July 14, 2010

Enclosed is **ADDENDUM NO. 3** to the Construction Documents on the above-captioned project.

Bid date is Thursday, July 22, 2010 at 2:30 PM to be held at:

**CONTRACTING SERVICES**
Facilities Management, Bldg. 439,  
Door #E, Reception Counter  
University of California, Santa Barbara  
Santa Barbara, CA  93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.

Anna Galanis  
Director, Contracting Services
ADDENDUM NUMBER 3

to the

CONSTRUCTION DOCUMENTS

July 14, 2010

GENERAL

The following changes, additions or deletions shall be made to the following document(s) as Indicated; all other conditions shall remain the same.

I. BID FORM

Item No.

1. **Bid Form:** Replace in its entirety with Revised Bid Form Revised per Addendum 3, 10 pages attached. Any Bids not submitted on the “Revised Bid Form Revised per Addendum 3”, will be rejected.

II. SPECIFICATIONS

Item No.

1. **Section 01030** – “ALTERNATES” Part 2 – PRODUCTS: Paragraph 2.01 DESCRIPTION OF ALTERNATES Revise ADDITIVE ALTERNATE NO.2 to read “DEDUCTIVE ALTERNATE NO. 2, Replace in it’s entirety with the following:"

“Exterior option (First and Second floors exterior plaster soffits) General Contractor may provide other design build solution to bring the noted exterior plaster soffits to code via other approved methods of installing required struts & wires (i.e. cut one hole to access several locations, patch hole and repaint soffit). General Contractor shall provide all stamped and signed calculations prepared by a structural engineer currently licensed in the state of California required to provide this option to University Representative for approval. Install all new light fixtures at exterior soffits. Refer to all electrical drawings.

a. University reserves the right to accept this Alternate within 90 days after the date of the Agreement

b. If this Alternate is accepted the Contract time will be extended by 0 days”
Item No.

2. **Section 01340 – “SHOP DRAWINGS, PRODUCT DATA AND SAMPLES”**; 1.02 RELATED REQUIREMENTS C. SUBMITTAL SCHEDULE **Replace** in it’s entirety with the following:

   “1. Within thirty-five (35) days from Notice to Proceed, provide a Submittal schedule for submission of Shop Drawings, Product Data, and Samples by the Contractor (the “Submittal Schedule”), and their processing and return by University’s Representative, which shall be agreed upon by both parties in order that the items covered by these submittals will be available when needed by the construction process and so that each party can plan its workload in an orderly manner.

   a. Product Data: Within seventy (70) days after issuance of the Notice to Proceed, all Product Data shall have been submitted for approval. The Submittal Schedule shall be based on this 70 day maximum period for receipt of all submittals by University’s Representative”

Item No.

3. **Section 02221 – “DEMOLITION” Part 1 – GENERAL; 1.01 SUMMARY:C Related Sections: Add** the following sections:

   “6. Section 02080: Asbestos Related Demolition Work
   7. Section 02081: Led Related Demolition Work
   8. Section 02082: Universal Waste”

Item No.

4. **Section 07811 – “SPRAYED FIRE RESISTIVE MATERIALS”** **Delete** in its entirety;

Item No.

5. **Section 08710 – “FINISH HARDWARE” Replace** in its entirety. (See specification section attached: p.1-14).

Item No.

6. **Section 09220 – “PORTLAND CEMENT PLASTER”**; **Add** in its entirety. (See specification section attached; p 1-5)

Item No.

7. **Section 12494 - “ROLLER SHADES”, PART 2- PRODUCTS, A Replace** in its entirety with the following:

   “A, Basis-of-Design Product: Subject to compliance with requirements, provide “Nysan Solar Control” or a comparable product by one of the following:

   1. Draper Inc.
   2. MechoShade System, Inc.
   3. Or equal”
Item No.

8. Section 12494 - "ROLLER SHADES", PART 2- PRODUCTS. B Add in its entirety with the following:

"1. Basis-of-Design Product: Subject to compliance with requirements, provide Nysan Superscreen 300 or a comparable product by one of the following:
   a. Draper Inc.
   b. MechoShade Systems, Inc,
   c. Or equal

2. Fabric Weight: 12.7/oz/yd². Fabric Thickness: 21mil

3. Break Strength:
   a. Warp 150daN/5cm
   b. Weft 150daN/5cm

4. Flame Res: 0.0 sec after flame
5. Fuel contribution value: 0.
6. Average Openness: ± 3%, ± 5%
7. Elongation to breaking: 1-7%
9. Tear Resistance: 13-18lbs/2”
10. Color: As selected by University Representative
11. Fabric:
   a. Waterproof, washable, rot proof
   b. Flame resistant in accordance with California Flame Test, Title 19 Public Safety, Section 1237.1 small scale test.

Item No.

9. Section 15290 – "DUCTWORK INSULATION", PART 2- PRODUCTS. 2.01 APPROVED MANUFACTURERS-INSULATION Add in its entirety.

 "E. Armacell LLC.
 F. Evonik Foams, Inc."
Item No.

