



HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT PURCHASING DEPARTMENT

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Joel Duarte
Director Purchasing and Warehouse

January 16, 2020

HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT BID NUMBER 2018-19.08R2 LA PUENTE HIGH SCHOOL DRESSING ROOM, POOL AND KITCHEN

ADDENDUM #2

This Addendum number two (#2) hereby makes changes to Bid #2018-19.08R2. Bidder shall acknowledge receipt of this Addendum in space provided on the Bid Form. Failure to acknowledge any addenda issued may subject Bidder to disqualification.

Questions should be directed to Joel Duarte via email at juduarte@hlpusd.k12.ca.us or by phone (626) 933-3932.

Sincerely,

Joel Duarte
Director of Purchasing and Warehouse

Vision Statement:

The Hacienda La Puente Unified School District is a community committed to developing lifelong learners who value themselves and the diversity of all people; apply decision-making skills leading to responsible actions; and use creativity, critical thinking, and problem solving in meeting the challenges of a changing society.

**HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT
BID NUMBER 2018-19.08R2
LA PUENTE HIGH SCHOOL DRESSING ROOM, POOL AND KITCHEN**

Questions and Clarifications

1. *It appears that plan sheet DP-1 (deck plan?) is missing from the Swimming Pool and Dressing Room plan set, can you please issue this sheet?*
 - ***In regards to DP-1, the sheet label in the index seems to be a duplicate for SP.2 underground piping plan. It was probably renamed to make the prefixes more manageable and then the index was not cleaned up properly.***

2. *Clarification is required on the Locker Specifications*
 - ***Please see below for Architects comments on locker specs (clouds are comments added by architect)***

SECTION 10 51 13 - METAL LOCKERS

PART I -GENERAL

1.1 SECTION INCLUDES

- A. Heavy Duty Knocked Down Lockers.
- B. Locker benches.

1.2 REFERENCES

- A. ADAAG - Americans with Disabilities Act, Accessibility Guidelines.

1.3 SUBMITTALS

- A. Submit under provisions of General and Supplementary Conditions and Division 01 Specifications.
- B. Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Show the following:
 - 1. Dimensioned drawings including plans, elevations, and sections to show locker locations and interfaces with adjacent substrates.
 - 2. Details of assembly, erection, anchorage and clearance requirements.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and finishes.
- E. Qualification Data: For qualified Installer.
- F. Maintenance Data: For adjusting, repairing, and replacing locker doors and latching mechanism to include in maintenance manuals.
- G. Warranty: Sample of special warranty.

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of units required for this Project.
- B. Source Limitations: Obtain metal lockers, locker benches, and accessories from single source from single manufacturer.
- C. Regulatory Requirements: Where metal lockers and benches are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) and Architectural Barriers Act (ABA) Accessibility Guidelines for Buildings and Facilities" and California Building Code.

1.7 PROJECT CONDITIONS

- A. Field Measurements: Verify actual dimensions of recessed openings and raised concrete pad or curbs by field measurements before fabrication.

1.6 COORDINATION

- A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of work specified in other Sections to ensure that metal lockers can be supported and installed as indicated.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Protect locker finish and adjacent surfaces from damage.

1.6 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal lockers that fall in materials or workmanship, excluding finish, within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures.
 - b. Faulty operation of latches and other door hardware.
 - 2. Damage from deliberate destruction and vandalism is excluded.
 - 3. Warranty Period for Knocked-Down Metal Lockers: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis of Design Product: Invincible II Steel lockers by Penco Products, Inc. or comparable product.
- B. Lockers shall be GREENGUARD Gold Certified by UL Environment through the GREENGUARD Certification Program.

2.2 MATERIALS

- A. Steel: Prime grade mild cold-rolled sheet steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A1008.
- B. Steel: Sheet steel components shall be fabricated using zinc-coated steel free from surface imperfection, capable of taking a high-grade enamel finish and in compliance with ASTM A879.
- C. Bolts and Nuts: Zinc plated truss fin head bolts and hex nuts.
- D. Provide only metal lockers fabricated in the United States by a single domestic manufacturer.

