ADDENDUM 3

BID NO. 25.26.1182
ROOF REMOVAL AND REPLACEMENT

This Addendum modifies the original Bid Document dated March 25, 2026, and Addendum No. 3 dated April 22, 2026, as indicated herein. All addenda must be acknowledged in the designated space on the **BID FORM/SIGNATURE PAGE**. Failure to do so will render the bid non-responsive. Please note that the Bid Deadline has been revised to Tuesday, April 28, 2026, 2:00 p.m.

***REVISED* BID DEADLINE: Tuesday, April 28, 2026, 2:00 p.m.**

1. **The specifications do not clearly note if the insulation cover board is to be included in the sheet metal scope. Can you confirm whether we are to include it? If the insulation board is to be included, can you also provide the thickness?**

   ANSWER: *There is no insulation required. The reference to insulation is a typo. The scope includes only underlayment and metal panels. Please see* ***Attachments A & B****.*

Interested parties may request the virtual bid opening link by emailing Bids@sbcss.net

The virtual bid opening will take place promptly at 2:15 p.m. on Tuesday, April 28, 2026. Bids must be submitted no later than 2:00 p.m. on April 28, 2026, and will be publicly read aloud via Zoom at 2:15 p.m.

ATTACHMENT A

SECTION 07410
METAL ROOF PANELS

-SPECIFICATIONS-

PART 1 GENERAL

1.1 SECTION INCLUDES
- A. Standing seam metal roofing system.
- B. Metal roofing accessories.

1.2 SCOPE OF WORK
1. Remove existing roofing system down to decking and dispose of properly.
2. Replace any damaged decking or fascia with like kind.
3. Install new SA metal underlayment ~~over insulation board.~~
4. Install new metal roofing system over substrate per shop drawings.
5. Replace existing gutters new gutters as indicated during job walk. Include gutter guard.

1.3 REFERENCES
- A. ASCE 7 - Minimum Design Loads for Buildings and Other Structures.
- B. FM 4470 Approval Standard for Class 1 Panel Roofs.
- C. FM 4471 - Class 1 Panel Roof; Factory Mutual Research Corporation.
- D. UL 263 - Fire Tests of Building Constructions and Materials.
- E. UL 580 - Standard for Tests for Uplift Resistance of Roof Assemblies.
- F. UL 790 - Standard Test Methods for Fire Tests of Roof Coverings.
- G. UL 1897 - Uplift Test for Roof Covering Systems.
- H. ICC-ES AC166 - Test Procedure for Wind Driven Rain Resistance of Metal Roof Coverings.
- I. SMACNA - Architectural Sheet Metal Manual.
- J. National Coil Coating Association (NCCA)
- K. NRCA - The NRCA Roofing and Waterproofing Manual.

1.4 DESIGN / PERFORMANCE REQUIREMENTS

A. Standing Seam Roofing System: R-Mer Shield

1. Thermal Expansion and Contraction:
   - a. Completed metal roofing and flashing system shall be capable of withstanding expansion and contraction of components caused by changes in temperature without buckling, producing excess stress on structure, anchors or fasteners, or reducing performance ability.
   - b. Design temperature differential shall be not less then 200 degrees F.
   - c. Interface between panel and toprail/clip shall provide for unlimited thermal movement in each direction along the longitudinal direction.
   - d. Location of metal roofing rigid connector shall be at roof ridge unless otherwise approved by the manufacturer. Metal ridge connector may require design as per job conditions by specified manufacturer.
2. Uniform Wind Load Capacity:

   a. Installed roof system shall withstand negative (uplift) design wind loading pressures complying with the following criteria.
      1) Design Code: ASCE 7, Method 2 for Components and Cladding.
      2) Safety Factor: 1.67 after any load reduction or material stress increase.
      3) Category III Building with an Importance Factor of 1 .
      4) Wind Speed: 105 mph.
      5) Ultimate Pullout Value: 633 pounds per each of the two fasteners holding the panel anchor to the roof decking or framing system.