10. Section 15290 – “DUCTWORK INSULATION”, PART 2 – PRODUCTS, 2.02 MATERIALS
Add in its entirety:

“K. Type F Duct Liner:
1. Non-Fiberglass, Minimum 2” thick and 1.5 lb/cu. Ft. minimum density.
2. Duct liner shall be adhered to the sheet metal with full coverage of an approved adhesive that conforms to ASTM C 916.
3. ‘K’ value: ASTM C 518, 0.25 at 75°F.
4. Maximum velocity on Mat or Coated Air Side: 5000 ft/min.
5. Adhesive: UL Listed waterproof type.
6. Fasteners: Duct liner galvanized steel pins, welded or mechanically fastened shall be per SMACNA Standards.
7. All duct dimensions indicated on the Drawings are net inside dimensions required for the duct airflow. Duct sizes shall be increased to allow for the liner thickness specified.”

Item No.

11. Section 15290 – “DUCTWORK INSULATION”, PART 3 – EXECUTION, 3.03 SCHEDULE
Revise in its entirety:

<table>
<thead>
<tr>
<th>DUCTWORK</th>
<th>TYPE</th>
<th>Insulation Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concealed Supply Ducts</td>
<td>A,D</td>
<td>1-1/2”</td>
</tr>
<tr>
<td>Supply Ducts, Exposed in the Building</td>
<td>B,D</td>
<td>1-1/2”</td>
</tr>
<tr>
<td>Liners and Plenums</td>
<td>A,D</td>
<td>1-1/2”</td>
</tr>
</tbody>
</table>

(All plenums shall be lined with 2” type “F” insulation).”

Item No.

11. Section 15559 – “STEEL WATER TUBE BOILERS”, 2.04 STACK AND BREECHING, C
Revise in its entirety:

“C. Stack and breeching system shall be approved by the boiler supplier and consulting engineer. Contractor to provide Boiler Stack calculations for engineers review.”

Item No.

12. ALL SPECIFICATION SECTIONS Delete all reference to LEED Requirements.
III. **DRAWINGS**

Item No.

1. **DRAWING NO. A0.03, ALTERNATES, Replace** in its entirety with attached drawing A0.03, dated 7/8/2010.

Item No.

2. **DRAWING NO. A1.10, BASEMENT DEMOLITION PLAN, DEMO SHEET NOTES 4 & 5, Revise** in its entirety with the following:

   "NOTE 4. NON-HAZ INTERIOR DEMOLITION SHALL BE DONE IN A CLASS II NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. NON ASBESTOS WORK SHALL BE COMPLETED PRIOR TO ASBESTOS REMOVAL. IF ASBESTOS CONTAINING OR CONTAMINATED MATERIAL IS TO BE DISTURBED; THAT PORTION OF THE WORK SHALL BE POSTPONED UNTIL ASBESTOS ABATEMENT PORTION OF THE WORK. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082.

   NOTE 5. ASBESTOS AND PB (LEAD) RELATED DEMOLITION SHALL BE DONE IN A CLASS 1 NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082."

Item No.

3. **DRAWING NO. A1.10 and A2.10, UNIT 2 BASEMENT, Add** in its entirety with the following:

   "Floor finish in machine shop to remain, protect in place" Sketch ASK001 attached.

Item No.

4. **DRAWING NO. A1.11, LEVEL 1 DEMOLITION PLAN, DEMO SHEET NOTES 4 & 5, Revise** in its entirety with the following:

   "NOTE 4. NON-HAZ INTERIOR DEMOLITION SHALL BE DONE IN A CLASS II NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. NON ASBESTOS WORK SHALL BE COMPLETED PRIOR TO ASBESTOS REMOVAL. IF ASBESTOS CONTAINING OR CONTAMINATED MATERIAL IS TO BE DISTURBED; THAT PORTION OF THE WORK SHALL BE POSTPONED UNTIL ASBESTOS ABATEMENT PORTION OF THE WORK. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082."
NOTE 5. ASBESTOS AND PB (LEAD) RELATED DEMOLITION SHALL BE DONE IN A CLASS 1 NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082."

Item No.

5. **DRAWING NO. A1.12, LEVEL 2 DEMOLITION PLAN, DEMO SHEET NOTES 4 & 5.** Revise in its entirety with the following:

"NOTE 4. NON-HAZ INTERIOR DEMOLITION SHALL BE DONE IN A CLASS II NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. NON ASBESTOS WORK SHALL BE COMPLETED PRIOR TO ASBESTOS REMOVAL. IF ASBESTOS CONTAINING OR CONTAMINATED MATERIAL IS TO BE DISTURBED; THAT PORTION OF THE WORK SHALL BE POSTPONED UNTIL ASBESTOS ABATEMENT PORTION OF THE WORK. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082.

NOTE 5. ASBESTOS AND PB (LEAD) RELATED DEMOLITION SHALL BE DONE IN A CLASS 1 NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082."

Item No.

6. **DRAWING NO. A1.13, DEMO SHEET PLAN ROOF, DEMO SHEET NOTES 4 & 5.** Revise in its entirety with the following:

"NOTE 4. NON-HAZ INTERIOR DEMOLITION SHALL BE DONE IN A CLASS II NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. NON ASBESTOS WORK SHALL BE COMPLETED PRIOR TO ASBESTOS REMOVAL. IF ASBESTOS CONTAINING OR CONTAMINATED MATERIAL IS TO BE DISTURBED; THAT PORTION OF THE WORK SHALL BE POSTPONED UNTIL ASBESTOS ABATEMENT PORTION OF THE WORK. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082.

