

MADERA UNIFIED SCHOOL DISTRICT
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February 25, 2021

Addendum No.1 Bid No. 012921-Roof Coating Projects at Multiple School Sites

NOTICE TO ALL VENDORS:

This Addendum is attached to and made a part of the above-entitled specifications for Madera Unified School District for **Bid No. 012521-012921-Roof Coating Projects at Multiple School Sites**, with a due date of March 9 2021 @ 10:01 am

All changes and/or clarifications will appear in bold type and deletions will be struck out within a sentence.
Questions/Clarifications:

Clarifications:

Additions to Bid Packet

Attached Please find:

Section 01110-Summary of Work, this is to be added to the contract documents

Attached Please Find:

Document No.00400-Contractors Certificate Regarding Workers Compensation (form needs to be submitted with Bid Documents)

Attached Please Find Undated:

Document No.00470 –Contractor & Subcontractor Fingerprinting Requirements (form needs to be submitted with Bid Documents)

Date_____

Signature_____

SECTION 01110
SUMMARY OF WORK

PART 1 — GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including the Conditions of the Contract and Division 01 Specification Sections apply to this Section.

1.2 SUMMARY

- A. Section includes roofing restoration as well as includes removal and disposal of the specified existing roofing systems, coping, insulation, flashings, and all construction related debris. Installation of a new modified bituminous roofing system as specified with all applicable details for a complete watertight warranted roofing assembly per the manufacturers instructions.
- B. Materials specified in section 01 64 00 Owner Furnished Contractor Installed (O.F.C.I.) will be the responsibility of the contractor to receive, store, protect, and maintain in good condition throughout the course of the project.
- C. Related Work Specified Elsewhere:
 - 1. Section 01 - Owner Furnished Contractor Installed
 - 2. Section 06 - Rough Carpentry
 - 3. Section 07: Modified Built-up Roofing
 - 4. Section 07: Roofing Restoration
 - 5. Section 07: Coping System
 - 6. Section 07: Sheet Metal Flashing and Trim

1.3 WORK COVERED BY CONTRACT DOCUMENTS

- A. Project Identification: Sierra Vista ES & Howard ES Roofing Project
- B. Project Locations:
 - a. Sierra Vista Elementary School 917 E. Olive Ave. Madera, CA 93638
 - b. Howard Elementary School 13878 Road 21 1/2 Madera, CA 93637
- C. Owner: Madera Unified School District 1205 S. Madera Ave. Madera, CA 93637
- D. General scope of work but not limited to;
 - 1. **Sierra Vista Elementary School:**
 - 2. Building's C & J per the attached site map will include a complete removal and replacement per the scope of work below.
 - 3. Includes removal and disposal of existing roofing system(s), insulation board, gutters, flashings, copings, etc. for a complete prepared roof surface.
 - 4. Install one layer of HPR Glasbase separation sheet over the wood deck.

5. Install one layer of 1/2" wood fiber 6 side primed insulation board with screws and plates per ASCE 7-10 wind uplift calculations.
6. Install 4lb lead flashings with factory lead top counter-flashing. All electrical penetrations are to have a lead bonnet banded and caulked.
7. Install one layer of Stressbase 80 ply sheet in specified adhesive, trim all T joints.
8. Install new 24 gauge pre-finished 1/4" low rise gravel stop with 22 gauge cleat.
9. Install new 24 gauge pre-finished gutter and downspouts.
10. Install new 24 gauge pre-finished coping at the rake ends.
11. Install one layer of Stressply Plus FR Mineral cap sheet in specified adhesive, trim all T joints.
12. Install Garla-Flex mastic at the gravel stop edge around the entire perimeter, allow to properly cure prior to the coating application.
13. Install Uni-Bond ST tape to all duct work joints.
14. Apply Pyramic base coat to the entire roof / base flashing, pipe penetrations, vents, and duct work at a rate of 1.5 gallons per 100 sq ft and back roll the entire application.
15. Apply Pyramic top coat to the entire roof / base flashing,, pipe penetrations, vents, and duct work in a cross hatch pattern to the base coat at a rate of 1.5 gallons per 100 sq ft and back roll the entire application. Ensure complete coverage, additional coats may be needed for complete uniform coverage.
16. Allow all mastic and roof work to properly cure prior to the application of the roof coating. Approximately 30 days.
17. Buildings A, B, D, E, F, G, H, & I per the attached site map will include a complete roof restoration system per the scope of work below.
18. Preparation of existing roof system for restoration.
19. Pressure wash existing roofing system, duct work, and gutter systems allow to dry for 24 hours or until it is completely dry and ready to accept the new roof coating system.
20. Cut the existing roofing system back from gravel stop edge 2", scrape all loose asphalt and debris for a clean surface. Prime the metal and 6" back onto the existing roof surface with Garla Prime VOC allow to completely dry. Install one layer of Flashing Bond mastic, apply one layer of Garmesh 6" reinforcement, apply one more layer of Flashing Bond mastic, fully embed roofing granules into fresh mastic, allow to cure prior to the base coat / top coat application. (Roofs with sheet metal ridge cap should only have the fasteners sealed with tuff Stuff sealant and painted with Pyramic Acrylic Coating)
21. Three course all base flashing laps at roof areas with parapet walls with one layer of Flashing Bond mastic, one layer of 6" Garmesh, one layer of Flashing Bond mastic, and embed roofing granules into the fresh mastic, allow to cure prior to application of the base coat / top coat.
22. Repair all loose membrane, buckles, blisters, etc. at edge flashing, base flashing, and through field along with all details as needed for a complete prepared roof surface.
23. Install new drain baskets at all roof drain locations. Check and tighten if needed all drain bolts.