6) Exposure Category: C

b. ASTM E 1592: Capacity shall be determined using pleated airbag method in accordance with ASTM E 1592, testing of sheet metal roof panels. Allowable safe working loads shall be determined by dividing the ultimate test load by the safety factor specified above.

3. Uniform Positive Load Capacity.
   a. Installed roof system shall be capable of resisting the following positive uniform roof loads: Roof Live Load of 20 psf;
   b. Dead Load: Loading of the roof structure, due to tear off of existing, and/or installation of new roofing materials shall not exceed the present loading due to weight of the existing roofing system.
4. ASTM E 1680: Static pressure air infiltration (roof panels):
   a. Pressure Leakage Rate:
      1) 1.57 PSF 0.034 cfm/sq.ft.
      2) 6.24 PSF 0.048 cfm/sq.ft.
      3) 12.0 PSF 0.051 cfm/sq.ft.
      4) 20.0 PSF 0.010 cfm/sq.ft.
5. ASTM E 1646: Static pressure water infiltration (roof panels):
   a. Pressure Result:
      1) 5 Gal. /Hr. per S.F. and Static No Leakage
      2) Pressure of 12.0 Psf for 15 minutes
6. Capacities for gauge, span or loading other than those tested may be determined by interpolation of test results within the range of test data. Extrapolations for conditions outside test range are not acceptable.

1.5 SUBMITTALS

A. Submit under provisions of Section 01300.
B. Product Data: Submit product data, test reports, and certifications in accordance with quality assurance and performance requirements specified herein.
C. Design Loads: Submit manufacturer's minimum design load calculations according to ASCE 7, Method 2 for Components and Cladding. In no case shall the design loads be taken to be less than those specified herein.
D. Shop Drawings: Prepared specifically for this project; showing dimensions of metal roofing and accessories, fastening details and connections and interface with other products.
E. Selection Samples: For each finish product specified, two complete sets of samples representing manufacturer's full range of available colors and textures.
F. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and textures.
G. Warranty Sample: Provide unexecuted copy of 40 -Year NDL Warranty.
H. Applicator Qualifications: Submit manufacturer's written acceptance of applicator stating contractor is qualified to install system and receive specified warranty.
I. Manufactures Inspections: Provide letter from corporate officer of manufacture stating intent to provide inspections (3) per week, during project as outlined in section 3.4 "Field Quality Control".
J. Manufacturer's Certificates: Certify products meet or exceed specified requirements.

K. Closeout Submittals:
   1. Provide manufacturer's maintenance instructions that include recommendations for periodic checking and maintenance of installed roof system.
   2. Provide executed copy of manufacturer's warranty.

1.6 QUALITY ASSURANCE

A. Manufacturer Qualifications: Manufacturer shall have in place a documented, standardized quality control program such as ISO-9001 approval.
B. Installer Qualifications: Certified and approved installer of the sheet metal roofing manufacturer.
C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
   1. Finish areas designated by Architect.
   2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
   3. Refinish mock-up area as required to produce acceptable work.

1.7 PRE-INSTALLATION CONFERENCE

A. Convene a pre-roofing conference approximately two weeks before scheduled commencement of roofing system installation and associated work.
B. Require attendance of installers of deck or substrate construction to receive roofing, installers of rooftop units and other work in and around roofing which must precede or follow roofing work including mechanical work, Architect, Owner, roofing system manufacturer's representative.
C. Objectives include:
    1. Review foreseeable methods and procedures related to roofing work, including set up and mobilization areas for stored material and work area.
    2. Tour representative areas of roofing substrates, inspect and discuss condition of substrate, roof drains, curbs, penetrations and other preparatory work.
    3. Review structural loading limitations of deck and inspect deck for loss of flatness and for required attachment.
    4. Review roofing system requirements, Drawings, Specifications and other Contract Documents.
    5. Review and finalize schedule related to roofing work and verify availability of materials, installer's personnel, equipment and facilities needed to make progress and avoid delays.
    6. Review required inspection, testing, certifying procedures.
    7. Review weather and forecasted weather conditions and procedures for coping with unfavorable conditions, including possibility of temporary roofing.
    8. Record conference including decisions and agreements reached. Furnish a copy of records to each party attending.

