

Addendum 01

DOCUMENT 00 9100

DATE: February 23, 2023

PROJECT: Tiffin CSD Existing Tennis Court Replacement
300 South Monroe Street
Tiffin, Ohio 44883

PROJECT #: 22099.00

OWNER: Tiffin City Schools
244 South Monroe Street
Tiffin, Ohio 44883

ARCHITECT: Garmann Miller
38 South Lincoln Drive
P.O. Box 71
Minster, Ohio 45865

TO: Prospective Bidders

This addendum form is a part of the Contract Documents and modifies the Bidding Documents dated February 6, 2023 with amendments and additions noted below.

Acknowledge receipt of this Addendum on the Bid Form. Failure to do so may disqualify the Bidder.

This addendum consists of two pages and one specification section.

FOR INFORMATION ONLY

1. 15' high chain link fence fabric to be one continuous sheet.

CHANGES TO THE PROJECT MANUAL

1. Section 00 73 00 Supplementary Conditions, Article 11 Insurance and Bonds, Paragraph 11.2.1.1; delete the words "or off site, or while in transit."
2. Section 00 73 00 Supplementary Conditions, Article 11 Insurance and Bonds, Paragraph 11.2.1.3; delete this paragraph in its entirety.
3. Section 00 73 00 Supplementary Conditions, Article 16 Payroll and Wage Determination, Paragraph 16.1; delete this paragraph in its entirety.



4. Section 01 51 00 Temporary Utilities, Article 1.01 Section Includes, Paragraph A; delete the words "lighting, heat, ventilation and dehumidification."
5. Section 01 51 00 Temporary Utilities, Article 1.03 Temporary Electricity, Paragraph A; add the words "By Owner."
6. Section 01 51 00 Temporary Utilities, Article 1.04 Temporary Ventilation; delete this Article in its entirety.
7. Section 32 31 13 Chainlink Fences and Gates, Article 2 Products, Paragraph 2.03 Components, Subparagraph B Fabric; Change to read: Wire: 9 Gauge. Replace section in its entirety.

ATTACHMENTS

The following attachments are included and are part of this addendum:

Specification Sections 32 31 13.

END OF ADDENDUM



SECTION 32 31 13
CHAIN LINK FENCES AND GATES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Posts, rails, and frames.
- B. Wire fabric.
- C. Concrete.
- D. Accessories.

1.02 REFERENCE STANDARDS

- A. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware 2016a.
- B. ASTM A428/A428M - Standard Test Method for Weight (Mass) of Coating on Aluminum-Coated Iron or Steel Articles 2021.
- C. 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.
- D. ASTM F567 - Standard Practice for Installation of Chain-Link Fence 2014a (Reapproved 2019).
- E. CLFMI CLF-SFR0111 - Security Fencing Recommendations 2014.
- F. CLFMI CLF 2445 - Product Manual - Drawings 2012.

1.03 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on fabric, posts, accessories, fittings and hardware.
- C. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components. See CLFMI CLF-SFR0111 for planning and design recommendations.

1.04 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.
- B. Comply with Chain Link Fence Manufacturers Institute "Product Manual".

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Chain Link Fences and Gates:
 - 1. Merchants Metals: www.merchantsmetals.com/#sle.
 - 2. Master-Halco, Inc: www.masterhalco.com/#sle.
 - 3. Reeves Southeastern Corp.; Product Hot Dipped Galvanized.: www.reevesse.com.
 - 4. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 MATERIALS

- A. Posts, Rails, and Frames:
- B. Concrete:
 - 1. Footing: Concrete is to extend a minimum 6 inches below bottom of post with weep provided. Typical footing size as follows:
 - a. Intermediate posts: minimum 12 inch diameter by 3'-6" below grade.
 - b. Gate posts 6 feet wide leaf and smaller: minimum 14 inch diameter by 3'-6" below grade.

- c. Intermediate posts, end, corner, pull posts at wind screen fence: minimum 18 inch diameter by 5'-0" below grade.

