



**Amphitheater Improvements & Concrete Replacement at Morrill MS
Project**

Bid No. B-05-2021-22

April 8, 2022

**BERRYESSA UNION SCHOOL DISTRICT
SAN JOSE, CALIFORNIA**

This Addendum forms a part of the Contract Documents. Bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

SPECIFICATION CLARIFICATIONS:

Item 1: Bid Form (Document 00 41 26):

Revised to include item 5 – Unit Prices

Plan Clarifications

None

Attachments:

Document 00 41 26 Bid Form – Addendum #1

Document 32 31 13 Chain Link Fencing spec – Addendum #1

END OF ADDENDUM 01

DOCUMENT 00 41 26

BID FORM

Berryessa Union School District
1376 Piedmont Rd.
San Jose, CA 95132

Dear Board Members:

The undersigned doing business under the firm name of:

_____ hereby propose and agree to enter into a Contract, to furnish any and all labor, materials, applicable taxes, equipment and services for the completion of Work described hereinafter and in the Contract Documents:

Amphitheater Improvements & Concrete Replacement at Morrill MS
Bid # B-05-2021-22

prepared by: Flatley Design, Planning Management
for the amount of:

1	Amphitheater Improvements – _____ Dollars \$ _____ Amount in Words
2	Concrete Replacement – Area 1 _____ Dollars \$ _____
3	Concrete Replacement – Area 2 _____ Dollars \$ _____
4	Concrete Replacement with AC Paving – Area 3 _____ Dollars \$ _____
5	Concrete Replacement with AC Paving – Area 4 _____ Dollars \$ _____
6	Concrete Replacement – Area 5 _____ Dollars \$ _____
7	Concrete Replacement - Area 6 _____ Dollars \$ _____
8	Concrete Replacement – with AC Paving - Area 7 _____ Dollars \$ _____
9	Project Allowance -Unforeseen Conditions \$ 50,000.00
10	_____ Dollars \$ _____ Total Amount in Words Base Bid (items 1, 2, 3, 4, 5, 6, 7, 8) + Allowance (item 9)

11.1.6.1 ALTERNATE

Alt 1	Amphitheater - Provide all labor & material to construct the retaining wall as shown on the site plan with split-faced concrete masonry units in lieu of poured-in place concrete.	
	Dollars	\$ _____
	Amount in Words	

11.1.6.2 UNIT PRICES

Any and all additional work and/or deductions shall be based on the Unit Prices. DO NOT INCLUDE THE UNIT PRICING IN YOUR BASE BID.

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY.</u>	<u>UNIT</u>	<u>UNIT COST</u>	<u>TOTAL</u>
1.	Seal Coat Existing AC Paving	100	SF	\$ _____	\$ _____
2.	Remove & Replace 2" X 6" Redwood Header board.	100	LF	\$ _____	\$ _____
3.	Remove & Replace PCC Sidewalk – 4".	100	SF	\$ _____	\$ _____
4.	Remove & Replace HMA (Hot Mix Asphalt – 3".	100	SF	\$ _____	\$ _____
5.	Provide & Install 4' High Black Vinyl Coated Chain Link Fencing. Fence Posts & Hardware to be Black	25	LF	\$ _____	\$ _____

11.1.6.3 COURSE-OF-CONSTRUCTION INSURANCE REQUIREMENTS

Contractor, during the progress of the Work and until final acceptance of the Work by Owner upon completion of the entire Contract, shall maintain Builder’s Risk/Course-of-Construction insurance satisfactory to the Owner, issued on a completed value basis on all insurable Work included under the Contract Documents. This insurance shall insure against all risks, including but not limited to the following perils: vandalism, theft, malicious mischief, fire, sprinkler leakage, civil authority, sonic boom, explosion, collapse, flood, earthquake (for projects not solely funded through revenue bonds, limited to earthquakes equivalent to or under 3.5 on the Richter Scale in magnitude), wind, hail, lightning, smoke, riot or civil commotion, debris removal (including demolition) and reasonable compensation for the Architect’s services and expenses required as a result of such insured loss. This insurance shall provide coverage in an amount not less than the full cost to repair, replace or reconstruct the Work. Such insurance shall include the

Owner, the Architect, and any other person or entity with an insurable interest in the Work as an additional named insured.