24. Cut open, mechanically attach, and three course all blisters and repair all details per specification as needed for a complete prepared roof surface.
25. Install Pyramic Acrylic Coating per specification at a total rate of three (3) gallons per square in two coats at all built up roof areas, vents, duct work, and sheet metal items. Back roll the base coat and the top coat as needed to promote full adhesion, clean appearance, complete coverage, and proper mil thickness. Top coat is to be completed in a cross hatch pattern. Additional coats may be needed for the proper coverage and appearance.

26. Howard Elementary School:

27. Buildings A, B, C, & C1 per the attached site map will include a complete roof restoration system per the scope of work below. Building's A, B, C, are to receive Pyramic coating and building C1 is to receive LiquiTec coating.
28. Preparation of existing roof system for restoration.
29. Pressure wash existing roofing system and allow to dry for 24 hours or until it is completely dry and ready to accept the new roof coating system.
30. (As Needed and Noted at Pre Bid Meeting Only) Cut the existing roofing system back from gravel stop edge 2", scrape all loose asphalt and debris for a clean surface. Prime the metal and 6" back onto the existing roof surface with Garla Prime VOC allow to completely dry. Install one layer of Flashing Bond mastic, apply one layer of Garmesh 6" reinforcement, apply one more layer of Flashing Bond mastic, fully embed roofing granules into fresh mastic, allow to cure prior to the base coat / top coat application.
31. Three course all base flashing laps at roof areas with parapet walls with one layer of Flashing Bond mastic, one layer of 6" Garmesh, one layer of Flashing Bond mastic, and embed roofing granules into the fresh mastic, allow to cure prior to application of the base coat / top coat.
32. Repair all loose membrane, loose coating, buckles, blisters, etc. at edge flashing, base flashing, and through field along with all details as needed for a complete prepared roof surface.
33. Cut open, mechanically attach, and three course all blisters and repair all details per specification as needed for a complete prepared roof surface.
34. Install Pyramic Acrylic Coating (Bldg. A,B,& C). Install LiquiTec Urethane Coating (Bldg. C1) per specification at a total rate of three (3) gallons per square in two coats at all built up roof areas, vents, duct work, and sheet meta items. Back roll the base coat and the top coat as needed to promote full adhesion, clean appearance, complete coverage, and proper mil thickness. Top coat is to be completed in a cross hatch pattern. Additional coats may be needed for the proper coverage and appearance.

1.4 WORK COMPLETED BY THE DISTRICT

- A. No work will be completed by the district.

1.5 TYPE OF CONTRACT

- A. Work will be completed under a single prime contract.
- B. Owner Supplied Contractor Installed (O.F.C.I.). Materials will be clearly noted at the back of each specification section as to what is being supplied by the owner. All O.F.C.I. materials are to be installed as part of this contract by the contractor. All other materials needed to complete this scope of work and are not specifically listed in the owner supplied materials section will be the responsibility of the contractor to supply and install.

