
**SAN FRANCISCO UNIFIED SCHOOL DISTRICT
2006 PROPOSITION A BOND PROGRAM
LAKESHORE ALTERNATIVE ELEMENTARY SCHOOL
STOREFRONT AND ROOF REPLACEMENT**

ADDENDUM NO. 1

PROJECT: Storefront and Roof Replacement
Lakeshore Alternative Elementary School **DATE:** March 13, 2015
220 Middlefield Drive, S.F., CA 94132

OWNER: San Francisco Unified School District
135 Van Ness Avenue
San Francisco, CA 94103

Notice is hereby given to all prospective bidders that plans and specifications on the subject project are modified as hereinafter set forth. This Addendum shall be attached to and form a part of the plans and specifications. All bidders must acknowledge receipt of this addendum on the Bid Form. In case of difference with previous addenda or communications, this addendum takes precedence.

It is the responsibility of all bidders to notify all subcontractors from whom they request bids and from whom they accept bids of all changes contained in this addendum.

PART A - GENERAL NOTES

AD01A.01 Every item on plans, details, and elevations not called out as existing shall be considered new.

AD01A.02 DSA-103 form is not applicable to this project. No structural testing required.

PART B – CHANGES TO PROJECT MANUAL

AD01B.01 **Attachments:** NONE
Reference: 07510 Built-Up Roofing
Description:
A. Add in 1.3B “UL Class A rating per ASTM E-108”.
B. Strike out 1.3C.
C. Add lines: “F. Wind uplift calculation per CBC Chapter 15, 1504. Roofing system manufacturer to provide wind uplift calculation per ASCE 7-10 stamped by California licensed structural engineer. G. Plumbing calculation for overflow scuppers per CBC Chapter 15, 1503.3.1. Roofing system manufacturer to provide plumbing calculation per CBC Chapter 11 stamped by a California licensed mechanical engineer. H. Roofing system manufacturer’s inspector contact information.”

- D. Add line to 1.3K "4. Manufacturer to submit inspection reports to architect min. 1 time per week."
- E. Add "roof system manufacturer's inspector" to 1.3L.
- F. Add line 1.6D "Warranty must cover basic wind speed of 120 mph per DSA requirements, and uplift pressures for all zones of roof."
- G. Add line 1.6E "Roof warranty must cover all associated items installed with the roof including: insulation, roof membrane, jack, sheet metal, etc. with no exclusion for ponding water".
- H. Change 2.2A to "Garland Company, BiFlex two ply modified membrane system (Basis of Design).
- I. Add "Johns Manville" as acceptable manufacturer in 2.2.
- J. Change 2.3A to "Base ply: Flexbase 80, ASTM D 6163, Type III. 80 mils thick."
- K. Change 2.3B to "Cap ply: biFlex, ASTM 6163, Type I, 120 mils thick."
- L. Modify 2.3E to "Cover Board: ½" coated wood fiber by TempleInLand or approved equal."
- M. Modify 2.3G2 to "Polyisocyanurate Board Insulation: ASTM C 1289, Type II, Product ENRGY 3 or as approved by roofing system manufacturer. A. Provide insulation package with R Value greater than R=12. B. Install no boards thicker than 2 inch. Install in multiple layers.
- N. Modify "Type III" to "Type IV" on 2.3I.
- O. Modify "MBR Bonding" to "Flashing Bond" on 2.3J.
- P. Modify 2.3K to "Cant strips: Fiberglass or perlite, as approved by roofing system manufacturer, shaped to the profiles indicated."
- Q. Modify "375-425 deg. F" to "+/- 25 degrees F of EVT" on 3.1E.
- R. Strike-out 3.2C1.
- S. Add 3.2E "Flood roof with 2 gallons per sq. of adhesive and broadcast 2000 lbs per q. white gravel."
- T. Add 3.2F "Coat all flashings with 1.5 gallons per square per coat, apply 2 coats."
- U. Add 3.2G "Drains: after lead and oakum are removed, wire wheel drain body to bright metal, prime, install backer rod and structural sealant."
- V. Add 3.2H "Install termination bar and sealant at the top of all flashing. Wall should be ground to clean concrete prior to application of sealant, and wall shall be primed prior to sealant application."
- W. Add 3.4A3 "Water test drains prior to work and notify District in writing of any plugged drains."

AD01B.02 Attachments: NONE

Reference: 07600 Flashing and Sheet Metalwork

Description:

- A. Add 1.3D "Provide ANSI SPRI ES-1 test reports for edge metal and coping systems CBC 1504.5. Test report shall be stamped by California licensed structural engineer."
- B. Modify 2.1A to "Aluminum: ASTM B209, alloy 3105-H15, in thickness of 0.040" nom, pre-finished Kynar 500 or approved equal."
- C. Modify 2.1B to "Soft metal flashing for roof drains and penetrations: 0.02" Zincjack by Commercial Innovations or approved equal."
- D. Modify 2.1C to "Copings and edge metal: IMETCO PerformaEdge or approved equal. 1. Splices: Butt plates 2. Finish: Factory-primed, 0.050" Kynar coated aluminum or approved equal 3. ANSI-SPRI ES-1 tested. 4. Factory mitered corners"
- E. Modify 2.1D to "Expansion joint covers: IMETCO Performa or approved equal. 1. 0.1" Kynar coated aluminum or approved equal."