NOTE 5. ASBESTOS AND PB (LEAD) RELATED DEMOLITION SHALL BE DONE IN A CLASS 1 NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082."

Item No.


Item No.
8. **DRAWING NO. A6.01, BASEMENT DEMOLITION RCP Replace** in its entirety with attached drawing A6.01, dated 7/8/2010. **DEMO SHEET NOTES 4 & 5 Add** the following:

"NOTE 4. NON-HAZ INTERIOR DEMOLITION SHALL BE DONE IN A CLASS II NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. NON ASBESTOS WORK SHALL BE COMPLETED PRIOR TO ASBESTOS REMOVAL. IF ASBESTOS CONTAINING OR CONTAMINATED MATERIAL IS TO BE DISTURBED; THAT PORTION OF THE WORK SHALL BE POSTPONED UNTIL ASBESTOS ABATEMENT PORTION OF THE WORK. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082.

NOTE 5. ASBESTOS AND PB (LEAD) RELATED DEMOLITION SHALL BE DONE IN A CLASS 1 NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082."

**Item No.**

9. **DRAWING NO. A6.02, LEVEL 1 DEMOLITION RCP, Replace** in its entirety with attached drawing A6.02, dated 7/8/2010. **DEMO SHEET NOTES 4 & 5 Add** the following:

"NOTE 4. NON-HAZ INTERIOR DEMOLITION SHALL BE DONE IN A CLASS II NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. NON ASBESTOS WORK SHALL BE COMPLETED PRIOR TO ASBESTOS REMOVAL. IF ASBESTOS CONTAINING OR CONTAMINATED MATERIAL IS TO BE DISTURBED; THAT PORTION OF THE WORK SHALL BE POSTPONED UNTIL ASBESTOS ABATEMENT PORTION OF THE WORK. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082.

NOTE 5. ASBESTOS AND PB (LEAD) RELATED DEMOLITION SHALL BE DONE IN A CLASS 1 NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082."

**Item No.**

10. **DRAWING NO. A6.03, LEVEL 2 DEMOLITION RCP, Replace** in its entirety with attached drawing A6.03, dated 7/8/2010. **DEMO SHEET NOTES 4 & 5 Add** the following:

"NOTE 4. NON-HAZ INTERIOR DEMOLITION SHALL BE DONE IN A CLASS II NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR TITLE 8 SECTION 1529. NON ASBESTOS WORK SHALL BE COMPLETED PRIOR TO ASBESTOS REMOVAL. IF ASBESTOS CONTAINING OR CONTAMINATED MATERIAL IS TO BE DISTURBED; THAT PORTION OF THE WORK SHALL BE POSTPONED UNTIL ASBESTOS ABATEMENT PORTION OF THE WORK. SEE SPECIFICATION SECTIONS 02080, 02081 AND 02082.

NOTE 5. ASBESTOS AND PB (LEAD) RELATED DEMOLITION SHALL BE DONE IN A CLASS 1 NEGATIVE PRESSURE ENCLOSURE (NPE) AS DEFINED BY CCR
TITLE 8  SECTION 1529. SEE SPECIFICATION SECTIONS 02080, 02081 AND
02082.”

Item No.

11. **DRAWING NO. A6.10 BASEMENT RCP, Replace** in its entirety with attached drawing

Item No.

12. **DRAWING NO. A6.11, LEVEL 1 RCP, Replace** in its entirety with attached drawing

Item No.

13. **DRAWING NO. A6.12, LEVEL 2 RCP, Replace** in its entirety with attached drawing A6.12,

Item No.

14. **DRAWING NO. A7.10, STAIR NO. 1 ELEV. PLANS SECT., Replace** in its entirety with

Item No.

15. **DRAWING NO. A7.11, STAIR NO. 2 , Replace** in its entirety with attached drawing A6.12,

Item No.

16. **DRAWING NO. A7.12, STAIR NO. 3 – PLANS SECT., Replace** in its entirety with

Item No.

17. **DRAWING NO. A7.13, STAIR NO. 4 – PLAN / SECTION, Replace** in its entirety with

Item No.

18. **DRAWING NO. A11.00, N DOOR TYPE & SCHEDULE, Replace** in its entirety with

Item No.

19. **DRAWING NO. A11.01, E DOOR SCHEDULE, Replace** in its entirety with
attached drawing A11.01, dated 7/8/2010.

Item No.
20. **DRAWING NO. S1.01, GENERAL NOTES, Replace in its entirety with attached drawing S1.01, dated 7/8/2010.**

Item No.

21. **DRAWING NO. S2.11B, UNIT 2 PARTIAL-WEST FIRST FLOOR/FDN FRAMING PLAN, Replace in its entirety with attached drawing S2.11B, dated 7/8/2010.**

Item No.

22. **DRAWING NO. S2.12A, UNIT 1 PARTIAL-SECOND FLOOR FRAMING PLAN, Replace in its entirety with attached drawing S2.12A, dated 7/8/2010.**

Item No.