1.8 DELIVERY, STORAGE, AND HANDLING
A. Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
B. Store materials protected from exposure to harmful environmental conditions and at temperature and humidity conditions recommended by the manufacturer.
    1. Store materials above ground, on skids.
    2. Protect material with waterproof covering and allow sufficient ventilation to prevent condensation buildup or moisture entrapment on the materials.

1.9 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.10 WARRANTY

A. Warranty: Upon completion of the work, provide the Manufacturer's written and signed NDL System Warranty, warranting that, if a leak develops in the roof during the term of this warranty, due either to defective material or defective workmanship by the installer, the manufacturer shall provide the Owner, at the Manufacturer's expense, with the labor and material necessary to return the defective area to a watertight condition including Garland Metal Components.

B. Warranty Terms
    1. 40-year, No Dollar Limit, Warranty.
    2. Provide installers 5-year warranty covering roofing system installation and water-tightness.

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Garland Company, Inc. (The), which is located at: 3800 E. 91st St.; Cleveland, OH 44105; Toll Free Tel: 800-321-9336; Tel: 216-641-7500; Fax: 216-641-0633 or equal.

2.2 STANDING SEAM METAL ROOFING
A. R-Mer Shield:
    1. Width of Standing Seam Panel:
        a. 16-3/4 inches.
    2. Standing Seam: 2-1/16 inch tall mechanically seamed with factory installed hot melt sealant in-seam cap. Panel/Cap is configured with a total of 4 layers of metal surrounding anchor clip and top rail.
    3. Panel Profile: Provided with minimum 1-1/2 inches wide elevated mesa's every 2 inches on center

continuous throughout panel. Stiffening ribs shall also be located in flat of panel next to the standing seam legs. Panel profile shall be symmetric in shape.
   a. Slope: Open Purlins or Solid Substrate down to 1/4:12.
4. Panel material:
   a. Galvanized steel 22 gauge, G90, smooth as per ASTM A 653.
5. Flashing and flat stock material: Fabricate in profiles indicated on Drawings of same material, thickness, and finish as roof system, unless indicated otherwise.
6. Coated Finish:
   a. Exposed surfaces for coated panels:
   b. Unexposed surfaces for coated panels shall be baked-on polyester coating with .20 to .30 dry film thickness (TDF).
7. Accessory Components:
   a. Anchor Clips:
      1) Concealed Standard Anchor Clips: Clips must be extruded aluminum ONE (1) piece clip with projecting legs for additional panel alignment and provision for unlimited thermal movement in each direction along the longitudinal dimension.
      2) Top Rail shall be snap-in-place extruded aluminum retainer. The top rail shall be used as a 6 inch length aligned with each panel clip, or in continuous lengths spanning one or more wind uplift zones, as required by the manufacturer's testing data and project engineering calculations.
         a) Two piece clips are unacceptable.
         b) Sealant applied in panel cap must be isolated from clip to ensure that no sealant damage occurs from the movement of the panel during expansion and contraction.
         c) Clip must maintain a clearance of a minimum of 1/2 inch between panel and substrate for proper ventilation to help prevent condensation on underside of panel and eliminate the contact of panel fastener head to panel.
   b. Fasteners:
      1) Concealed fasteners: Corrosion resistant steel fasteners (zinc plated, stainless steel or equal) designed to meet structural loading requirements.
      2) Exposed fasteners: Series 410 stainless steel fasteners or 1/8 inch diameter stainless steel waterproof rivets. All exposed fasteners shall be factory painted to match the color of the standing seam panels.
   c. Closures: Factory precut closed cell foam meeting ASTM D 1056 or ASTM D 3575, enclosed in metal channel matching panels when used at hip, ridge, rake, and jamb.
   d. Provide all miscellaneous accessories for complete installation.

