A. Framing Members: Manufacturer's standard extruded-aluminum framing members of thickness required and reinforced as required to support imposed loads.
 - 1. Construction: Framing members are composite assemblies of two separate extruded-aluminum components permanently bonded by an elastomeric material of low thermal conductance.
- C. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with nonstaining, nonferrous shims for aligning system components.

- D. Fasteners and Accessories: Manufacturer's standard corrosion-resistant, nonstaining, nonbleeding fasteners and accessories compatible with adjacent materials.
 - 1. Where fasteners are subject to loosening or turning out from thermal and structural movements, wind loads, or vibration, use self-locking devices.
 - 2. Reinforce members as required to receive fastener threads.

2.4 GLAZING SYSTEMS

- A. Glazing: Fully Tempered Float Glass: ASTM C 1048, Kind FT (fully tempered), Condition A (uncoated) unless otherwise indicated, Type I, Class 1 (clear) or Class 2 (tinted) as indicated, Quality-Q3.
 - 1. Fabrication Process: By horizontal (roller-hearth) process with roll-wave distortion parallel to bottom edge of glass as installed unless otherwise indicated. Single p
- B. MONOLITHIC GLASS SCHEDULE
 - 1. Glass Type: Clear fully tempered float glass.
Minimum Thickness: 6 mm.
Safety glazing required.
- C. Glazing Gaskets: Manufacturer's standard compression types, replaceable, molded or extruded.
- C. Glazing Sealants: Dry and wet seals, as required by manufacturer for project conditions.

2.7 FABRICATION

- A. Form aluminum shapes before finishing.
- B. Framing Members, General: Fabricate components that, when assembled, have the following characteristics:
 - 1. Profiles that are sharp, straight, and free of defects or deformations.
 - 2. Accurately fitted joints with ends coped or mitered.
 - 3. Provisions for field replacement of glazing from exterior.
 - 4. Fasteners, anchors, and connection devices that are concealed from view to greatest extent possible.
- C. Mechanically Glazed Framing Members: Fabricate for flush glazing (without projecting stops).
- D. Storefront Framing: Fabricate components for assembly using shear-block system or screw-spline system.

2.8 ALUMINUM FINISHES

- A. Interior Storefront and Doors: Clear anodic finish; AAMA 612, AA-M12C22A31, Class II, 0.010 mm or thicker.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
 - 1. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. General:
 - 1. Comply with manufacturer's written instructions.
 - 2. Do not install damaged components.
 - 3. Fit joints to produce hairline joints free of burrs and distortion.
 - 4. Rigidly secure nonmovement joints.
 - 5. Install anchors with separators and isolators to prevent metal corrosion and electrolytic deterioration.