



January 23, 2020

**ADDENDUUM ACKNOWLEDGEMENT FORM
ITB 2019-2020-03 ADDENDUM #1**

Proposal No: ITB 2019-2020-03
Proposal Title: Walton Works DeFuniak Springs Campus Renovations and Additions
Proposal Due Date: February 4, 2020 2:00 p.m. CST
Questions Due Date: January 28, 2020 4:30 p.m. CST
Proposal Opening: February 4, 2020 2:00 p.m. CST

PLEASE BE ADVISED THAT THE FOLLOWING CHANGES ARE APPLICABLE TO THE ORIGINAL SPECIFICATIONS OF THE ABOVE-REFERENCED ITB:

This addendum includes the following:

RESPONSE TO WITTEN QUESTIONS RECEIVED OR ADDITIONAL BID DOCUMENTS:

- 1. Question:** Can you provide specifications for the light gauge metal trusses to be used at the canopy?

Response: See Attached Specification Section 05-400

- 2. Question:** The 36" roof panel specified in this section is a SCREW DOWN roof panel not a standing Seam roof panel. (See attached Kirby Rib 2 Specification sheets). Paragraph 2.3- part C-2 Indicates that this is to be a standing seam roof panel, which is on 16" wide (see attached Kirby Roof Lok Specification Sheet.) Are we to provide a 36" screw down roof or a 16" standing seam roof with the metal buildings?

**Response:
16" standing seam panel**

- 3. Question:** Chain link fencing and gates is indicated to be used at rooms 103 and 104, but no specifications have been provided. Please provide specifications for this work.

Response: See attached Specification Section 32-3113

- 4. Question:** Wall Type B is indicated to be use at the exterior walls on Column Line H at rooms 100,101 and 102 on Sheet A1.02. Sheet A1.05 indicates wall sections 2/A5.11A and 1/A5.11A at the exterior walls of room 100. The referenced wall sections show to use only metal wall panels on the inside face of the exterior walls at room 100, which is in conflict with Sheet A1.02 which indicates these walls to be wall

type B which is a metal stud and gypsum board wall. Please clarify the construction for the exterior walls at room 100, 101, 102, 105 and 107.

Response: Metal wall panels on inside of exterior walls except within Office and Toilet Room

5. Question: Sheet E501- What fixture type is indicated in office Room 107?

Response: L22

6. Question: Sheet E701- What is the manufacturer of the existing Fire Alarm equipment on site now?

Response: EST3

7. Question: Do you have a perspective bidders list?

Response: By Office of Purchasing

8. Question: Sheet A1.01A shows lockers on the floor plans. Are we to provide these lockers? If so, please provide specifications and count for the lockers.

Response: Lockers not in contract

9. Question: Specification Section 07-2119 indicates to use foamed-in-place insulation on the bottom of metal roof deck. Section cuts on Sheet A5.11A indicate vinyl faced insulation at the bottom of the roof deck.

Please clarify where we are to utilize the Foamed-in-Place insulation.

Response: Delete reference to spray-foam insulation

10. Question: Toilet Accessory Mark Number 5 and Number 7 are not called out on the plan view or elevation views for the toilets on Sheet A1.11 . Are we to provide these items?

Response: If not shown on plan or elevations, do not provide

11. Question: Can you please provide specifications for the ½" solid surface window stool indicated in detail 3/A5.12A?

Response: Material equal to "Corian" solid-surface synthetic stone

12. Question: Elevation detail 2/A4.01B indicates 4 each type A windows in the building elevation. The window schedule on sheet A6.01A shows the size for Window Type A to be 4' wide x 3' high. Detail 2/A4.01B shows a height dimension of 2'0" for the windows in the Elevation. Window B on Sheet A6.01A provides a window size of 4' wide x 2' high.

Should the windows called out in elevation 2/A4.01B be Window Type B in lieu of Window Type A?

Response: Should be Window Type "B"

THIS ADDENDUM NOW BECOMES A PART OF THE ORIGINAL ITB.

THE ADDENDUM ACKNOWLEDGMENT FORM SHALL BE SIGNED BY AN AUTHORIZED COMPANY REPRESENTATIVE, DATED AND RETURNED WITH THE RESPONSE.

COMPANY NAME: _____

AUTHORIZED SIGNATURE: _____ DATE: _____

SECTION 323113

CHAIN LINK FENCES AND GATES

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Fence framework, fabric, and accessories.
 - 2. Gates and hardware.
- B. Related Sections:
 - 1. Division 01: Administrative, procedural, and temporary work requirements.
 - 2. Section 033000 - Cast-In-Place Concrete.