- F. Strike-out 2.1E.
- G. Add 2.1M "Roof access hatch assembly: All components to be from same manufacturer. 1. Hatch: Bilco 50T, aluminum or approved equal 2. Safety Guard: Bil-Gard hatch Railing System by Bilco, or approved equal. 3. Ladder Bilco fixed vertical ladder, aluminum, or approved equal. 4. Safety post: Bilco, ladder Up or approved equal."
- H. Add 2.1N "Over wall ladder: Alaco Ladder, aluminum construction or approved equal."
- I. Add 2.1O "Bellows expansion joint: Balco USA or approved equal. 1. Stainless steel flanges."
- J. Modify 2.1F2 to "Steel nails with lead washers."
- K. Modify "Hot dip galvanized" to "Stainless steel" on 2.1G.
- L. Strike-out "Galvanized sheet metal" on 2.1H.
- M. Modify 2.1P to "Coated cast iron clamping rings and strainers. Match with existing drain bowl clamping attachment."
- N. Modify 2.2B to "W.R. Grace Vycor Ultra"
- O. Strike-out 2.2E.
- P. Strike-out 2.2F.
- Q. Strike-out line "Otherwise use 30 lb. felt over parapets (under copings) in 2.2
- R. Add "0.025 Aluminum" at the end of 2.3A1.
- S. Add 2.3B1 "Sealant primer: Sika Primer 460 or approved equal."
- T. Modify "galvanized" to "stainless" on 2.3C.
- U. Strike-out "baked on powder coatings" on 2.4I2.

AD01B.03 Attachments: NONE
Reference: 08520 Aluminum Storefront
Description:
 A. Strike-out any language related to awning frames.
 B. Strike-out **2.4 Hardware** in its entirety.

AD01B.04 Attachments: NONE
Reference: 09560 Insulation Metal Panel System
Description: Remove this specification section in its entirety.

PART C – CHANGES TO DRAWINGS:

AD01C.01 Attachments: AD-1-A2.03
Reference: N/A
Description: Remove sheet **A2.03** and replace with **AD-1-A2.03**.

AD01C.02 Attachments: AD-1-A2.04
Reference: A2.04
Description: Remove sheet **A2.04** and replace with **AD-1-A2.04**.

AD01C.03 Attachments: NONE
Reference: A2.11, A2.12
Description: Paint all walls around and adjacent to new storefronts, from finished floor to ceiling, edge of storefront to corner. Paint all conduits in these locations. Match existing color.

- AD01C.04** **Attachments:** AD-1-A2.13
Reference: A2.13
Description: Remove sheet A2.13 and replace with AD-1-A2.13.
- AD01C.05** **Attachments:** AD-1-A2.14
Reference: A2.14
Description: Remove sheet A2.14 and replace with AD-1-A2.14.
- AD01C.06** **Attachments:** NONE
Reference: A2.21
Description:
A. Strike-out callout 6/A8.01 on 4/A2.21 Stair 1 Storefront – East.
B. Glazing on the first floor of elevation 4/A2.21 Stair 1 Storefront – East, add a translucent interlayer.
C. Strike-out note 1 of Storefront Notes.
D. Strike-out note 1 of Glazing Notes.
E. Callout 11/A8.01 located on the jambs of 1/A2.21 Storefront Window – Main Entrance should be changed to -/
F. All thresholds at existing doors within area of work shall be new. See detail -/
- AD01C.07** **Attachments:** AD-1-A8.00
Reference: A8.01, A8.02, A8.03
Description: See attached new sheet AD8.00. Details refer to details located on sheets A8.01, A8.02, and A8.03. Replace these details as necessary.

PART D – BIDDER RFI

AD01D.01 **QUESTION:** On the drawings for this project it states that the doors at the storefront locations are to be removed and reused. Are the door frames and hardware to be reused as well? And if new frames and/or hardware is required is the door hardware schedule a list of existing conditions or the new hardware schedule? Additionally? The window schedule and spec note that all awning vents should project out, but nowhere on the drawings does it specify which windows are to be awning windows. Thank you for your clarification regarding this matter.

RESPONSE: Door frames and hardware are to be reused as well. There are no awning windows for this project. Strike out any language in the drawings or specifications related to awning windows or vents related to the storefronts.

AD01D.02 **QUESTION:** CLARIFICATIONS: Spec Section 07510:
1. Part 2.2, 1 Roofing system is BU-N-A-G-4M is for nail-able deck. The roof system per detail, is installed over insulation on concrete deck. Please clarify the roof system. A 4-ply with cap sheet over insulation is JM 5GIC roof system.
2. Part 2.3,F2A says to provide insulation package with R-value greater than R-30. Does this mean a minimum of R-30 at the lowest point or Average of R-30? Please clarify.
ROOF PLANS:

1. Roof plans indicate a roof slope of $\frac{1}{4}$ " per foot on all roofs; Does all roofs requires tapered insulation? Or some roof deck is structurally sloped? Detail 4/8.02 which is the highest point, does not show tapered. Please clarify.
2. Detail 1/8.02 indicate a hot liquid waterproofing membrane. Please clarify if this refers to asphalt use to adhere the insulation. Or if something else please specify what product.
3. General Notes #4 Sheets A2.03 and A.204 says to scrape and remove any existing roofing materials to smooth existing surface. Please clarify if asphalt residue is acceptable, or it needs to be 100 % clean with no asphalt residue in voids and cracks.

RESPONSE: See revised Section 07510 notes above. See revised drawings attached to this Addendum. Roofing does require tapered insulation. Asphalt residue is not acceptable and must be removed during demolition.

END OF ADDENDUM