2.3 HEAVY DUTY LOCKERS

- A. Heavy Duty Lockers: All locker body components made of cold rolled steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.
1. Lockers with Doors: Penco Invincible II, knock-down lockers, with 6 inch legs (legs are standard).
 2. Lockers with Doors: Penco Invincible II, knock-down lockers, with no legs (no legs are optional).
- B. Locker Body Construction: Steel specially formed for added strength and rigidity and to ensure tight joints at fastening points.
1. Sides, Bottoms, Tops, and Shelves:
 - a. 16 gauge steel.
 - b. **Ventilation: 3/4 inch wide by 1-1 1/2 inch high diamond-shaped perforations.**
 - c. **Solid sides. VENTILATED SIDES OR SOLID SIDES?**
 2. Backs: Solid I8 gauge steel.
 3. Doors:
 - a. 14 gauge steel.
 - b. **Ventilation: 3/4 inch wide by 1-1/2 inch high diamond-shaped perforations.**
 - c. **Solid doors. SEE LOCKER DOORS FOR REQUIRED CLARIFICATION**
 4. Tops and bottoms with three sides formed 90 degrees, the front offset formed to be flush with horizontal frame member.
 5. Shelves with four sides formed to 90 degrees, front edge having a second bend.
 6. Hole spacing in locker body construction: Not exceeding 9 inches.
 7. Two- and three-tier lockers: Intermediate channel-shaped horizontal frame members attached to side frames with mortise and tenon construction, securely welded.
 8. Optional factory assembly of locker bodies using rivets.
- C. Locker Doors: One piece sheet steel.
1. **Multi-Point Latch Doors:** Full channel formation of adequate depth to fully conceal lock bar on lock side, channel formation on hinge side, right angle formations across top and bottom, with holes for attaching number plates.
 2. **Single Point Latch Doors:** 14 gauge door reinforced by a full height 3-1/2 inch wide, I8 gauge vertical pan welded to the top, bottom and hinge side flanges and rear of door skin on 12 inch, 15 inch and 18 inch wide doors. Provide a horizontal pan for doors wider than 18 inches.
 3. **Single Point Latch Doors:** 14 gauge door reinforced by a full I8 gauge inner pan welded to outer door skin on all four sides. **CLARIFY WHICH TYPE**
 - a. **Solid outer door, solid inner pan**
 - b. **Diamond perforated outer, offset diamond perforated inner pan.**
 - c. **3 inch or 6 inch louvered outer door, mini louvered inner pan.**
 - d. **Mini louvered outer, mini louvered inner pan.**
 4. **Doors over 15 inches Wide and 30 inches high:** Provided with 3 inch wide 20 gauge full height reinforcing pan welded to inside face of door at 6 inch centers.
 5. Box Lockers (4 to 9 Tiers): Channel formations on lock and hinge sides; right angle flanges on top and bottom with friction catch door pull.
 6. Provide holes for attaching number plates.
 7. Ventilation:
 - a. Doors 20 inches or higher: 3/4 inch wide by 1-1/2 inch high diamond-shaped

perforations.

- b. **All other doors: 7116 inch wide by 15/16 inch high diamond-shaped perforations.**
- 8. **Ventilation: Provide louvered doors in manufacturer's standard louver pattern.**
- 9. **Ventilation: Provide louvered doors in manufacturer's standard mini-louver pattern, louvers 5/8 inch wide and 1/4 inch high.**
- 10. **Ventilation: Provide fully louvered doors in manufacturer's standard full louver pattern.**
- 11. **No Ventilation: Provide with solid doors.**

D. Hinges:

- I. Hinge: 0.074 inch thick sheet steel, double spun, full loop, tight pin, projection welded to door frame and securely fastened to the door.
 - a. Doors over 48 inches high: Three 2 inch high five-knuckle hinges.
 - b. Doors 24 inches wide by 60 inches or 72 inches High: Four 2 inch high five-knuckle hinges.
 - c. **All other doors: Two 2 inch high five-knuckle hinges.**

- 2. **Continuous Hinges: Continuous piano hinge for the full height of the door.**
CLARIFY KNUCKLE HINGES OR CONTINUOUS HINGE

2.4 **DOOR HANDLES AND LATCHING** **CLARIFY WHAT TYPE OF LATCHING**

A. I, 2 and 3 Tier Lockers:

- I. Single-point latching:
 - a. Recess handle in door.
 - b. Integral Pocket and Pull: 22 gauge brushed stainless steel securely fastened to door with two lugs and a positive tamper-resistant decorative fastener.
 - 1) Pocket Depth: Sufficient to prevent a combination padlock, built-in combination lock, or key lock from protruding beyond door face.
 - 2) Pull: Formed in pocket.
 - 3) Padlock Staple: Protruding through pocket.
 - c. Provide lock hole cover plate for use with padlocks.
 - d. ~~Firmly secure rubber silencers to locker frame.~~