23. **DRAWING NO. S2.13A, UNIT 1 ROOF FRAMING PLAN, Replace in its entirety with attached drawing S2.13A, dated 7/8/2010.**

Item No.

24. **DRAWING NO. S2.21A, UNIT 1 1ST FLOOR PLAN, Replace in its entirety with attached drawing S2.21A, dated 7/8/2010.**

Item No.

25. **DRAWING NO. S4.01, WALL ELEVATIONS – UNIT 1, Replace in its entirety with attached drawing S4.01, dated 7/8/2010.**

Item No.

26. **DRAWING NO. S4.03, WALL ELEVATIONS – UNIT 1, Replace in its entirety with attached drawing S4.03, dated 7/8/2010.**

Item No.

27. **DRAWING NO. E0.01, SYMBOLS AND ABBREVIATIONS, Replace in its entirety with attached drawing E0.01, dated 7/8/2010.**

Item No.

28. **DRAWING NO. E1.10B, BASEMENT UNIT 2 DEMO FLOOR PLAN, Replace in its entirety with attached drawing E1.10B, dated 7/8/2010.**

Item No.

29. **DRAWING NO. E1.11A, FIRST FLOOR UNIT 1 DEMO FLOOR PLAN, Replace in its entirety with attached drawing E1.11A, dated 7/8/2010.**

Item No.
30. **DRAWING NO. E1.11B, FIRST FLOOR UNIT 2 DEMO FLOOR PLAN. Replace in its entirety with attached drawing E1.11B, dated 7/8/2010.**

**Item No.**

31. **DRAWING NO. E1.11C, FIRST FLOOR UNIT 2 DEMO FLOOR PLAN. Replace in its entirety with attached drawing E1.11C, dated 7/8/2010.**

**Item No.**

32. **DRAWING NO. E1.12AA, SECOND UNIT 1 DEMO PLAN-BASE BID. Replace in its entirety with attached drawing E1.12AA, dated 7/8/2010.**

**Item No.**

33. **DRAWING NO. E1.12BA, SECOND FLOOR UNIT 2 DEMO PLAN-BASE BID. Replace in its entirety with attached drawing E1.11BA, dated 7/8/2010.**

**Item No.**

34. **DRAWING NO. E2.10BP, BASEMENT UNIT 2 REMODEL POWER PLAN. Replace in its entirety with attached drawing E2.10BP, dated 7/8/2010.**

**Item No.**

35. **DRAWING NO. E2.12BLA, SECOND FLOOR UNIT 2 REMODEL LIGHTING FLOOR PLAN- ALTERNATE A. Replace in its entirety with attached drawing E2.12BLA, dated 7/8/2010.**

**Item No.**

36. **DRAWING NO. E2.12ALA, SECOND FLOOR UNIT 1 REMODEL LIGHTING FLOOR PLAN- ALTERNATE A. Replace in its entirety with attached drawing E1.11ALA, dated 7/8/2010.**

**Item No.**

36. **DRAWING NO. P2.01, PLUMBING SITE PLAN. Delete in its entirety.**

"6 inch piping fire line serving South Unit 1 from double detector check valve adjacent Unit II. Unit I shall receive it’s fire line water from the existing 4 inch source at the Art Museum double detector check valve. Deferred approval."

**Item No.**

37. **DRAWING NO. RW2.01, FLOOR 1 ROOFING/WATERPROOFING PLAN (PHASE1A). TITLE BLOCK. Delete;**
"Delete reference to Phase 1A in title block" All GC work to be completed per Phasing outlined on Drawing A0.02.

Item No.

38. DRAWING NO. RW2.02, FLOOR 2 ROOFING/WATERPROOFING PLAN (PHASE 1), TITLE BLOCK, Delete;:

"Delete reference to Phase 1A in title block" All GC work to be completed per Phasing outlined on Drawing A0.02.

Item No.

39. DRAWING NO. RW2.03, ROOF LEVEL ROOFING/WATERPROOFING PLAN (PHASE 1, Delete;):

"Delete reference to Phase 1A in title block" All GC work to be completed per Phasing outlined on Drawing A0.02.

Item No.

40. DRAWING NO. RW2.04, ROOF LEVEL ROOFING/WATERPROOFING PLAN (PHASE 1A, Delete;):

"Delete reference to Phase 1A in title block" All GC work to be completed per Phasing outlined on Drawing A0.02.

END OF ADDENDUM NO. 3
REVISED BID FORM

FOR:

Arts Building Seismic Correction and Renewal

FM090010L/988720

UNIVERSITY OF CALIFORNIA
SANTA BARBARA
SANTA BARBARA, CALIFORNIA

June 2010

BID TO:

University of California, Santa Barbara
Facilities Management, Building 439
Door E, Reception Counter
Santa Barbara, CA 93106
(805)893-3298

BID FROM:

(Name of Bidder)

(Address)

(City) (State) (Zip)

(Telephone Number)

(Fax Number)

(Email Address)

DATE BID SUBMITTED

(Date)

Note: All portions of this Bid Form must be completed and the Bid Form must be signed before the Bid is submitted. Failure to do so may result in the BID being rejected as non-responsive.
1.0 **BIDDER'S REPRESENTATIONS**

