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Addendum

Solicitation Name	Renovations at Cagle Terrace C20017	Addendum Number	1	Date	05/29/2020
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This addendum has two parts.

Part One answers questions raised about this solicitation. To aid in readability, the questions are in black, the answers are in **bolded blue**, and the answers follow immediately below the question. Part Two addresses modifications to the Bid Package Set of Drawings, dated May 06, 2020.

Part One: Questions Raised and Answered:

Q1	Will you be using submeters on the Cagle Terrace bid?
	No.
Q2	On the demolition drawings, note #10 indicates that there is asbestos in the ceiling tile to be removed. Has an environmental assessment been performed and can we have access to that asbestos report? Also, is there additional abatement to be performed on these apartments?
	KCDC has posted a report from McCall and Spero that addresses this question. The bids that KCDC receives from General Contractors will include this service so you will need to "bid" to General Contractors.
Q3	In looking over the specs for Cagle Terrace, I couldn't find any specs for the HOLLOW-CORE DOORS & FRAMES. Can you tell me m where to find them please.
	Please see attached revised door schedule. No hollow core doors are in the scope.
Q4	Please discuss retainage.
	This project, due to its federal funding source, will require 10% retainage.
Q5	DRAWING [TH7.A1.1]: DOOR SCHEDULE DOOR [B7.3A] WHAT DOOR TYPE? WHAT MATERIAL? WHAT FRAME TYPE? WHAT FRAME MATERIAL? WHAT HW SET? DOOR [B7.3B] WHAT HW SET? DOOR [B7.8] WHAT HW WIDTH? DOOR [B7.9] SEE ONE IN SCHEDULE BUT DON'T SEE ONE ON DRAWING
	KCDC is unable to answer this question due to incorrect drawing and door references in the question. Please resubmit the question with proper sheet numbers and door numbers that correspond to the bid documents.
Q6	DRAWING [TH7.A1.2]: BUILDING #-7 SECOND & THIRD FLOORS, a. I can't find any ENTRANCE DOORS? Should there not be some? Or am I just missing them? b. Need to know, What ELEVATION are they? What MARK & MATERIAL are they? What HW do they require?



	KCDC is unable to answer this question due to incorrect drawing and door references in the question. Please resubmit the question with proper sheet numbers and door numbers that correspond to the bid documents.
Q7	HW: On HARDWARE LEGEND you have not listed a PASSAGE SET, there are some HINGED SINGLE DOORS for CLOSETS, as you have not called for any PASSAGE SETS, which HW KEY do we use?
	Door hardware sets #2 and #9 call for passage hardware. Please list specific doors by their door number if there are further questions.

Part Two Modifications to the Bid Package Set of Drawings, dated May 06, 2020.

This section of the addendum addresses modifications to the Bid Package.

SECTION 08 11 13

HOLLOW METAL DOORS AND FRAMES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Fire-rated hollow metal doors and frames.

1.02 RELATED REQUIREMENTS

- A. Section 08 71 00 - Door Hardware.

1.03 REFERENCE STANDARDS

- A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- B. ANSI/SDI A250.4 - Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors, Frames and Frame Anchors; 2011.
- C. ANSI/SDI A250.8 - Specifications for Standard Steel Doors and Frames (SDI-100); 2017.
- D. ANSI/SDI A250.10 - Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames; 2011.
- E. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2019a.
- F. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable; 2018.
- G. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2018a.
- H. ASTM C143/C143M - Standard Test Method for Slump of Hydraulic-Cement Concrete; 2015a.
- I. ASTM C476 - Standard Specification for Grout for Masonry; 2019.
- J. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.
- K. ITS (DIR) - Directory of Listed Products; current edition.
- L. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2019.

- M. NFPA 105 - Standard for Smoke Door Assemblies and Other Opening Protectives; 2019.
- N. NFPA 252 - Standard Methods of Fire Tests of Door Assemblies; 2017.
- O. UL (DIR) - Online Certifications Directory; Current Edition.
- P. UL 10C - Standard for Positive Pressure Fire Tests of Door Assemblies; Current Edition, Including All Revisions.
- Q. UL 1784 - Standard for Air Leakage Tests of Door Assemblies; Current Edition, Including All Revisions.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Materials and details of design and construction, hardware locations, reinforcement type and locations, anchorage and fastening methods, and finishes; and one copy of referenced standards/guidelines.
- C. Shop Drawings: Details of each opening, showing elevations, glazing, frame profiles, and any indicated finish requirements.
- D. Manufacturer's Qualification Statement.
- E. Installer's Qualification Statement.

1.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Store in accordance with applicable requirements and in compliance with standards and/or custom guidelines as indicated.
- B. Protect with resilient packaging; avoid humidity build-up under coverings; prevent corrosion.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Hollow Metal Doors and Frames:
 - 1. Steelcraft, an Allegion brand; 'L' Series Doors and 'F' Series Frames: www.allegion.com/#sle.
 - 2. Substitutions: See Section 01 60 00 - Product Requirements.

2.01 PERFORMANCE REQUIREMENTS

- A. Refer to Door and Frame Schedule on the drawings for frame sizes, fire ratings, sound ratings, finishing, door hardware to be installed, and other variations, if any.
- B. Door Frame Type: Provide hollow metal door frames with integral casings.
- C. Steel Sheet: Comply with one or more of the following requirements; galvanized steel complying with ASTM A653/A653M, cold-rolled steel complying with ASTM A1008/A1008M, or hot-rolled pickled and oiled (HRPO) steel complying with ASTM A1011/A1011M, commercial steel (CS) Type B, for each.