B. I, 2 and 3 Tier Lockers:

- 1. Single-point latching using **double pan door**:
 - a. Recess handle in door.
 - b. Integral Pocket and Pull: 22 gauge brushed stainless steel securely fastened to door with two lugs and a positive tamper-resistant decorative fastener.
 - 1) Pocket Depth: Sufficient to prevent a combination padlock, built-in combination lock, or key lock from protruding beyond door face.
 - 2) Pull: Formed in pocket.
 - 3) Padlock Staple: Protruding through pocket.
 - c. Provide lock hole cover plate for use with padlocks.
 - d. Locking Device: 11 gauge steel hasp welded to locker frame; include surface for engaging the bolt of a built-in combination or key lock and anti-pry lug and slot to deter prying open when locked.
 - e. Firmly secure rubber silencers to locker frame.

2. Single-Point Latching for wrap around/rotary locks:

- a. Recess Handle in door
- b. Integral Pocket and Pull: 22 gauge brushed stainless steel securely fastened to door with two lugs and a positive tamper-resistant decorative fastener.

- 1) Pocket Depth: Sufficient to prevent a combination padlock, built-in combination lock, or key lock from protruding beyond door face.
 - 2) Pull: Formed in pocket.
 - 3) Pocket punched for built-in lock mounting only. Make no provision for padlock use.
- c. Firmly secure rubber silencers to locker frame.
- C. Box Lockers (4 to 9 Tier):
1. Punch doors for use with padlocks or built-in locks.
 2. Equip doors for use with padlocks with an 18 gauge combination door pull, staple, and lock hole cover plate with integral friction catch.
- D. Box Lockers (4 to 9 Tier):
1. Finger-operated 11 gauge steel slam latch in each door with an electrogalvanized trigger and spring contained in a 14 gauge steel case welded to the door.
 2. Weld 13 gauge steel hasp to frame to engage spring latch.
 3. Securely install rubber bumpers in frame.

2.5 INTERIOR EQUIPMENT

- A. ADA-Compliant Lockers (Recessed Handles with Multi-Point Latch):
1. Single Tier Lockers: Hat shelf at maximum 48 inches off the floor for unobstructed forward and side reach.
 2. Locker Compartment Bottom: Minimum of 15 inches off the floor, or an extra shelf placed 15 inches off the floor for unobstructed forward and side reach.
 3. Handicapped symbol attached to door.
 4. Hooks and rods as specified for other lockers.
- B. Athletic Lockers with Doors (Invincible 11):
1. Single-Tier, 48 inches or Higher: Shelf located approximately 9 inches below top of locker.
 2. Openings up to 18 inches deep: Three single-prong wall hooks and one double-prong ceiling hook.
 3. Openings 18 inches or over deep: Three single-prong wall hooks and one coat rod.
 4. Openings 30 inch and 36 inch high: Three single-prong wall hooks and one double prong ceiling hook.
 5. Openings 20 inch and 24 inch high: Three single prong wall hooks.

2.6 ACCESSORIES

- A. Number Plates: Provide each locker with a polished aluminum number plate, 2-1/4 inches wide by 1 inch high, with black numerals not less than 3/8 inch high; attach to face of door with two aluminum rivets.
- B. Closed Bases: 18 gauge closed metal front and end bases, finished to match lockers.
- C. Padlocks: Control-keyed, three-number dialing combination type padlocks; provide control key. Mechanism must be resistant to "shimming".
- D.
- E. Continuous Sloped Hoods: 16 gauge steel, slope rise equal to 1/3 of the locker depth (18.5 degrees), plus a 1 inch vertical rise at front.

1. Supplied in 72 inch lengths only.
 2. Slip joints without visible fasteners at splice locations.
 3. Provide necessary end closures.
 4. Finish to match lockers.
- F. Finished End Panels: Minimum 16 gauge steel formed to match locker depth and height, 1 inch edge dimension; finish to match lockers; install with concealed fasteners.
- G. Front Fillers: 20 gauge steel formed in an angle shape, with 20 gauge slip joint angles formed in an angle shape with double bend on one leg forming a pocket to provide adjustable mating with angle filler.
1. Attachment by means of concealed fasteners.
 2. Finish to match lockers.
- H. Zee Bases for Knock-Down Lockers without legs: 14 gauge, steel flanged outward at top for support of lockers, flanged inward at bottom for anchoring to floor.
1. Height: 4 inches.
 2. Height: 6 inches.
- I. Recess Trim: 18 gauge steel, 3 inch face dimension.
1. Vertical and/or horizontal as required.
 2. Standard lengths as long as practical.
 3. Attach to lockers with concealed clips.
 4. Provide necessary finish caps and splices.
 5. Finish to match lockers.
- J. Benches: Laminated selected hardwood, 1-1/4 inch full finished thickness, comers rounded and sanded, surfaces finished with two coats of clear lacquer.
1. Depth: 9-1/2 inches deep.
 2. Depth: 12 inches deep.
 3. Depth: 24 inches deep.
 4. Lengths: As shown.

