

BID Addendum No. One (1)

PROJECT: Iona Preparatory School
Addition and Alterations to the
Pail Verni Fine Arts Center
255 Wilmot Road
New Rochelle, NY 10804

ADDENDUM NO. One (1)
Initiation Date: June 9, 2021

TO ALL BIDDERS:

You are directed to make the following changes in this Contract:

A. General

1. This is an open shop construction project.
2. Iona Preparatory School is a tax-exempt organization.
3. All building department fees are to be paid by Owner.
4. All special inspections are to be paid by Owner.
5. The General Contractor shall include site surveying services in their base bid.

B. Architectural

1. Specification Section 08 41 14 Aluminum Entrance and Storefront – Revise per the following:
 - a. Section 1.7B(1) – Warranty shall be 10 years from date of Substantial Completion.
 - b. Section 2.8B(1a) – Aluminum Finishes color shall be selected from manufacturers standard colors.
2. Specification Section 08 12 13 Steel Doors and Frames shall be added to the project.
3. Sheet A-350 & A-351 – There is no hung slat ceiling assembly for the second floor lobby as shown in the wall sections. Refer to the reflected ceiling plan and finish schedule for ceiling information.
4. Sheet A-401 – The acoustical wall panels shown in the theater will be furnished and installed by others.
5. Sheet A-900 – Eliminate door #156 from the door schedule.
6. Sheet A-902 – All storefront entrance doors shall be Kawneer 500 Standard Entrance, not aluminum insulated storefront entrance as noted on details 1 & 2.
7. Sheet A-950 – Revised with the following:
 - a. Remove TZ (terrazzo stair treads) and TZT (terrazzo tile) from finish schedule. Refer to stair details on A-500 through A-502 for stair tread material and finishes.
 - b. Ceiling panel information updated.

C. Structural

1. The steel supplier/contractor to include twelve (12) 4” diameter unreinforced holes in beam webs for sprinkler lines as part of the base contract work.

D. Mechanical

1. The school does not have a building management system (BMS) system.

E. Plumbing

No change.

F. Sprinkler

No change.

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G. Electrical

1. See revised sheet E-101 for updated lighting fixture schedule.
2. Note the (2) type 'M' fixtures shown on the north and south side of the connector between the existing Verni Center building and the addition shall be changed to type 'T2' fixtures, centered over the double doors. See revised sheets E-101 and E-301.
3. See revised sheet E-501 for clarification on termination of service at Parent's Hall and wire size of 600kcm on customer pole.

H. Fire Alarm

1. The school's fire alarm vendor is Open Systems Metro per note 12 on FA-501.

Attachments:

- Specification Section 08 12 13 Steel Doors and Frames
- Revised sheet A-950: Finishes updated.
- Revised sheet E-101: Lighting Fixture Schedule updated.
- Revised sheet E-105: Site lighting plan updated.
- Revised sheet E-301: Exterior lighting plan updated.
- Revised sheet E-501: Clarification

End of Addendum No. 1

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SECTION 08 12 13
STEEL DOORS AND FRAMES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the 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. Steel doors and frames.
- B. Related Sections: The following Sections contain requirements that relate to this Section:
 - 1. Division 4 Section "Unit Masonry" for building anchors into and grouting frames in masonry construction.
 - 2. Division 6 Section "Rough Carpentry" for carpentry for wood framing and blocking.
 - 3. Division 9 Section "Gypsum Board Assemblies" for spot grouting frames in gypsum board partitions.
 - 4. Division 9 Section "Painting" for field painting primed frames.

1.3 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product Data for each type of door frame specified, including details of construction, materials, dimensions, hardware preparation, core, label compliance, sound ratings, profiles, and finishes.
- C. Shop Drawings showing fabrication and installation of steel door frames. Include details of each frame type, elevations of door design types, conditions at openings, details of construction, location and installation requirements of door frame hardware and reinforcements, and details of joints and connections. Show anchorage and accessory items.