Bidder, represents that a) Bidder and all Subcontractors, regardless of tier, has the appropriate current and active Contractor's licenses required by the State of California and the Bidding Documents; b) it has carefully read and examined the Bidding Documents for the proposed Work on this Project; c) it has examined the site of the proposed Work and all Information Available to Bidders; d) it has become familiar with all the conditions related to the proposed Work, including the availability of labor, materials, and equipment. Bidder hereby offers to furnish all labor, materials, equipment, tools, transportation, and services necessary to complete the proposed Work on this Project in accordance with the Contract Documents for the sums quoted. Bidder further agrees that it will not withdraw its Bid within 90 days after the Bid Deadline, and that, if it is selected as the apparent lowest responsive and responsible Bidder, that it will, within 10 days after receipt of notice of selection, sign and deliver to University the Agreement in triplicate and furnish to University all items required by the Bidding Documents. If awarded the Contract, Bidder agrees to complete the proposed Work within Seven Hundred Thirty (730) calendar days after the date of commencement specified in the Notice to Proceed.

2.0 **ADDENDA**

Bidder acknowledges that it is Bidder's responsibility to ascertain whether any Addenda have been issued and if so, to obtain copies of such Addenda from University's facility at the appropriate address stated on Page 1 of this Bid Form. Bidder therefore agrees to be bound by all Addenda that has been issued for this Bid.

3.0 **NOT USED**

4.0 **LUMP SUM BASE BID**

$ 

(Place Figures in appropriate boxes)

5.0 **SELECTION OF APPARENT LOW BIDDER**

Refer to the Instructions to Bidders for selection of apparent low bidder.

6.0 **NOT USED**
7.0  **DAILY RATE OF COMPENSATION FOR COMPENSABLE DELAYS (Used As Basis For Award)**

Bidder shall determine and provide below the daily rate of compensation for any Compensable Delay caused by University at any time during the performance of the Work:

\[
\text{\$ [ ] , [ ] . [ ] } \times 30 \text{ MULTIPLIER}
\]

(Place Amount in Figures in appropriate boxes)

University will perform the extension of the daily rate times the multiplier.

The daily rate shown above will be the total amount of Contractor entitlement for each day of Compensable Delay caused by University at any time during the performance of the Work and shall constitute payment in full for all delay costs, direct or indirect (including, without limitation, compensation for all extended home office overhead and extended general conditions), of the Contractor and all subcontractors, suppliers, persons, and entities under or claiming through Contractor on the Project. The number of days of Compensable Delay shown as a "multiplier" above is not intended as an estimate of the number of days of Compensable Delay anticipated by the University. The University will pay the daily rate of compensation only for the actual number of days of Compensable Delay, as defined in the General Conditions; the actual number of days of Compensable Delay may be greater or lesser than the "multiplier" shown above.

8.0  **ALTERNATES**

In order for a Bid to be responsive, Bidder must submit an additive bid, a deductive bid, or a "no change" bid, for each Alternate listed below. Bidder shall mark the additive, deductive, or "no change" box for each Alternate. The failure to do so shall result in the Bid being rejected as non-responsive. The failure to quote an amount, unless the bidder marks the "no change" box, will result in the bid being rejected as non-responsive.

The Contract Time will change by the number of days, if any, specified for each accepted Alternate.

**Alternate No. 1**

Description: North West Roof #3 – remove and dispose of existing gravel roof surfacing. Install new EPS cricket with low rise foam between existing roof drains and high side of curb/platform. Install ½” Densdeck prime over entire roof surface using low rise foam. Install a fully adhered California Title 24 compliant 72 mil. Thermoplastic PVS single ply roof system in accordance with the manufacturer and specifications.

as specified in Section 01030  
(Alternate Specification Section Number)
Bid for Alternate No. 1
Indicate by marking only **ONE** of the two boxes ("Add," or "No Change") and state the amount, if "Add" selected, by placing figures in the corresponding boxes.

☐ Add $[ ] [ ] [ ] [ ] [ ]
☐ No Change Bidder will perform alternate without change to Contract Sum.

No extension of time will be granted if this Alternate is accepted.
University reserves the right to accept any Alternate(s) for 90 calendar days after the date University signs the Agreement.

Alternate No. 2
Description: Exterior option (First and Second floors exterior plaster soffits). General Contractor may provide other design build solution to bring the noted exterior plaster soffits to code via other approved methods of installing required struts & wires (i.e. cut one hole to access several locations, patch hole and repaint soffit). General Contractor shall provide all stamped and signed calculations prepared by a structural engineer currently licensed in the state of California required to provide this option to University Representative for approval. Install all new light fixtures at exterior soffits. Refer to all electrical drawings as specified in Section 01030 ____________
(Alternate Specification Section Number)

Bid for Alternate No. 2
Indicate by marking only **ONE** of the two boxes ("Deductive," or "No Change") and state the amount, if "Add" selected, by placing figures in the corresponding boxes.

☐ Deductive $[ ] [ ] [ ] [ ] [ ]
☐ No Change Bidder will perform alternate without change to Contract Sum.