1.6 USE OF PREMISES

- A. General: Contractor will have limited use of premises for construction operations.
- B. Use of site: Limit use of premises to work areas required. Do not disturb portions of the project site beyond areas in which the work is indicated.
- C. The building interior is off limits to the contractor. All access shall be from the exterior.
- D. The point of exterior access must be approved by the owner.
- E. Entrances: Keep all entrances serving the building clear and available to the owner, owner's employees, and emergency vehicles.
- F. Use of existing building: Maintain existing building in a weather tight condition throughout the construction period. Repair damage caused by construction operations. Protect building and occupants during construction.
- G. Vehicle Parking: Contractor parking is available on site and will need to be approved by the owner.
- H. Assume full responsibility for protection and safekeeping of materials stored on premises. Coordinate the location of materials and equipment to be stored on premises. Provide barricades, barriers, and enclosures as required to ensure safety.

1.7 OWNERS OCCUPANCY REQUIREMENTS

- A. The owner will occupy the building during the entire construction phase. Cooperate with the owner during construction operations to minimize owner conflicts and facilitate owner usage. Perform the work as to not interfere with owners operations.
- B. A minimum of 72 hours notice is needed for all activities that will affect the owners operations.

1.8 WORK RESTRICTIONS

- A. On site work hours: Work shall generally be performed from the hours of 7:00 am – 5:00 pm Monday through Friday except as otherwise indicated or approved by the owner.
- B. Weekend hours, early morning hours, utility shut down, and noisy activity requires owner's authorization a minimum of 72 hours in advance.

1.9 UNIT PRICES

- A. The following unit prices will be used to add or deduct from the total contract amount.
 - 1. Replacement of wood roof decking and fascia board.

10. SCHEDULE OF ALTERNATES

- A. None

1.11 PROJECT CONDITIONS

- A. Proceed with roofing work only when existing and forecasted weather conditions will permit a unit of work to be installed in accordance with manufacturer's recommendations and warranty requirements.
- B. Do not apply roofing insulation or membrane to damp deck surface.
- C. Do not expose materials subject to water or solar damage in quantities greater than can be weatherproofed during same day.

1.12 SEQUENCING AND SCHEDULING

- A. Sequence installation of roofing with related units of work specified in other sections to ensure that roof assemblies, including roof accessories, flashing, trim and joint sealers, are protected against damage from effects of weather, corrosion and adjacent construction activity.
- B. Complete all roofing field assembly work each day. Phased construction will not be accepted. Phased construction refers to the application of the roof insulation board, ply sheet membrane, and cap sheet membrane installed in the same day.
- C. Due to the cure time needed for the roofing system prior to the acrylic coating scheduling of work past the completion date will need to be reviewed. Work can only be completed during weekends or off hours unless specifically approved by the Owner.

1.13 PROJECT TIMELINE

- A. Advertised:
- B. Advertised:
- C. Pre-Bid Meeting: @ am
- D. Last Day for Questions:
- E. Bid Date: @ pm
- F. Board Meeting for Award:
- G. Project Start: June 14, 2021
- H. Project Completion: August 13, 2021

END OF SECTION 01 11 00 – SUMMARY OF WORK

DOCUMENT 00400
**CONTRACTOR'S CERTIFICATE REGARDING
WORKERS' COMPENSATION**

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.

Name of Bidder _____

Signature _____

Name _____

Title _____

Dated _____

CONTRACTOR & SUBCONTRACTOR FINGERPRINTING REQUIREMENTS

CONTRACTOR CERTIFICATION

With respect to the Contract dated _____ 20__ by and between Madera Unified School District ("District") and _____ ("Contractor"), Contractor hereby certifies to the District's governing board that it has completed the criminal background check requirements of Education Code Section 45125.1 and that none of its employees that may come in contact with District's pupils have been convicted of a violent felony listed in Penal Code section 667.5(c) or a serious felony listed in Penal Code section 1192.7(c).

Contractor's Representative _____ Date _____

CONTRACTOR EXEMPTION

Pursuant to Education Code sections 45125.1 and 45125.2, the Madera Unified School District ("District") has determined that _____ ("Contractor") is exempt from the criminal background check certification requirements for the Contract dated _____, 20__ by and between the District and Contractor ("Contract") because:

The Contractor's employees will have limited contact with District students during the course of the Contract;

Emergency or exceptional circumstances exist; or

With respect to contractors constructing, reconstructing, rehabilitating or repairing a school facility, as provided in Section 45125.2, the Contractor has agreed to ensure the safety of pupils at the school facility by the following method(s) specified in Section 45125.2:

_____.

School District Official

Date