- D. Accessibility: Comply with ICC A117.1 and ADA Standards.
- E. Combined Requirements: If a particular door and frame unit is indicated to comply with more than one type of requirement, comply with the specified requirements for each type; for instance, an exterior door that is also indicated as being sound-rated must comply with the requirements specified for exterior doors and for sound-rated doors; where two requirements conflict, comply with the most stringent.
- F. Hardware Preparations, Selections and Locations: Comply with BHMA A156.115, NAAMM HMMA 830, NAAMM HMMA 831 or ANSI/SDI A250.8 (SDI-100) in accordance with specified requirements.

2.02 HOLLOW METAL DOORS

- A. Door Finish: Factory primed and field finished.
- B. Fire-Rated Doors:
 - 1. Based on SDI Standards: ANSI/SDI A250.8 (SDI-100).
 - a. Level 1 - Standard-duty.
 - b. Physical Performance Level C, 250,000 cycles; in accordance with ANSI/SDI A250.4.
 - c. Model 1 - Full Flush.
 - d. Door Face Metal Thickness: 20 gage, 0.032 inch, minimum.
 - 2. Fire Rating: As indicated on Door Schedule, tested in accordance with UL 10C and NFPA 252 ("positive pressure fire tests").
 - 3. Temperature-Rise Rating (TRR) Across Door Thickness: In accordance with local building code and authorities having jurisdiction.
 - 4. Provide units listed and labeled by UL (DIR) or ITS (DIR).
 - a. Attach fire rating label to each fire rated unit.
 - 5. Smoke and Draft Control Doors (Indicated with letter "S" on Drawings and/or Door Schedule): Self-closing or automatic closing doors in accordance with NFPA 80 and NFPA 105, with fire-resistance-rated wall construction rated the same or greater than the fire-rated doors, and the following:
 - a. Maximum Air Leakage: 3.0 cfm/sq ft of door opening at 0.10 inch w.g. pressure, when tested in accordance with UL 1784 at both ambient and elevated temperatures.
 - b. Gasketing: Provide gasketing or edge sealing as necessary to achieve leakage limit.
 - c. Label: Include the "S" label on fire-rating label of door.
 - 6. Door Thickness: 1-3/4 inches, nominal.

2.03 HOLLOW METAL FRAMES

- A. Fire-Rated Door Frames: Knock-down type.

1. Based on NAAMM HMMA Custom Guidelines: Comply with NAAMM HMMA 850 requirements for fire-rated frames.
 - a. Comply with guidelines of NAAMM HMMA 861 for Commercial Hollow Metal Doors and Frames.
 - b. Performance Level 1 - Light Duty, in accordance with NAAMM HMMA 805.
 - c. Physical Performance Level C, 250,000 cycles; in accordance with ANSI/SDI A250.4.
 - d. Frame Metal Thickness: 16 gage, 0.053 inch (1.3 mm), minimum.
 2. Fire Rating: As indicated on Door and Frame Schedule, tested in accordance with UL 10C or NFPA 252 ("positive pressure fire tests").
 3. Provide units listed and labeled by ITS (DIR) or UL (DIR).
 - a. Attach fire rating label to each fire rated unit.
 4. Frame Finish: Factory primed and field finished.
- B. Provide mortar guard boxes for hardware cut-outs in frames to be installed in masonry or to be grouted.
- C. Frames in Masonry Walls: Size to suit masonry coursing with head member 4 inches high to fill opening without cutting masonry units.

2.04 FINISHES

- A. Primer: Rust-inhibiting, complying with ANSI/SDI A250.10, door manufacturer's standard.

2.05 ACCESSORIES

- A. Door Window Frames: Door window frames with glazing securely fastened within door opening.
1. Size: As indicated on drawings.
 2. Frame Material: 18 gage, 0.0478 inch, galvanized steel.
 3. Glazing: 5/16 inch thick, tempered glass, in compliance with requirements of authorities having jurisdiction.

- B. Grout for Frames: Mortar grout complying with ASTM C476 with maximum slump of 4 inches as measured in accordance with ASTM C143/C143M for hand troweling in place; plaster grout and thinner pumpable grout are prohibited.
- C. Silencers: Resilient rubber, fitted into drilled hole; provide three on strike side of single door, three on center mullion of pairs, and two on head of pairs without center mullions.
- D. Temporary Frame Spreaders: Provide for factory- or shop-assembled frames.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify existing conditions before starting work.
- B. Verify that opening sizes and tolerances are acceptable.
- C. Verify that finished walls are in plane to ensure proper door alignment.

3.02 PREPARATION

- A. Coat inside of frames to be installed in masonry or to be grouted, with bituminous coating, prior to installation.

3.03 INSTALLATION

- A. Install doors and frames in accordance with manufacturer's instructions and related requirements of specified door and frame standards or custom guidelines indicated.
- B. Install fire rated units in accordance with NFPA 80.
- C. Coordinate frame anchor placement with wall construction.
- D. Grout frames in masonry construction, using hand trowel methods; brace frames so that pressure of grout before setting will not deform frames.
- E. Install door hardware as specified in Section 08 71 00.

3.04 TOLERANCES

- A. Maximum Diagonal Distortion: 1/16 inch measured with straight edge, corner to corner.

3.05 ADJUSTING

- A. Adjust for smooth and balanced door movement.

3.06 SCHEDULE

- A. Refer to Door and Frame Schedule on the drawings.

END OF SECTION