No extension of time will be granted if this Alternate is accepted.
University reserves the right to accept any Alternate(s) for 90 calendar days after the date University signs the Agreement.
Alternate No. 3

Description: New Boilers in Unit 2 – New associated pumps, expansion tank, air separator, chemical pot feeder associated with new boilers in Unit 2, including new flue work, as specified in Section 01030

(Alternate Specification Section Number)

Bid for Alternate No. 3

Indicate by marking only ONE of the two boxes ("Add," or "No Change") and state the amount, if "Add" selected, by placing figures in the corresponding boxes.

☐ Add $ [_____ , [_____ , [_____ ]

☐ No Change Bidder will perform alternate without change to Contract Sum.

No extension of time will be granted if this Alternate is accepted.

University reserves the right to accept any Alternate(s) for 90 calendar days after the date University signs the Agreement.

Alternate No. 4

Description: Landscape – Northwest Courtyard 2 – Remove existing vegetation where new planting is proposed. Remove existing irrigation where irrigation is proposed. Install new controller and automatic valves. Add new irrigation heads to System C-1. Install new irrigation system C-2. Install black Mexican pebble mulch, install new plants as indicated on plans.
Southeast Courtyard 4 – Kill and scrape existing lawn, remove mulch. Install new header at planter area. Install black Mexican pebble mulch. Install pavers in lawn. Install new seeded lawn.
Middle Courtyard 5 – Kill and scrape existing lawn, remove myrtle, clear and grub planters. Install irrigation system A-4. Install lawn, planting and headers.
South Courtyard 6 – Remove existing vegetation. Remove existing irrigation equipment as necessary. Install irrigation system A-5. Install new boulders. Install new planting.
West Courtyard 1 – Remove existing benches. Install new Maya Lin furniture supplies by University. Relocate existing trash receptacles.

as specified in Section 01030

(Alternate Specification Section Number)
Bid for Alternate No. 4
Indicate by marking only ONE of the two boxes ("Add," or "No Change") and state the amount, if "Add" selected, by placing figures in the corresponding boxes.

☐ Add $[blank], [blank]. [blank]

☐ No Change Bidder will perform alternate without change to Contract Sum.

No extension of time will be granted if this Alternate is accepted.

University reserves the right to accept any Alternate(s) for 90 calendar days after the date University signs the Agreement.
9.0 **LIST OF SUBCONTRACTORS**

Bidder will use Subcontractors for the Work:

Yes _____

If yes, provide in the spaces below (a) the name and the location of the place of business of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement, or a subcontractor licensed by the state of California who, under subcontract to the prime contractor, specifically fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of 1/2 of 1 percent of the prime contractor's total bid, (b) the portion of the work which will be done by each subcontractor. The prime contractor shall list only one subcontractor for each such portion as is defined by the prime contractor in its bid.

<table>
<thead>
<tr>
<th>Portion of the Work</th>
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(Note: Add additional pages if required.)

May 10, 2004
Revision 2 2005_07-06
LF:BF
10.0 **LIST OF CHANGES IN SUBCONTRACTORS DUE TO ALTERNATES**

The information below must be provided for all changes in first-tier Subcontractors if University selects Alternates. List changes in Subcontractors only for those portions of the Work valued in excess of 1/2 of 1% of Bidder's Total Bid.

<table>
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<tr>
<th>Alternate No.</th>
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(Note: Add additional pages if required.)
11.0 **BIDDER INFORMATION**

**TYPE OF ORGANIZATION:**

(Corporation, Partnership, Individual, Joint Venture, etc.)

- IF A CORPORATION, THE CORPORATION IS ORGANIZED UNDER THE LAWS OF THE STATE OF _____________________________.

**NAME OF PRESIDENT OF THE CORPORATION:**

__________________________________________

(Insert Name)

**NAME OF SECRETARY OF THE CORPORATION:**

__________________________________________

(Insert Name)

- IF A PARTNERSHIP, NAMES OF ALL GENERAL PARTNERS:

__________________________________________

(Insert Names)

**CALIFORNIA CONTRACTORS LICENSE(S):**

__________________________ ____________________________ ____________________________

(Classification) (License Number) (Expiration Date)

(For Joint Venture, list Joint Venture's license and licenses for all Joint Venture partners.)

**EMPLOYER IDENTIFICATION NUMBER (EIN):**

__________________________________________

12.0 **REQUIRED COMPLETED ATTACHMENTS**

The following documents are submitted with and made a condition of this Bid:

1. Bid Security in the form of ____________________________

   (Bid Bond or Certified Check)
13.0 DECLARATION

I, ________________________________, hereby declare that I am
(Printed Name)

the ______________________ of ______________________
(Title) (Name of Bidder)

submitting this Bid Form; that I am duly authorized to execute this Bid Form on behalf of Bidder;

and that all information set forth in this Bid Form and all attachments hereto are, to the best of my

knowledge, true, accurate, and complete as of its submission date.