WHAT TYPE OF PEDESTAL

- K. **Heavy-Duty Bench Pedestals:** Steel tubing with 11 gauge steel flanges welded to each end, 16-14 inches high, finish to match lockers.
- L. **Stainless Steel Free-Standing Bench Pedestals:** 2-inch diameter brushed 16 gauge stainless steel formed into a trapezoid, 14 inch wide bottom with two 5/16 inch diameter holes, top flange with four 5/16 inch diameter holes for fastening to bench

2.7 FABRICATION

- A. Fabricate lockers square, rigid, without warp, with metal faces flat and free of distortion.
- B. Knock-Down Lockers: Fabricate lockers on the unit principle, each locker with individual door and frame, individual top, bottom, back, and shelves, with common intermediate divisions separating compartments. Verify dimensions and arrangement before fabrication.
- C. Finish: Enamel powder coat paint finish electrostatically applied and properly cured to manufacturer's specifications for optimum performance. Finishes containing volatile organic compounds and subject to out-gassing are not acceptable. Locker exterior and interior shall be painted the same color.
1. Powder Coat - Dry Thickness: 1 to 1.2 mils.

2. Powder Coat Plus - Dry Thickness: 2 to 2.2 mils.
3. Color: As selected from manufacturer's standard colors.
4. **Special Finish** **CLARIFY WHAT TYPE OF SPECIAL FINISH. ALL CANNOT BE APPLIED AND EACH HAS AN UPCHARGE % TO MATERIAL COST**
 - a. Custom color
 - b. Anti-Graffiti
 - c. Anti-Microbial
 - d. TGIC
 - e. Ultra-Weatherable.

PART 3-EXECUTION

3.1 EXAMINATION

- A. Examine walls, floors, and support bases, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work. Do not begin installation until substrates and bases have been properly coordinated and prepared by installer.
- B. Prepare written report, endorsed by Installer, listing conditions detrimental to performance of work.
- C. If substrate and bases are the responsibility of another installer, notify General Contractor and Owner of unsatisfactory preparation before proceeding.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install metal lockers and accessories at locations shown in accordance with manufacturer's instructions and DSA approved drawings.
- B. Install lockers plumb, level, and square, using concealed shims as required.
- C. Anchor lockers to concrete pad, and wall at 48 inches or less, as recommended by the manufacturer, but not more than 36 inches on center. Using concealed fasteners, install anchors through backup reinforcing plates, channels, or blocking as required to prevent metal distortion.
- D. Bolt adjoining locker units together to provide rigid installation.
- E. Install sloping tops and metal fillers using concealed fasteners. Provide flush hairline joints against adjacent surfaces.
- F. Install front bases between legs without overlap or exposed fasteners. Provide end bases for concealed ends.
- G. Install benches by fastening bench tops to pedestals and securely anchoring to the floor using appropriate anchors for the floor material.
- H. Equipment and Accessories: Fit exposed connections of trim fillers, and closures accurately together to form tight, hairline joints, with concealed fasteners and splice plates.
 1. Attach hooks with at least two fasteners.

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DSA SUBMITTAL

2. Identification Plates: Identify metal lockers with identification indicated on shop drawings. Attach plates to each locker door, near top, centered, with at least two aluminum rivets.
- l. Fixed Locker Benches: Provide no fewer than two pedestals for each bench, uniformly spaced not more than 72 inches apart. Securely fasten tops on pedestals to undersides of bench tops, and anchor bases to floor.

3.3 ADJUSTING AND CLEANING

- A. Adjust doors and latches to operate without binding. Verify that latches are operating satisfactorily.
- B. Adjust built-in locks to prevent binding of dial or key and ensure smooth operation prior to substantial completion.
- C. Touch-up with factory-supplied paint and repair or replace damaged products before substantial completion. Replace metal lockers that cannot be restored to factory-finished appearance. Use only materials and procedures recommended and furnished by locker manufacturer.
- D. Clean, lubricate, and adjust hardware. Adjust doors and latches to operate easily without binding.

3.4 PROTECTION

- A. Protect installed products from damage, abuse, dust, stain, paint or use until completion of project.

END OF SECTION