

**ADDENDUM NO. 3
FOR
LOCSD PROGRAM C WELL EQUIPPING PROJECT**

DATE: September 13, 2023

FROM: Wallace Group
612 Clarion Court
San Luis Obispo, CA 93401
Tel: (805) 544-4011

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Procurement Documents dated July 2023 as noted herein. Each bidder shall acknowledge receipt of this Addendum by completing the acknowledgment at the end of this Addendum, and by confirming receipt of this addendum on the contract Bid Form. Failure to do so may subject Bidder to disqualification.

The following changes or clarifications have been made to the Bid Documents:

CHANGES TO PRIOR ADDENDA:

1. Notice Inviting Bids, Page 1, Bid Opening. **Bid opening date is changed from September 19, 2023, to September 21, 2023.** Time and location of bid opening remains unchanged.
2. Addendum 2, Section 32 31 13, Aluminum Chain Link Fences and Gates, Para. 2.06 Filler Strips. See updated Paragraph in the attached revised Section 32 31 12, Galvanized Steel Chain Link Fences and Gates.

CHANGES TO PROCUREMENT REQUIREMENTS:

3. See above revised Bid Opening Date.

CHANGES TO CONTRACTING REQUIREMENTS:

4. None.

CHANGES TO SPECIFICATIONS:

5. Section 26 26 52 Submersible Electric Motors, delete paragraph 2.04 in its entirety.
6. Section 32 31 13, Aluminum Chain Link Fences and Gates, replace the entire Section with the attached Section 32 31 12, Galvanized Steel Chain Link Fences and Gates.

CHANGES TO DRAWINGS:

7. None.

Please acknowledge receipt of this Addendum No. 3 by signing where indicated below. **Please email a PDF copy of this signed addendum to stevent@wallacegroup.us.**

Company Name

Date

END OF ADDENDUM

SECTION 323113 GALVANIZED STEEL CHAIN LINK FENCES AND GATES

PART 1 - GENERAL

1.01 DESCRIPTION

This section includes materials and installation of galvanized steel chain link fence and gates, top and bottom tension wires, and top rail and bottom tension wire.

1.02 RELATED WORK SPECIFIED ELSEWHERE

- A. Painting and Coating: 099000.

1.03 SUBMITTALS

- A. Submit shop drawings in accordance with the General Provisions.
- B. Submit manufacturer's descriptive literature and drawings of fence and gate installation.
- C. Submit manufacturer's certificate or original shipping tags showing compliance with cited U.S. Federal and ASTM specifications.

PART 2 - MATERIALS

2.01 GALVANIZED CHAIN LINK FABRIC

- A. Fabric height shall be 72 inches unless otherwise shown in the drawings.
- B. ASTM A392, Class 1; or U.S. Federal Specification RR-F-191/1D, Type I. 1.2 ounces per square foot zinc coating, hot-dip galvanized after weaving, 2-inch diamond mesh, 11-gauge steel wire for height 60 inches or less, 9 gauge for height over 60 inches
- C. Top selvage knuckled, bottom selvage twisted and barbed.
- D. Tie wire shall be same material and gauge as the chain link fabric.

2.02 GALVANIZED POSTS AND BRACES

- A. Steel Pipe: ASTM F1083. Galvanize 1.8 ounces per square foot.
- B. Provide posts and braces in compliance with the over 6-foot classification of U.S. Federal Specification RR-F-191/3D, as follows:
 - 1. End, Corner, and Pull Posts: 2-1/2-inch steel pipe, 5.79 pounds per linear foot.
 - 2. Line Posts: 2-inch steel pipe, 3.65 pounds per linear foot.

3. Gateposts for up to 6-Foot Leaf Width Gate: 2 ½ inches, 5.79 pounds per linear foot.
 4. Gatepost for 6 to 13- Foot Leaf Width Gate: 3 ½ inches, 9.1 pounds per linear foot.
- C. Post Brace Assembly: At gateposts and end posts and at each side of corner and pull posts, place a horizontal compression brace to the next post at midheight of fabric. Truss the two posts together with a diagonal tension rod. Use 1-1/4-inch minimum pipe for the horizontal brace and 3/8-inch (nominal, 5/16-inch true) diameter adjustable diagonal truss rod.
- D. Length of Posts into Footing: At line posts for fabric height of less than 72 inches, provide 24 inches. At line posts for fabric height of 72 inches and more, provide 30 inches. At end, corner, and pull posts, provide 6 inches more than at line posts. At gateposts, provide 12 inches more than at line posts. In solid rock, the portion of the depth of footing that is in solid rock may be reduced to one-half of the above lengths.