I declare, under penalty of perjury, that the foregoing is true and correct and that this declaration was

executed at: ________________________________

(Name of City if within a City, otherwise Name of County)

in the State of ________________________________

on ________________________________

(Date)

______________________________

(Signature)
BID BOND

KNOW ALL PERSONS BY THESE PRESENTS:

That we, ________________________, as Principal, and ________________________, as Surety, are held and firmly bound unto THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, hereinafter called THE REGENTS, in the sum of ten percent (10%) of the Lump Sum Base Bid amount for payment of which in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT, WHEREAS, Principal has submitted a Bid for the work described as follows:

Arts Building Seismic Correction and Renewal; FM090010L/988720

NOW, THEREFORE, if Principal shall not withdraw said Bid within the time period specified after the Bid Deadline, as defined in the Bidding Documents, or within ninety (90) days after the Bid Deadline if no time period be specified, and, if selected as the apparent lowest responsible Bidder, Principal shall, within the time period specified in the Bidding Documents, do the following:

(1) Enter into a written agreement, in the prescribed form, in accordance with the Bid.
(2) File two bonds with THE REGENTS, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by the Bidding Documents.
(3) Furnish certificates of insurance and all other items as required by the Bidding Documents.

In the event of the withdrawal of said Bid within the time period specified, or within ninety (90) days if no time period be specified, or the disqualification of said Bid due to failure of Principal to enter into such agreement and furnish such bonds, certificates of insurance, and all other items as required by the Bidding Documents, if Principal shall pay to THE REGENTS an amount equal to the difference, not to exceed the amount hereof, between the amount specified in said Bid and such larger amount for which THE REGENTS procure the required work covered by said Bid, if the latter be in excess of the former, then this obligation shall be null and void, otherwise to remain in full force and effect.

In the event suit is brought upon this bond by THE REGENTS, Surety shall pay reasonable attorneys' fees and costs incurred by THE REGENTS in such suit.

IN WITNESS WHEREOF, we have hereunto set our hands this _____ day of __________, 2010

Principal

By: ________________________
Title: ________________________

Surety

By: ________________________
Title: ________________________

Address for Notices:

______________________________

______________________________

______________________________

______________________________

NOTE: Notary acknowledgement for Surety and Surety's Power of Attorney must be attached.
SECTION 08710 - FINISH HARDWARE

PART 1- GENERAL

1.1 SUMMARY

A. This Section contains requirements to provide door hardware necessary to complete the project, including hinges, pivots, exit devices, lever locksets, latches, closers, auto bolts, coordinators, protective plates, smoke seals, weather seals, astragals, thresholds, and electrified hardware.

B. Related Sections

1. Section 08110- Steel Doors and Frames.
2. Section 08210-Flush Wood Doors.

1.2 REFERENCES

A. Steel Door Institute (SDI) standards as specified.
B. California Building Code (CBC).
C. Americans with Disabilities Act (ADA) of 1990 criteria as specified.
D. Underwriters Laboratories Inc. (UL) standards as specified.

1.3 QUALITY ASSURANCE

A. Obtain hardware from company specializing in supplying institutional door hardware with five years experience and approved by specified hardware manufacturers as a factory direct supplier.

B. Hardware Supplier Personnel: Employ a Door hardware Institute certified Architectural Hardware Consultant (AHC) to prepare submittal required by this section and be available for consultation to the University Representative for course of construction.

1.4 REGULATORY REQUIREMENTS

A. Conform to CBC Chapter Ten "Means of Egress" requirements.
B. Conform to CBC Chapter Eleven "Accessibility" requirements.
C. Conform to UBC Standard 7-2 / UL10C requirements applicable to positive pressure fire rated doors and frames. Furnish all necessary hardware for complete fire labeled opening including, bearing hinges, latching hardware, non-flaming fluid closers, smoke seals and intumescent hot
seals.

D. Conform to applicable requirements of the Americans with Disabilities Act of 1990 regarding accessibility requirements for door and entrance hardware.

1.5 CERTIFICATION

A. University Representative shall inspect preparation and initial installation of each type of hardware condition.

B. University Representative shall inspect complete installation and certify that hardware and installation has been furnished and installed in accordance with manufacturer’s instructions and as specified.

1.6 SUBMITTAL

A. Submit schedule and product data under provisions of Section 01330.

B. Provide five (5) copies of vertical format hardware schedule showing each application, the quantity required, part numbers and finish of each item.

1. University Representative’s review of such schedule does not relieve the Contractor of providing hardware required for the work, whether or not such hardware was inadvertently omitted from this Section.

C. Accompanying schedules, provide two (2) manufacturer’s brochures of each item scheduled, indicating function, finish, dimensions, and related features. No hardware schedule will be accepted for review without submission of such brochure package.

D. When alternate manufacturers are proposed by contractor, provide two (2) brochures, one of originally specified item and one of proposed alternate.

E. Submit only manufacturers specified as approved or alternate.

F. Provide samples indicating hardware design and finish for approval by University Representative of all hardware types on project.

1.7 COORDINATION

A. Coordinate work of this Section with other directly affected Sections involving manufacturer of any internal reinforcement for door hardware.

1. In particular, coordinate door preparation in accordance with applicable regulatory and trade standards specified.

2. Review details and conditions prior to ordering hardware. If door hand is changed during construction, coordinate and change hardware as necessary at no cost to the University.

1.8 OPERATIONS AND MAINTENANCE DATA
A. Submit operation and maintenance data under provisions of Section 01700.
B. Include data on operating hardware, lubrication requirements and inspection procedures related to preventative maintenance.

1.9 DELIVERY, STORAGE, AND HANDLING
A. Deliver products to site under provisions of Section 01600.
B. Store and protect products under provisions of Section 01600.
C. Package hardware items individually; label and identify package with door opening code to match hardware schedule.