The Contractor shall submit to the Owner for its approval all items deemed to be uninsurable under the Builder's Risk/Course-of Construction insurance. The risk of the damage to the Work due to the perils covered by the Builder's Risk/Course-of-Construction insurance, as well as any other hazard which might result in damage to the Work, is that of the Contractor and the surety, and no claims for such loss or damage shall be recognized by the Owner, nor will such loss or damage excuse the complete and satisfactory performance of the Contract by the Contractor.

If written notice of the Award of Contract is mailed, faxed, or delivered to the undersigned at any time before this bid is withdrawn, the undersigned shall, within ten (10) days after the date of such mailing, faxing, or delivering of such notice, execute and deliver an agreement in the form of agreement present in these Contract Documents and give Performance and Payment Bonds in accordance with the specifications and bid as accepted.

The undersigned hereby designates as the office to which such Notice of Award of Contract may be mailed, faxed, or delivered:

Our Public Liability and Property Damage Insurance is placed with:

Our Workers' Compensation Insurance is placed with:

Circular letters, bulletins, addenda, etc., bound with the specifications or issued during the time of bidding are included in the bid, and, in completing the Contract, they are to become a part thereof.

The receipt of the following addenda to the specifications is acknowledged:

Addendum No. _____ Date _____ Addendum No. _____ Date _____

Addendum No. _____ Date _____ Addendum No. _____ Date _____

This bid may be withdrawn at any time prior to the scheduled time for the opening of bids or any authorized postponement thereof.

A bidder shall not submit a bid unless the bidder's California contractor's license number appears clearly on the bid, the license expiration date and class are stated, and the bid contains a statement that the representations made therein are made under penalty of perjury. Any bid submitted by a contractor who is not licensed pursuant to Business and Professions Code section 7028.15 shall be considered nonresponsive and shall be rejected. Any bid not containing the above information may be considered nonresponsive and may be rejected.

NOTE: Each bid must give the full business address of the bidder and be signed by bidder with bidder's usual signature. Bids by partnerships must furnish the full name of all partners and must be signed in the partnership name by a general partner with authority to bind the partnership in such matters, followed by the signature and designation of the person signing. The name of the person signing shall also be typed or printed below the signature. Bids by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation and by the signature and designation of the chairman of the board, president or any vice president, and then followed by a second signature by the secretary, assistant secretary, the chief financial officer or assistant treasurer. All persons signing must be authorized to bind the corporation in the matter. The name of each person signing shall also be typed or printed below the signature. Satisfactory evidence of the authority of the officer signing on behalf of a corporation shall be furnished.

The undersigned declares under penalty of perjury under the laws of the State of California that the representations made in this bid are true and correct.

Print or Type Name: _____

Title: _____

Name of Company as Licensed: _____

Business Address: _____

Telephone Number: _____

California Contractor License No.: _____

Class and Expiration Date: _____

State of Incorporation, if Applicable: _____

() Evidence of authority to bind corporation is attached.

Dated: _____, _____

Signed: _____

END OF DOCUMENT

CHAIN LINK FENCES AND GATES**PART 1 – GENERAL****1.01 SECTION INCLUDES**

- A. Fencing and gate materials.
- B. Concrete.
- C. Fence and gate installation.
- D. Electrical grounding.

1.02 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. ASTM A53/A53M Standard Specification for Pipe, Steel, Black and Hot-1 Dipped, Zinc-Coated, Welded and Seamless
 - 2. ASTM A121 Standard Specification for Metallic-Coated Carbon Steel Barbed Wire
 - 3. ASTM A123/A123M Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products
 - 4. ASTM A153/A153M Standard Specification for Zinc-Coating (Hot-Dip) on Iron and Steel Hardware
 - 5. ASTM A392 Standard Specification for Zinc-Coated Steel Chain Link Fence Fabric
 - 6. ASTM A491 Standard Specification for Aluminum-Coated Steel Chain Link Fence Fabric
 - 7. ASTM A824 Standard Specification for Metallic-Coated Steel Marcellled Tension Wire for Use with Chain Link Fence
 - 8. ASTM B117 Standard Practice for Operating Salt Spray (Fog) Apparatus
 - 9. ASTM F567 Standard Practice for Installation of Chain Link Fence
 - 10. ASTM F626 Standard Specification for Fence Fittings
 - 11. ASTM F668 Standard Specification for Polyvinyl Chloride (PVC), Polyolefin and other Polymer Coated Steel Chain Link Fence Fabric