D. Door Schedule: Submit schedule of doors and frames using same reference numbers for details and openings as those on Contract Drawings.

1. Indicate coordination of glazing frames and stops with glass and glazing requirements.

1.4 QUALITY ASSURANCE

A. Provide doors and frames complying with ANSI/SDI 100 "Recommended Specifications for Standard Steel Doors and Frames" and as specified.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver doors and frames cardboard-wrapped or crated to provide protection during transit and job storage. Provide additional protection to prevent damage to finish of factory-finished doors and frames.

B. Inspect doors and frames on delivery for damage. Minor damages may be repaired provided refinished items match new work and are acceptable to Architect; otherwise, remove and replace damaged items as directed.

C. Store doors and frames at building site under cover. Place units on minimum 4-inch-high wood blocking. Avoid using nonvented plastic or canvas shelters that could create a humidity chamber. If cardboard wrappers on doors become wet, remove cartons immediately. Provide minimum 1/4-inch spaces between stacked doors to promote air circulation.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated in the Work include, but are not limited to, the following:

1. Steel Doors and Frames:

- a. Pioneer Industries.
- b. Ceco Door Products.
- c. Republic Builders Products.
- d. Steelcraft.

2.2 MATERIALS

- A. Hot-Rolled Steel Sheets and Strip: Commercial-quality carbon steel, pickled and oiled, complying with ASTM A 569.
- B. Cold-Rolled Steel Sheets: Carbon steel complying with ASTM A 366, commercial quality, or ASTM A 620, drawing quality, special killed.
- C. Galvanized Steel Sheets: Zinc-coated carbon steel complying with ASTM A 526, commercial quality, or ASTM A 642, drawing quality, hot-dip galvanized according to ASTM A 525, with A 60 or G 60 coating designation, mill phosphatized.
- D. Supports and Anchors: Fabricated from not less than 0.0478-inch- thick steel sheet; 0.0516-inch- thick galvanized steel where used with galvanized steel frames.
- E. Inserts, Bolts, and Fasteners: Manufacturer's standard units. Where items are to be built into exterior walls, hot-dip galvanize complying with ASTM A 153, Class C or D as applicable.
- F. DOORS
- G. Steel Doors: Provide 1-3/4-inch- thick doors of materials and ANSI/SDI 100 grades and models specified below, or as indicated on Drawings or schedules:
 - 1. Interior Doors: Provide doors complying with requirements indicated below by referencing ANSI 250.8 for level and model and ANSI A250.4 for physical-endurance level:
 - a. Level 2 and Physical Performance Level B (Extra Heavy Duty), Model 2 (Seamless).

2.3 FRAMES

- A. General: Provide steel frames for doors, transoms and other openings that comply with ANSI A250.8 and with details indicated for type and profile. Conceal fastenings, unless otherwise indicated.
- B. Interior Frames: Fabricated from cold-rolled steel sheet, unless otherwise indicated to comply with exterior frame requirements.
 - 1. Fabricate frames with mitered or coped and welded face corners and seamless face joints.
 - 2. Frames of 0.053-inch-thick steel sheet for:
 - a. Level 2 steel doors.
- C. Door Silencers: Except on weatherstripped frames, drill stops to receive 3 silencers on strike jambs of single-door frames and 2 silencers on heads of double-door frames.

- D. Plaster Guards: Provide minimum 0.0179-inch- thick steel plaster guards or mortar boxes at back of hardware cutouts where mortar or other materials might obstruct hardware operation and to close off interior of openings.
- E. Grout: When required in masonry construction, as specified in Division 4 Section "Unit Masonry."