2.3 METAL ROOFING ACCESSORIES

A. R-Mer SS Sheet Stock: High gloss, factory painted aluminum
   1. Material and Thickness:
      a. 22-gauge steel
   2. Color: TBD by Owner.

PART 3 EXECUTION

3.1 EXAMINATION
A. Examine surfaces to receive metal roofing. Notify the Architect in writing of any defective conditions encountered. Starting of work shall constitute acceptance of such conditions.
B. Structural Framing Substrate:
   1. Verify primary and secondary framing members are installed and fastened, properly aligned and sloped.
   2. Verify damaged shop coatings are repaired with touch up paint.
C. Verify roof openings, curbs, pipes, sleeves, ducts, or vents through roof are solidly set, reglets are in place, and nailing strips located.
D. Correct defective conditions before beginning work.

3.2 INSTALLATION
A. Install in conformance with the NRCA Roofing and Waterproofing Manual and Manufacturers installation requirements.

B. Form panel shape as indicated on Drawings, accurate in size, square, and free from distortion or defects.
C. Install underlayment and eave protection sheet underlayment as recommended by the Manufacturer.
D. Install all panels continuous from ridge to eave. Transverse seams are not permitted.
E. Panel lengths that exceed maximum shipping lengths shall be field rolled on equipment owned by the panel manufacturer. Seam sealant must be factory applied.
F. Exposed fasteners, screws and/or roof mastic are unacceptable and will be rejected. System configuration only allows for exposed fasteners at panel overlap, if required, and at trim details in accordance with the Manufacturer's requirements.
G. Where not otherwise indicated conform to SMACNA details including flashings and trim.
H. Install sealants where indicated to clean dry surfaces only without skips or voids.
I. Install metal edge treatment in accordance with the manufacturer's instructions and the approved shop drawings.
J. Install metal roofing accessories in accordance with the manufacturer's instructions and the approved shop drawings.

3.3 PROTECTION
1. Protect installed products until completion of project.
2. Touch-up, repair or replace damaged products before Substantial Completion.

3.4 FIELD QUALITY CONTROL
A. Inspection: Provide manufacturer's field observations (3) days per week. Provide a final inspection upon completion of the Work.

1. Warranty shall be issued upon manufacturer's acceptance of the installation.
2. Field observations shall be performed by a Sales Representative employed full-time by the manufacturer and whose primary job description is to assist, inspect and approve membrane installations for the manufacturer.
3. Provide observation reports from the Sales Representative indicating procedures followed, weather conditions and any discrepancies found during inspection.
4. Provide a final report from the Sales Representative, certifying that the roofing system has been satisfactorily installed according to the project specifications, approved details and good general roofing practice.

END OF SECTION

ATTACHMENT B

BID NO. 25.26.1182
ROOF REMOVAL AND REPLACEMENT
[MT. BALDY]

Event	Details	Date	Time (PST)
1st Publication – Bid Advertisement	The Sun Newspaper	March 25, 2026	
2nd Publication – Bid Advertisement	The Sun Newspaper	April 1, 2026	
MANDATORY SITE WALK	**Mt. Baldy Joint Unified SD** 1 Mount Baldy Road, Mt. Baldy, CA 91759	**Tuesday,** **April 7, 2026**	**9:00 am**
Last day to submit RFI/ Questions for Clarification or Explanations	E-mail to: Bids@sbcss.net	April 10, 2026	2:00 pm
Response to RFI/Questions for Clarification	Addenda posted to SBCSS Procurement page Bids - Upcoming (sbcss.k12.ca.us)	April 14, 2026	
BIDS DUE	**San Bernardino County Superintendent of Schools** Attn: Front Desk Receptionist 760 East Brier Drive San Bernardino, CA 92408	~~**Wednesday,**~~ ~~**April 22, 2026**~~ **TUESDAY,** **APRIL 28, 2026**	~~**NO LATER THAN**~~ ~~**3:00 pm**~~ ~~Virtual Opening at 3:15 pm~~ **NO LATER THAN** **2:00 pm** Virtual Opening at 2:15 pm