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|-----------------------|--|
| 12. ASTM F900 | Standard Specification for Industrial and Commercial Swing Gates |
| 13. ASTM F934 | Standard Specification for Standard Colors for Polymer-Coated Chain Link Fence Material |
| 14. ASTM F1083 | Standard Specification for Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures |
| 15. ASTM A653/A653M | Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process |
| 16. 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 |
| 17. ASTM F1184 | Standard Specification for Industrial and Commercial Horizontal Slide Gates |
| 18. ASTM F3000/F3000M | Standard Specification for Polymer Privacy Insert Slats for Chain Link Fabric and Privacy Chain Link Fabric Manufactured Containing Pre-Installed Privacy Slats |

1.03 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and specifications of the specified chain link fencing and gates.
- B. Shop Drawings: Submit detailed Shop Drawings of the fences and gates layout, including installation details of the fencing, posts, gates, hardware, and accessories for review.
- C. Samples: If PVC-coated fencing is indicated or specified, submit manufacturer's color chart of available colors and physical sample of selected color.

PART 2 – PRODUCTS

2.01 MATERIALS

- A. Requirements: Fencing shall include fabric covering, framework, concrete footings, gates, hardware, and all appurtenances and accessories as required for a complete installation. Heights of fences shall be as indicated in Contract Documents. When not indicated, line fencing, shops and yard fencing shall conform with the Area Fence Standards specified herein in Article 1.03.
- B. Fence Fabric:
 - 1. Zinc-coated steel fabric conforming to ASTM A392 with Class 2 coating. Mesh size one-inch square fabricated No. 9 gauge wire unless otherwise specified in the Contract Documents.

- a. The Contractor may furnish aluminum-coated steel fence fabric conforming to ASTM A491, with one-inch square mesh size fabricated No. 9 gauge wire unless otherwise specified in the Contract Documents.
 2. PVC-coated in accordance with ASTM F668. Class 1, Class 2a, and Class 2b wire and fabric types are acceptable. Mesh size one-inch square fabricated No. 9 gauge wire unless otherwise specified in the Contract Documents. Color shall be as selected by the Engineer from manufacturer's standards, as specified in ASTM F934.
 3. Mesh size two-inch square, with colored plastic slats inserted vertically through the mesh pattern. Plastic slats shall have privacy factor of 75 percent, be ultra-violet (UV) resistant, have a minimum warranty of 15 years, be double-walled, self-locking, and made of high density polyethylene (HDPE) with minimum strength of 4000 pounds per square inch or other plastic if approved by the Engineer. Plastic slats shall meet ASTM F3000/F3000M designations. Slats shall be one piece, full height of fence fabric.
 4. Selvages: Twisted and barbed at top and bottom selvages when barbed wire is used; knuckled at both selvages when barbed wire is not used; unless otherwise indicated.
- C. Post and rails shall be vinyl-clad steel with color-coated EMV (epoxy modified polyvinyl chloride) chemically bonded to heated standard weight ASTM F1083 galvanized steel pipe, as specified, by electrostatically applied powder coating process. Protective vinyl coating thickness shall be 10 to 14 mils, according to pipe diameter. Pipe vinyl coating shall have the following properties: specific gravity of 1.32 to 1.37; tensile strength of 2,000 pounds per square inch; minimum elongation of 180 percent; tear strength at 15 mils -0.36 pounds per mil; hardness of coating of 87 to 92 Shore A Durometer. Color shall match fence fabric color. Sizes and weights shall be as specified.
- D. Tension Wire: Tension wire for top and bottom edge support of fence fabric shall be No. 7 gauge marcelled wire, conforming to ASTM A824, Type II Zinc-Coated Class 5-2.0 oz/sf with minimum tensile strength of 80,000 pounds per square inch. For type VCL fencing, provide tension wire coated with PVC, matching fence fabric in color.
- E. Post Caps and Fittings: Manufacturer's standard, pressed steel or malleable iron post caps, fittings, and accessories, meeting requirements of ASTM F626 and Federal Specification RR-F-191/4F, galvanized and PVC coating by the thermal-fusion-bond process, in color matching posts. Post caps shall be designed to fit securely over the posts to exclude water and to carry the top pipe rail and extension arms, where indicated. All other required fittings and hardware shall be provided to fasten to the pipe posts or concrete in the manner indicated.
- F. Truss Rod Assembly: In compliance with ASTM F626, 3/8 inch diameter steel truss rod with a pressed steel tightener or self-tightening turnbuckle, minimum zinc coating of 1.2 ounce per square foot, assembly capable of withstanding a tension of 2,000 pounds. Truss tightener must have a strap thickness of at least 1/4 inch.
- G. Tension Bars: In compliance with ASTM F626. Galvanized steel one-piece length 2 inch less than the fabric height. Minimum zinc coating 1.2 ounce per square foot.