1.2 REFERENCES

- A. ASTM International (ASTM):
 - 1. A121 - Standard Specification for Metallic-Coated Carbon Steel Barbed Wire.
 - 2. A392 - Standard Specification for Zinc-Coated Steel Chain-Link Fence Fabric.
 - 3. A491 - Standard Specification for Aluminum-Coated Steel Chain-Link Fabric.
 - 4. A780 - Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings.
 - 5. A824 - Standard Specification for Metallic-Coated Steel Marcellled Tension Wire for Use With Chain Link.
 - 6. C94 - Standard Specification for Ready-Mixed Concrete.
 - 7. F567 - Standard Practice for Installation of Chain Link Fence.
 - 8. F626 - Standard Specification for Fence Fittings.
 - 9. F668 - Standard Specification for Polymer Coated Chain Link Fence Fabric.
 - 10. F900 - Standard Specification for Industrial and Commercial Swing Gates.
 - 11. F1043 - Standard Specification for Strength and Protective Coatings of Metal Industrial Chain Link Fence Framework.
 - 12. F1083 - Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures.
 - 13. F1184 - Standard Specification for Industrial and Commercial Horizontal Slide Gates.
 - 14. F1345 - Standard Specification for Zinc-5% Aluminum-Mischmetal Alloy-Coated Steel Chain-Link Fence Fabric.
 - 15. F1664 - Standard Specification for Poly (Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Tension Wire Used with Chain-Link Fence.
 - 16. F1665 - Standard Specification for Poly (Vinyl Chloride) (PVC) and Other Conforming Organic Polymer-Coated Steel Barbed Wire Used with Chain-Link Fence.
 - 17. F1910 - Standard Specification for Long Barbed Tape Obstacles.
 - 18. F1911 - Standard Practice for Installation of Barbed Tape.
 - 19. F2200 - Standard Specification for Automated Vehicular Gate Construction.
- B. Chain Link Fence Manufacturers Institute (CLFMI) - Product Manual.
- C. Underwriters Laboratories, Inc. (UL) 325 - Door, Drapery, Gate, Louver, and Window Operators and Systems.

1.3 SYSTEM DESCRIPTION

- A. Fence Height: As indicated on Drawings.

1.4 SUBMITTALS

- A. Submittals for Review:
 - 1. Shop Drawings: Include layout, spacing of components, post foundation dimensions, hardware, and schedule of components.

2. Samples: 6 x 6 inch fabric samples illustrating construction and finish.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers:
 1. Master-Halco, Inc. (www.fenceonline.com)
 2. Merchants Metals. (www.merchantsmetals.com)
 3. Perfection Fence Corp. (www.perfectionfence.com)
 4. Southwestern Wire, Inc. (www.southwesternwire.com)
- B. Substitutions: Under provisions of Division 01.

2.2 MATERIALS

- A. Materials and Components: Conform to CLFMI Product Manual.
- B. Chain Link Fabric:
 1. Zinc-coated steel fabric: ASTM A392, hot dipped galvanized before or after weaving, Class 2 - 2.0 ounces per square foot.
 - a. Mesh size 2 inches or more:
 - 1) 72 inches high and over: Knuckle finish one end, twist finish opposite end.
 - 2) Fabric less than 72 inches high: Knuckle finish top and bottom.
 - b. Mesh size less than 2 inches: Knuckle selvage top and bottom.
 2. Wire gage: 11
 3. Mesh size: 2 inches
- C. Framework:
 1. Round steel pipe and rail, ASTM F1043, Group IC - Heavy Industrial Fence Framework.
 2. Finish: Exterior zinc coating Type B, interior coating Type B or Type D.
 3. Sizes:
 - a. Line posts: 4 inch OD.
 - b. End, corner, pull posts: 4 inch OD.
 - c. Top, brace, bottom, and intermediate rails, 1.660 inches OD.
- D. Tension Wire: Metallic coated steel marcelled tension wire: 7 gage, ASTM A824, Type II - Zinc-Coated Class 5 - 2.0 ounces per square foot.

**** OR ****

- E. Fittings:
 1. Tension and brace bands: Pressed galvanized steel, ASTM F626, minimum 12 gage, minimum 3/4 inch width, minimum zinc coating of 1.20 ounces per square foot, with 3/8inch galvanized steel carriage bolts.
 2. Terminal post caps, line post loop tops, rail and brace ends, boulevard clamps, and rail sleeves: ASTM F626, pressed steel galvanized after fabrication, a minimum zinc coating of 1.20 ounces per square foot.
 3. Truss rod assembly: ASTM F626, 3/8 inch diameter steel truss rod with pressed steel tightener, minimum zinc coating of 1.2 ounces per square foot, capable of withstanding 2000 pound tension.
 4. Tension bars: ASTM F626, galvanized steel, single piece length 2 inches less than fabric height, minimum zinc coating thickness of 1.2 ounces per square foot.
 - a. Bars for 2 and 1-3/4 inch mesh: Minimum cross section of 3/16 x 3/4 inch.
 - b. Bars for 1 inch mesh: Minimum cross section of 1/4 x 3/8 inch.