2.4 FABRICATION

- A. Fabricate steel door frame units to be rigid, neat in appearance, and free from defects, warp, or buckle. Where practical, fit and assemble units in manufacturer's plant. Clearly identify work that cannot be permanently factory assembled before shipment, to assure proper assembly at Project site. Comply with ANSI/SDI 100 requirements.
- B. Interior Door Frames: Fabricate exposed faces of doors frames from the following material:
 - 1. Cold-rolled steel sheet.
 - 2. Where indicated, fabricate doors and frames from galvanized steel sheet.
- C. Clearances: Not more than 1/8 inch at jambs and heads, except not more than 1/4 inch between non-fire-rated pairs of doors. Not more than 3/4 inch at bottom.
 - 1. Fire Doors: Provide clearances according to NFPA 80.
- D. Tolerances: Comply with SDI 117 "Manufacturing Tolerances Standard Steel Doors and Frames."
- E. Hardware Preparation: Prepare door frames to receive mortised and concealed hardware according to final door hardware schedule and templates provided by hardware supplier. Comply with applicable requirements of SDI 107 and ANSI A115 Series specifications for door and frame preparation for hardware.
 - 1. For concealed overhead door closers, provide space, cutouts, reinforcing, and provisions for fastening in top rail of head of frames, as applicable.
- F. Frame Construction: Fabricate frames to shape shown.
 - 1. Fabricate frames with mitered or coped and continuously welded corners and seamless face joints.
- G. Reinforce frames to receive surface-applied hardware. Drilling and tapping for surface-applied hardware may be done at Project site.
- H. Locate hardware as indicated on Shop Drawings or, if not indicated, according to the Door and Hardware Institute's (DHI) "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."

2.5 FINISHES, GENERAL

- A. Comply with NAAMM's "Metal Finishes Manual" for recommendations relative to applying and designating finishes.
- B. Comply with SSPC-PA 1, "Paint Application Specification No. 1," for steel sheet finishes.
- C. Except for frames noted to have a galvanized finish, apply primers to frames after fabrication.

2.6 STEEL SHEET FINISHES

- A. Surface Preparation: Solvent-clean surfaces to comply with SSPC-SP 1 to remove dirt, oil, grease, and other contaminants that could impair paint bond. Remove mill scale and rust, if present, from uncoated steel to comply with SSPC-SP 5 (White Metal Blast Cleaning) or SSPC-SP 8 (Pickling).
- B. Pretreatment: Immediately after surface preparation, apply a conversion coating of type suited to organic coating applied over it.
- C. Factory Priming for Field-Painted Finish: Apply shop primer that complies with ANSI A224.1 acceptance criteria, is compatible with finish paint systems indicated, and has capability to provide a sound foundation for field-applied topcoats. Apply primer immediately after surface preparation and pretreatment.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Install steel frames, and accessories according to Shop Drawings, manufacturer's data, and as specified.
- B. Placing Frames: Comply with provisions of SDI 105, unless otherwise indicated. Set frames accurately in position, plumbed, aligned, and braced securely until permanent anchors are set. After wall construction is completed, remove temporary braces and spreaders, leaving surfaces smooth and undamaged.
 - 1. Except for frames located in existing concrete, masonry, or gypsum board assembly construction, place frames before constructing enclosing walls and ceilings.
 - 2. In masonry construction, install at least 3 wall anchors per jamb adjacent to hinge location on hinge jamb and at corresponding heights on strike jamb. Acceptable anchors include masonry wire anchors and masonry T-shaped anchors.

3. At existing concrete or masonry construction, install at least 3 completed opening anchors per jamb adjacent to hinge location on hinge jamb and at corresponding heights on strike jamb. Set frames and secure to adjacent construction with bolts and masonry anchorage devices.
4. In metal-stud partitions, install at least 3 wall anchors per jamb at hinge and strike levels. In steel-stud partitions, attach wall anchors to studs with screws.
5. Install fire-rated frames according to NFPA 80.

3.2 ADJUSTING AND CLEANING

- A. Prime Coat Touchup: Immediately after erection, sand smooth any rusted or damaged areas of prime coat and apply touchup of compatible air-drying primer.
- B. Protection Removal: Immediately before final inspection, remove protective wrappings from doors and frames.

END OF SECTION 08 12 13