1. Bars for mesh size 2-inch square shall have a minimum cross section of 3/16 inch by 3/4 inch.
 2. Bars for mesh size 1-inch square shall have a cross section of 3/16 inch by 3/8 inch.
- H. Tension and Brace Bands: Galvanized pressed steel complying with ASTM F626 with a minimum steel thickness of 12 gauge (0.105 inch), minimum width of 3/4 inch, and minimum zinc coating of 1.20 ounce per square foot. Tension bands shall be spaced not greater than 12 inches on center.
- I. Accessories: Provide miscellaneous materials and accessories, clips, tie wires (9 gauge), anchors, eye bolts, hog rings, and fasteners as required for a complete installation. All items shall be galvanized in accordance with ASTM A123/A123M or ASTM A153/A153M as applicable. Accessories for Type VCL fencing shall be vinyl-coated or painted to match color of fence fabric.
- J. Barbed Wire Extension Arms: Pressed steel conforming to ASTM A653/A653M, hot-dip galvanized after fabrication, minimum zinc coating of 1.2 ounce per square foot, capable of supporting a vertical 250 lb load, complete with provision for anchorage to end, corner, and pull posts and for attaching three rows of barbed wire to each arm. Arms shall be 45-degree angle or vertical as indicated, for three strands of barbed wire. Arms shall be integral with post top weather cap. Intermediate arms shall have hole for passage of top tension wire. Arms shall be capable of withstanding 250 pounds downward pull at outermost end of arm without failure. Arms for Type VCL fencing shall be vinyl-coated or painted to match color of fence fabric.
- K. Barbed Wire: Three-strand, zinc-coated, 12-1/2 gauge steel wire with 14 gauge, four-point steel barbs spaced 5 inches apart, conforming to ASTM A121. Zinc coating shall be Class 3, 0.80 ounce per square foot for 12-1/2 gauge wire and 0.65 ounce per square foot for 14-gauge wire.
- L. Gates: Gates shall be swinging type or sliding type as indicated, furnished complete with all hardware and accessories as required for a complete installation.
1. Gate Frames: Frames shall be fabricated from zinc-coated steel pipe members (to match posts in Type CL and RP fencing). Sizes shall be specified in the Civil Standard Drawing CS01 Chain Link Fence or as indicated.
 2. Fabrication: Conform to applicable requirements of ASTM F900, Federal Specification RR-F-191/2E, and the following:
 - a. Assemble gate frames by welding or with fittings and rivets for rigid connections. Use same fabric as for fence. Install fabric with stretcher bars at vertical edges, and tie wires at top and bottom edges. Attach stretcher bars to gate frame at not more than 15 inches on center. Attach hardware with rivets or by other means that will provide security against removal or breakage.
 - b. Provide additional horizontal and vertical members to ensure proper gate operation and for attachment of fabric, hardware, and accessories.
 - c. Provide diagonal cross bracing consisting of minimum 3/8 inch diameter adjustable length truss rods on gates where necessary to provide frame rigidity without sag or twist.

- d. For Type VCL fencing, gate components shall be PVC-coated or painted in color matching fence fabric.
 - e. For pre-engineered gates, stamped and signed calculations shall be provided by the manufacturer to verify gate design is adequate.
3. Gate Hardware:
- a. Swinging Gates:
 - 1) Provide gate hinges, latch, stop, and keeper for each gate leaf, conforming to applicable requirements of ASTM F900 and Federal Specification RR-F-191/2E. Provide latch with provision for locking gate with padlock. If locking provisions include chain, chain shall be hardened steel chain, bolt cutter resistant, tested to at least 9 tonnes of cutting force unless otherwise specified in Contract Drawings.
 - 2) Gate hinges shall be of adequate strength for the gate, and shall have large bearing surfaces for clamping or bolting in position. Hinge action shall be such that gates may be easily opened and closed by one person. Hinges shall provide for full 180 degree swing of gate leaf. Hinges shall be tack welded to post and gate after adjustment.
 - b. Sliding Gates:
 - 1) Provide manufacturer's standard rubber-tired rollers and roller track for floor-supported sliding gates, conforming to applicable requirements of ASTM F1184. Include intermediate rollers or casters where required to prevent gate sag or deflection.
 - 2) Provide locking device and padlock eyes as part of latch for locking gate with padlock.
 - 3) Bottom of gate shall be guarded by a skirt around wheels and cantilever supports to maintain maximum allowable clearance under gate and around gate sides.
 - c. Padlocks to be furnished by the District.
- M. Pipe Sleeves: Pipe sleeves for fence post embedment in concrete curbs, barriers, and walls shall be fabricated from steel pipe conforming to ASTM A53/A53M and galvanized in accordance with ASTM A123/A123M, sized to receive and support fence posts.