- c. Bars for 3/8, 1/2, and 5/8 inch mesh: Attached to terminal post using galvanized steel strap having minimum cross section of 2 x 3/16 inch with holes spaced 15 inches on center to accommodate 5/16 inch carriage bolts.
- F. Tie Wire and Hog Rings: ASTM F626, minimum zinc coating of 1.20 ounces per square foot, 9 gage galvanized steel wire [polymer coated to match coating, class, and color of fabric.
- G. Swing Gates:
- 1. ASTM F900, galvanized steel, welded fabrication, 1.900 inch OD frame members, ASTM F1043, Group IA, ASTM F1083 Schedule 40 pipe, spaced maximum 8 feet apart vertically and horizontally.
 - 2. Welded joints protected with zinc-rich paint in accordance with ASTM A780.
 - 3. Positive locking gate latch fabricated from 5/16 inch thick x 1-3/4 inch pressed steel galvanized after fabrication.
 - 4. Galvanized steel drop for double leaf gates.
 - 5. Galvanized malleable iron or heavy gage pressed steel post and frame hinges.
 - 6. Fabric to match fencing.
 - 7. Gate posts: ASTM F1043, Group IA, ASTM F1083 Schedule 40 pipe, 2.875 inch OD

PART 3 EXECUTION

3.1 INSTALLATION

- A. Framework:
- 1. Bolt posts to concrete slab in accordance with ASTM F567.
 - 2. Install line posts at maximum 8 feet on center.
 - 3. Top rail: Install 21 foot lengths continuous through line post. Splice rail using minimum 6 inch long sleeves. Secure rail to terminal posts with brace band and rail end.
 - 4. Field cut bottom [and intermediate rail and secure to line posts with boulevard bands or rail ends and brace bands.
 - 5. Brace and truss end, corner, pull and gate posts for fence 6 feet and higher and fences 5 feet and higher without top rail in accordance with ASTM F567.
 - 6. Install center [and bottom rail; attach to posts with clamp type fittings.
 - 7. Tension wire:
 - a. Install tension wire 4 inches up from bottom of fabric and 4 inches down from top edge of fabric for fences without top rail.
 - b. Stretch wire taut, independently and prior to fabric, between terminal posts and secure to terminal post using brace band.
 - c. Secure wire to chain link fabric with 9 gage hog rings spaced maximum 18 inches on center and to each line post with tie wire.
 - d. Install top tension wire through barbed wire arm loop for fences having barbed wire and no top rail.
- B. Fabric:
- 1. Install fabric to outside of framework.
 - 2. Attach fabric to terminal post by threading tension bar through fabric; secure tension bar to terminal post with tension bands and 5/16 inch carriage bolts spaced maximum 12 inches on center.
 - 3. Stretch fabric taut, without sag. Secure fabric to line posts with tie wires spaced maximum 12 inches on center and to rails at maximum 18 inches on center.
 - 4. Secure fabric to tension wire with hog rings spaced maximum 18 inches on center.
 - 5. Wrap tie 360 degrees around post or rail and twist ends twisted together three full turns. Cut off excess wire and bend over.
 - 6. Installed fabric ground clearance: Maximum 1/2 inches.
- C. Swing Gates:
- 1. Install in accordance with ASTM F567, with gates plumb in closed position and having 3 inch bottom clearance, grade permitting.

2. Maximum hinge and latch offset opening space from gate frame to post: 3 inches in closed position.
3. Set double leaf gate drop bar receivers in concrete footing minimum 6 inch diameter x 24 inches deep.
4. Install gate leaf holdbacks for double leaf gates.

3.2 INSTALLATION TOLERANCES

- A. Maximum Variation from Plumb: 1/4 inch in 10 feet.
- B. Maximum Offset from True Position: 1 inch.

END OF SECTION

SECTION 054000

COLD-FORMED METAL FRAMING

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Steel stud truss framing.
- B. Related Sections:
 - 1. Division 01: Administrative, procedural, and temporary work requirements.