2.03 COMPONENTS

A. Framework:

- 1. 10'-0" high fence and under
 - a. Line Posts: 2.38 inch diameter with .154 inch wall thickness
 - b. Corner and Terminal Posts: 2.88 inch diameter with .203 inch wall thickness.
- 2. 15'-0" high wind screen fence.
 - a. Line Posts: 4.0 inch diameter with .226 inch wall thickness
 - b. Corner and Terminal Posts: 4.0 inch diameter with .226 inch wall thickness.
- 3. Gate Post: The following sizes for single swing gates or on leaf of double gate:
 - a. Gate leaf up to 6 feet wide:
 - 1) Schedule 40, 2.875 inch diameter with .203 inch wall thickness
- 4. Top and Brace Rail: 1.66 inch diameter with .140 wall thickness, plain end, sleeve coupled.
- 5. Bottom Rail: 1.66 inch diameter, plain end, sleeve coupled.
- 6. Gate Frame: 1.66 inch diameter for welded fabrication.
 - a. Install pipe bracing as required to prevent gate from sagging.

B. Fabric:

- 1. Tennis Courts
 - a. 1 3/4 inch diamond mesh interwoven
 - b. Wire: 9 gauge
 - c. Selvage:
 - 1) Top: Knuckle
 - 2) Bottom: Knuckle
- 2. Tension Wire: 6 gage, 0.1920 inch thick steel, single strand.
 - a. Connectors: 12-1/2 gauge aluminum coated steel clips or 'Hog Rings' (11 gauge)
 - b. Spacing: Note to exceed 18 inches
- 3. Tension Band (Bar): 3/16 inch thick steel by 5/8 inch wide and 1 inch less than full height of fabric.
- 4. Tension Strap: 0.11 inch thick steel by 1 inch wide.
 - a. Spacing: One for each foot in height
 - b. Connection: 3/8 inch diameter carriage bolts
- 5. Tie Wire: Aluminum alloy steel wire, 9 gage.
 - a. Spacing:
 - 1) Intermediate Post: Not to exceed 14 inches
 - 2) Top Rail: Not to exceed 24 inches

2.04 ACCESSORIES

- A. Caps: Cast steel galvanized; sized to post diameter, set screw retainer.
- B. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; steel.
- C. Hardware for Single Swinging Gates: 180 degree hinges, 2 for gates up to 60 inches high, 3 for taller gates; fork latch with gravity drop and padlock hasp ; keeper to hold gate in fully open position. Gates to swing out from playing surface.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install framework, fabric, accessories and gates in accordance with ASTM F567.
- B. Place fabric on inside of post and rails at tennis court.

- C. Set intermediate, terminal, and gate posts plumb, in concrete footers with top of footer 4" below grade .
- D. Line Post Footing Depth Below Finish Grade: ASTM F 567.
- E. Corner, Gate and Terminal Post Footing Depth Below Finish Grade: ASTM F 567.
- F. Brace each gate and corner post to adjacent line post with horizontal center brace rail. Install brace rail one bay from end and gate posts.
- G. Provide top rail through line post tops and splice with 6 inch long rail sleeves.
- H. Install center brace rail on corner gate leaves.
- I. Do not stretch fabric until concrete foundation has cured 28 days.
- J. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.
- K. Position bottom of fabric 2 inches above finished grade at football/track.
- L. Position bottom of fabric 1/2 inch above finished grade at tennis court.
- M. Fasten fabric to top rail, line posts, braces, and bottom tension wire with tie wire at maximum 15 inches on centers.
- N. Attach fabric to end, corner, and gate posts with tension bars and tension bar clips.
- O. Install bottom tension wire stretched taut between terminal posts.
- P. Do not attach the hinged side of gate to building wall; provide gate posts.
- Q. Install hardware and gate with fabric to match fence.
- R. Provide concrete center drop to footing depth and drop rod retainers at center of double gate openings.

3.02 TOLERANCES

- A. Maximum Variation From Plumb: 1/4 inch.
- B. Maximum Offset From True Position: 1 inch.
- C. Do not infringe on adjacent property lines.

3.03 CLEANING

- A. Clean jobsite of excess materials; scatter excess material from post hole excavations uniformly away from posts. Remove excess material if required.
- B. Clean fence with mild household detergent and clean water rinse well.

END OF SECTION

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