2.02 CONCRETE

- A. Provide concrete footings for fence posts under this Section. Concrete for posts shall have a minimum compressive strength at 28 days of 3,000 pounds per square inch, using one-inch maximum size aggregate and five sacks of cement minimum per cubic yard, with a maximum slump of four inches. Concrete and grout materials, placing, and curing shall conform to the applicable requirements of Section 03 30 00, Cast-In-Place Concrete.

PART 3 – EXECUTION

3.01 PREPARATION

- A. Installation of fencing shall not be started until final grading has been completed.
- B. Locate fencing correctly as indicated.
- C. Where posts are indicated or required to be embedded or set in concrete curbs, traffic barriers, or retaining walls, coordinate the installation of fencing closely with the installation of concrete as specified under Division 3 Concrete.
- D. Furnish galvanized steel pipe sleeves for fence posts, as applicable, for installation in formwork at time required. Supervise installation of sleeves during formwork and placing of concrete to maintain exact dimensions according to template.

3.02 INSTALLATION

- A. Install fencing and gates as indicated, in accordance with approved Shop Drawings, and applicable requirements of ASTM F567 and CLFMI Standards for Chain Link Fence Installation. Site fabricate as required to complete the fence installation.
- B. Posts shall be plumb and rigid after installation. Gap between post and adjacent infrastructure shall be less than 2 inches. Rails shall be straight and tight. Chain link fabric shall be smooth and uniformly stretched tight and straight. Tension wires and barbed wires shall be pulled taut. Fabric shall be secured to the line post with tie wires spaced no greater than 12 inches on center and to rail spaced no greater than 18 inches on center. Turn ends of tie wire two-360 degree wraps around fabric. Tip to tie wire shall face away from public. Secure fabric to the tension wire with hog rings spaced no greater than 18 inches apart. Slats in Type RP fence shall be straight and plumb.
- C. Drill holes for post footings in firm, undisturbed or compacted soil. Footing holes shall be not less than required dimensions of post footings per approved design. Excavate deeper as required for adequate support in soft and loose soils, and for posts with heavy lateral loads.
- D. Where posts are indicated or required to be embedded or set in concrete curbs, traffic barriers, or retaining walls, grout or seal posts in sleeves as indicated.
- E. Gates shall be installed plumb, level, and secure for full opening without interference. Install ground-set items in concrete for anchorage as recommended by the fence manufacturer. Adjust hardware for smooth operation and lubricate. Sliding gates shall operate smoothly and easily under minimum pressure.
- F. Locate and install safety and restriction signs securely as indicated on the Contract Drawings.
- G. Locate and install safety and restriction signs securely as indicated on the Contract Drawings.
- H. Welds shall be protected by applying zinc rich paint in accordance with ASTM practice A780.

3.03 CONCRETE

- A. Handling and placing of concrete shall conform to the applicable requirements of

Section 03 30 00, Cast-In-Place Concrete.

- B. Place concrete around posts in a continuous pour. Check each post for plumb and vertical and top alignment, and hold in position during placement and finishing operations.
- C. Trowel finish tops of footings, and slope or dome to direct water away from posts. Set keepers, stops, sleeves, tracks, eye bolts, and other accessories into concrete as required. Wheel rolling area for sliding gates shall be steel-trowel smooth finish concrete.

3.04 ELECTRICAL GROUNDING (Not Required)

- A. Ground fences and gates and perform other electrical grounding as indicated. Coordinate with the requirements of Section 26 05 26, Grounding and Bonding for Electrical Systems.
- B. Install grounding material and access boxes in secure side of fences and gates.
- C. Ground well boxes shall be in accordance with Section 34 21 60, Grounding and Bonding for Traction Power Facilities.

END OF SECTION 32 31 13