1.2 REFERENCES

- A. American Iron and Steel Institute (AISI) www.steel.org - Specification for the Design of Cold-Formed Steel Structural Members.
- B. American Society of Civil Engineers (ASCE) www.asce.org - Minimum Design Loads for Buildings and Other Structures.
- C. American Welding Society (AWS) www.aws.org D1.3/D1.3M - Structural Welding Code - Sheet Steel.
- D. ASTM International (ASTM) www.astm.org:
 - 1. A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process..
 - 2. A780 - Standard Practice for Repair of Damaged and Uncoated Areas of Hot-Dip Galvanized Coatings.
 - 3. A1003/A1003M - Standard Specification for Steel Sheet, Carbon, Metallic- and Nonmetallic-Coated for Cold-Formed Framing Members.
 - 4. C955 - Standard Specification for Load-Bearing (Transverse and Axial) Steel Studs, Runners (Tracks), and Bracing or Bridging for Screw Application of Gypsum Board and Metal Plaster Bases.
 - 5. C1007 - Standard Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories.
 - 6. C1513 - Standard Specification for Steel Tapping Screws for Cold-Formed Steel Framing Connections.
- E. Steel Framing Industry Association (SFIA) (www.sfia.memberclicks.net) - Member Directory.
- F. Steel Stud Manufacturer's Association (SSMA) (www.ssma.com) - Member Directory.
- G. Society for Protective Coatings (SSPC) www.sspc.org - Painting Manual.

1.3 SUBMITTALS

- A. Submittals for Review:
 - 1. Shop Drawings: Indicate framing layout, components, connections, fastenings, and pertinent details.
 - 2. Product Data: Indicate framing components, sizes, materials, finishes, and accessories.
- B. Quality Control Submittals:
 - 1. Certificates of Compliance: Certificate from Professional Structural Engineer responsible for system design that system was designed in accordance with Contract Document requirements, applicable Building Code, and generally accepted engineering practices.
 - 2. Welder Certifications: As required by AWS D1.3/D1.3M.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Current member of SFIA or SSMA.
- B. Installer Qualifications: Minimum 5 years [documented] experience in work of this Section.
- C. Calculate structural properties of framing members in accordance with AISI Specifications.
- D. Design framing under the direct supervision of a Professional Structural Engineer with minimum 5 years experience in the work of this Section and licensed in the State in which the Project is located.
- E. Design roof trusses to withstand:
 - 1. Live and dead loads in accordance with Building Code.
 - 2. Wind pressure loads in accordance with ASCE 7. And Florida Building Code.
 - 3. Movement caused by an ambient temperature range of 120 degrees F and a surface temperature range of 160 degrees F.
 - 4. Maximum deflection under loading: $[L/360]$ without sheathing materials.
 - 5. Minimum 1/2 inch vertical deflection of structure.
- F. Design system to accommodate construction tolerances, deflection of building structural members, and clearances at openings.
- G. Welder Qualifications: AWS D1.3/D1.3M.

1.5 DELIVERY, STORAGE AND HANDLING

- A. In accordance with ASTM C1007.

PART 2 PRODUCTS

- A. Substitutions: Under provisions of Division 01.

2.2 MATERIALS

- A. Framing Materials:
 - 1. ASTM A653/A653M or A1003/A1003M, galvanized sheet steel, G90 coating class.
 - 2. Fabricate components to ASTM C955.
 - 3. Studs: SSMA stud profile, C-shaped, punched for utility access.

2.3 ACCESSORIES

- A. Bracing, Furring, Bridging and Web Stiffeners: Formed sheet steel, thickness determined by performance requirements specified.
- B. Plates, Gussets, Clips: Formed sheet steel, thickness determined by performance requirements specified.
- C. Fasteners: ASTM C1513; self-drilling, self-tapping screws.
- D. Touch Up Paint: SSPC Paint 20, Type I or II.
- E. Welding Electrodes: AWS D1.3/D1.3M; type required for materials being welded.

2.4 FABRICATION

- A. Framing components may be prefabricated using templates.
- B. Cut members square and with tight fit to adjacent framing.
- C. Assemble components using screw connection, welding, or clinching methods. Welding to conform to AWS D1.3/D1.3M.

- D. Fabricate straight, level, and true, without warp or rack.
- E. Fabrication Tolerances: In accordance with ASTM C955.

PART 3 EXECUTION

3.1 INSTALLATION - GENERAL

- A. Install framing components in accordance with ASTM C1007, manufacturer's instructions, and approved Shop Drawings.
- B. Welding: In accordance with AWS D1.3/D1.3M.
- C. Make provisions for erection stresses. Provide temporary alignment and bracing.

3.2 INSTALLATION - TRUSSES

- A. Place trusses at spacings indicated or as engineered.
- B. Make provisions for erection stresses. Provide temporary alignment and bracing.
- C. Set trusses parallel and level; install lateral bracing and bridging as required.

3.3 INSTALLATION TOLERANCES

- A. In accordance with ASTM C1007.

3.4 FIELD QUALITY CONTROL

- A. Testing and Inspection Services: Inspect and test shop and field welds in accordance with AWS D1.3/D1.3M.

3.5 ADJUSTING

- A. Clean and touch up galvanized coatings at welded and abraded surfaces in accordance with ASTM A780, Annex A1.

END OF SECTION