

# Addendum

No. FOUR Date: 09.24.18

Project: A NEW PRE-K BUILDING FOR BIG SPRING LAKE  
KINDERGARTEN SCHOOL  
FOR  
THE ALBERTVILLE CITY BOARD OF EDUCATION  
ALBERTVILLE, ALABAMA

PROJECT NO. 18-134  
BC # 2018343

## A4.1 GENERAL

- A. The following changes and/or substitutions to the plans and specifications are hereby made a part of same and are incorporated in full force as part of the contract.
- B. Bidders shall acknowledge receipt of this Addendum in writing on his Proposal Form.

## A4.2 SPECIFICATIONS

- A. Refer to **Section 02831, Vinyl Coated Chain Link Fences and Gates**, herein.

## A4.3 DRAWINGS

- A. The following sheets are to be **substituted** into the drawings as follows:  
Sheet C4 (dated 09-24-18)
- B. **Clarification:** The playground surface will be by owner,

END OF ADDENDUM FOUR

## SECTION 02831 - VINYL COATED CHAIN LINK FENCES AND GATES

### PART 1 – GENERAL

#### RELATED DOCUMENTS:

Drawings and general provisions of Contract, including General and Supplementary Conditions and Division 1 Specification sections apply to work of this section.

#### DESCRIPTION OF WORK:

1. Extent of chain link fences and gates is indicated on drawings.

#### SECTION INCLUDES

1. Fence framework, fabric, and accessories.
2. Excavation for post bases; concrete foundation for posts gate assemblies.
3. Manual swing gates and related hardware.

#### REFERENCES

1. ANSI/ASTM A123 - Zinc (Hot Dip Galvanized) Coatings on Iron and Steel Products.
2. ASTM A116 - Zinc-Coated (Galvanized) Steel Woven Wire Fence Fabric.
3. ASTM A153 - Zinc Coating (Hot-Dip) on Iron and Steel Hardware.
4. ASTM A569 - Steel, Carbon (0.15 Maximum Percent), Hot-Rolled Sheet and Strip Commercial Quality.
5. ASTM C94 - Ready-mixed Concrete.

#### SYSTEM DESCRIPTION

Fence Height: See drawings

Intervals not exceeding 10 feet on center in straight runs and 8 feet on center curves.

#### SUBMITTALS

Product Data: Provide data on fabric, posts, accessories, fittings and hardware.

#### Qualifications:

Manufacturer: Company specializing in manufacturing the products specified in this Section to have minimum three years documented experience.

## FIELD MEASUREMENTS

Verify that field measurements are as shown on Drawings prior to installation.

## PART 2 – PRODUCTS

Manufacturer: The following manufacturers' products have been used to establish minimum standards for materials, workmanship and function:

American Fence Corp.  
Anchor Fence, Inc.  
United States Steel.

Equal products of other manufacturers may be used in the work provided, such products have been approved, by the Architect, not less than five (5) days prior to scheduled bid opening.

### Fence Framework:

1. Allied Tube; Product SS 40.
2. Century Tube; Product CMT 40.

### Chain Link Fabric:

1. Merchants Metals.
2. Cargill.

### Padlocks:

1. Yale.
2. Master.
3. Sargent.

## Materials and Components

Framing Materials: Round SS 40, steel pipe, vinyl coated per ASTM F1234 outside. Post to have tops to exclude moisture.

Fabric: 9 gage fused bonded fabric shall have PVC coating of 7 to 12 mils per ASTM F668 Class 2B. Color shall be selected by Owner and Architect.

Swing Gates: Size as shown on Drawings covered with chain link fabric. Gates shall be complete with industrial type, fixed pin, 180 degree hinges and drop latches with padlock left in proper operating condition.

Padlocks: Industrial grade and shall be keyed alike, and as Owner's existing locks, when more than one is required.

Components:

1. Line Posts: 2.0 inch outside diameter.
2. Corner and Terminal Posts: 3.0 inch outside diameter.
3. Swing Gate Posts: 3.0 inch minimum outside diameter for less than 6 foot gate leaf. 4.0 inch minimum outside diameter for 6 foot gate leaf or greater or outside diameter as required by design. Posts shall be of sufficient diameter and weight to prevent deflection or gate sagging.
4. Top, and Bottom Rail: 1-5/8 inch diameter, plain end, sleeve coupled with 0.111 inch wall thickness. Provide Mid-Rails at fences and gates in excess of 5 feet in height.
5. Swing Gate Frame: 1-5/8 inch minimum diameter welded or fitting type fabrication. Welded fabrication shall be vinyl coated after weld connections are made. The frame components shall be of sufficient diameter, weight and design to avoid sagging and allow easy operation.
6. Fabric: 2 inch vinyl coated diamond mesh interwoven wire, 9 gage thick, top selvage twisted tight, bottom selvage knuckle end closed.
7. Tie Wire: Aluminum alloy steel wire, vinyl coated.

Accessories:

1. Caps: Cast steel vinyl coated; sized to post diameter, set screw retainer.
2. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; steel, vinyl coated.
3. Swing Gate Hardware: Fork latch with gravity drop, center gate stop and drop rod; three 180 degree gate hinges per leaf and hardware for padlock.

Finishes:

1. Components: Vinyl coated to ASTM F123, 10-14 mil coating. Color shall be selected by Architect and Owner
2. Hardware: vinyl coated.
3. Accessories: Same finish as fabric.

PART 3 – EXECUTION

INSTALLATION

Install framework, fabric, accessories and gates in accordance with ANSI/ASTM F567 and manufacturer's instructions.

Set all posts plumb, in concrete footings with top of footing 1 inch above finish grade. Slope top of concrete for water runoff.

Line Post Footing Depth Below Finish Grade: Minimum three feet (18 inches in solid rock) and not less than 12 inches in diameter.

Corner, Gate and Terminal Post Footing Depth Below Finish Grade: Minimum three feet (18 inches in solid rock) and not less than 12 inches in diameter.

Brace each gate and corner post to adjacent line post with horizontal center brace rail and diagonal truss rods. Install brace rail, one bay from end and gate posts.

Provide top rail through line post tops and splice with 6 inch long rail sleeves.

Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.

Position bottom of fabric 2 inches above finished grade.

Fasten fabric to top, bottom and mid- rails, line posts, braces, and bottom tension wire with tie wire at maximum 15 inches on centers.

Attach fabric to end, corner, and gate posts with tension bars and tension bar clips. Install bottom tension wire stretched taut between terminal posts.

Do not swing gate from building wall; provide gate posts.

Install gates with fabric to match fence. Install three hinges per leaf, latch, catches, drop bolt, foot bolts and sockets, torsion spring, retainer and locking clamp. Provide concrete center drop to footing depth and drop rod retainers at center of double gate openings.

Clean all excess grout, concrete, grease, paint, etc., from fence.

Erection Tolerances:

1. Maximum Variation From Plumb: 1/4 inch.
2. Maximum Offset From True Position: 1 inch.
3. Components shall not infringe adjacent property lines.

Schedule:

Fence and gate location and size as indicated on Drawings.

END OF SECTION 02831