2.03 GALVANIZED STEEL HARDWARE

Comply with U.S. Federal Specification RR-F-191/4D or ASTM F626 and the following:

- A. Caps: Weathertight caps on exposed ends of tubular members.
- B. Tension Wires: 7-gauge galvanized steel coil spring steel.
- C. Tension or Stretcher Bars: One piece, 2 inches less than fabric height, 3/16 inch by 3/4 inch. Provide one bar for each gate and end post and two for each corner and pull post.

2.04 GALVANIZED STEEL GATES

- A. Provide gates in accordance with ASTM F900, except as modified.
- B. Tubular Perimeter Members: Provide 2-inch pipe, 3.65 pounds per linear foot. Provide intermediate vertical member for width over 8 feet and intermediate horizontal member for width over 10 feet. Assemble frame by welding or with malleable or pressed steel corner fittings, riveted for rigid connection. Provide fabric and barbed wire as for fence. Use stretcher bars at vertical edges and optional at top and bottom edges. Diagonal cross bracing of 3/8-inch (nominal, 5/16-inch true) diameter adjustable truss rods. Provide hinged gates to swing through 90 degrees from closed to open. .
- C. Gate Hardware:
 1. Hinges: Provide pressed or forged steel or malleable iron, nonlift-off type, one and one-half pairs for each leaf over 6 feet high.
 2. Latch: Provide forked type or plunger-bar type for operation from either side, with padlock eye as integral part.

3. Cane Bolt: Provide one 24-inch-long cane bolt at each leaf more than 4 feet 0 inches wide.

2.05 CANTILEVERED SLIDING GATE

- A. Gates shall be in accordance with ASTM F1184, Type II, except as modified herein. Gate height shall be the same as the fence fabric.
- B. Gates shall be galvanized steel with minimum 2-1/2" O.D. horizontal rails, 2" O.D. vertical bracing, and 1-5/8" diagonal bracing; all are welded to form a rigid unit. Vertical members shall be set no more than 8 feet 0 inches on center. Weld a diagonal brace of the same dimensions at each bay.
- C. Track shall be a one-piece galvanized steel extrusion in accordance with ASTM A123. Truck to have ball-type stainless steel rollers.

2.06 FILLER STRIPS

HDPE filler strips for vertical installation into chain link fence and gate shall be fabricated from High Density Polyethylene (HDPE), color pigments and ultraviolet (UV) inhibitors. Provide bottom locking channel. Strips shall be at least 1 3/32 inches by 6 feet long. Submit color choices for selection by Owner. Slats shall be Pexco Bottom Lock 2", Blade Slat Bottom Locking 4000 Series, or approved equal. .

2.07 CONCRETE

Five, 94-pound sacks of portland cement per cubic yard. Do not use accelerating admixtures.

PART 3 - EXECUTION

3.01 PREPARATION FOR INSTALLATION

Clear the line of the fence and dispose of resulting material. Grade between post centers and excavate high spots so bottom of fabric will be between 1 and 2 inches above finished grade.

3.02 INSTALLATION

Install in accordance with ASTM F567, except as modified herein.

3.03 SETTING POSTS

- A. Space line posts uniformly at maximum intervals of 10 feet between gateposts and corner posts.

- B. Excavate post holes so concrete will be 3 inches below and around metal posts, except that minimum diameter of concrete footing for end, corner, pull, and gateposts is 12 inches. In solid rock, diameters may be reduced to post outside diameter plus 3 inches.
- C. Set posts plumb to within 1/4 inch of the post's vertical centerline.
- D. Fill postholes with concrete to 2 inches above finish grade and crown to slope away from post. In solid rock, emplace posts with a grout of one-part portland cement to three parts sand, with sufficient water for workability.

3.04 INSTALLING FABRIC

- A. Place fabric on the security side of fence. Place tension bands on side opposite fabric side and peen bolt ends or score threads.
- B. Tie fabric to line posts and clip tension bar to end, corner, pull, and gateposts at 15-inch intervals. Tie fabric to tension wires or weave tension wires through fabric at 24-inch intervals. Gauge of tie wire equal to gauge of fabric. Tie tension wires to line posts with 6-gauge wire. Twist tie wires two full turns and bend back edges to reduce hazard.
- C. Join rolls of fabric by weaving a single strand into ends of the rolls to form a continuous mesh.

3.05 INSTALLING FILLER STRIPS

Starting at one end of a run of fence, insert filler strip rail horizontally in first full diamond at bottom of fence with open side facing up. Insert vertical slats with beveled/notched end down to interlock with bottom rail. Push the vertical slat into the horizontal channel to lock slat in place. Continue until the entire width of a section of fence is completed.

END OF SECTION