1.10 MAINTENANCE MATERIALS
A. Provide special wrenches and tools applicable to each different or special hardware component.
B. Provide maintenance tools and accessories supplied by hardware component manufacturer.

1.11 WARRANTY
A. Provide two year guarantee against defects on hardware, including electrical components.
B. Manufacturers' Warranty for type of hardware:
   1. General Hardware: Two years.
   2. Exit Devices: Three years.
   3. Lever Locksets: Three years.
   4. Closers: Ten years, except for electronic units, two years.
C. Submit guarantee on form provided.

PART 2 - PRODUCTS

2.1 DOOR HARDWARE CRITERIA
A. Manufacturers
      a. Approved Alternate: Or equal.
   2. Continuous Hinges: Pemko (PEM).
      a. Approved Alternate: Markar, McKinney.
   3. Locks and Passage sets: Schlage (SCH).
a. Approved Alternate:
4. NS Locksets:
   a. Approved Alternate:
5. Cylinders:
   a. Approved Alternate:
6. Panic Exit Devices:
   a. Approved Alternate:
7. Door Closers:
   a. Approved Alternate:
8. Push, Pull and Kick plates:
   a. Approved Alternate:
9. Stop and Door Bumpers:
   a. Approved Alternate:
10. OH Stop:
    a. Approved Alternate:
11. Latch Guards:
    a. Approved Alternate:
12. Automatic Bolts:
    a. Approved Alternate:
13. Coordinators:
    a. Approved Alternate:
14. Seals, Sweeps, Astragals:
    a. Approved Alternate:
15. Entrance Pulls:
    a. Approved Alternate:

Best, Corbin.
FSB (FSB).
Or equal.
Schlage (SCH).
Schlage campus standard.
Von Duprin (VON).
Or equal.
LCN (LCN).
Dorma, Norton.
Trimco (TRM).
Rockwood or equal.
Trimco (TRM).
Ives, Rockwood, or equal.
ABH (ABH).
Ives, Rixson, or equal.
Mag Security (MAG).
Markar, or equal.
Door Controls Int'l (DCI).
Ives, Trimco, or equal.
Door Controls Int'l (DCI).
Ives, Trimco, or equal.
Pemko (PEM).
Reese, NGP, or equal.
FSB (FSB).
Elmes, F&S.
16. Track Hardware:
   Henderson (HEN).
   a. Approved Alternate: Coburn, Hettich Int’l.

2.2 HINGES

A. Unless noted otherwise, provide steel and stainless steel hinges, with finish as shown in schedule. Provide stainless steel hinges at exterior doors.

B. Provide hinges in accordance with following schedule:
   1. Doors up to 4 feet high: 2 hinges.
   2. Doors 4 feet to 7 feet 5 inches high: 3 hinges minimum.
   3. Doors greater than 7 feet 5 inches high: 4 hinges.
   4. Doors up to 3 feet wide, standard weight: 4½" x 4½" hinges.
   5. Doors 3'6" wide, standard weight: 5" x 4½".
   6. Doors 4'0" wide, heavy weight: 5" x 4½".
   7. Furnish heavy-weight hinges where specified.

C. Unless otherwise noted or required, provide full mortise hinges, with non-rising loose pins and ball bearings. Oilite bearings are not acceptable.

D. Provide set screw (NRP) or hospital tip (HT) type at exterior reverse bevel doors to prevent pin removal when door is in closed position.

E. Where necessary to maintain door clearance at jamb trim, frame conditions, door reveals and similar conditions, furnish wide throw hinges as approved by the University Representative.

F. Continuous Hinges shall be 6063-T6 aluminum alloy, pin-less interlocking extrusions, applied to the full height of the door and frame. Manufacture to template screw locations, with frame and door leaf anodized after milling and drilling process are complete. Continuous hinges must be UL Fire Listed, without requiring special pins or wall construction, supporting up to 540 pounds.

2.3 KEYING

A. Furnish an extension of campus key system with interchangeable core cylinders. Furnish 6-pin interchangeable core cylinders, with restricted key section 1248 per University’s instructions. End user ID number shall be stamped on keys.

B. Furnish un-combineded permanent cores and blank keys, for final keying to be performed by University’s Locksmith.

C. Furnish minimum of three blank keys for each cylinder or core.

D. When so directed by University check in all cylinders at job site to insure that order is complete and correct.

E. Locksets and cylinders shall be construction keyed. Provide 15 temporary keys and temporary construction keyed cores for each opening.
2.4 LOCKSETS, PASSAGE SETS AND STRIKES

A. Provide strikes at locks with curved lip of sufficient length to protect trim and jamb. Each strike shall include wrought strike box.

B. Provide heavy-duty, mortise series, lever handle locksets and passage sets.

C. Locksets shall be certified BHMA Grade I Operational with the lever design as scheduled in hardware sets.

D. Latchbolts: 3/4 inch throw stainless steel anti-friction type.

E. Locksets and passage sets shall be fully-reversible without necessitating removal of mortise case cover.

F. Lever Trim: through-bolted, accessible design, cast lever or solid extruded bar type levers as scheduled.
   a. Spindles: security design independent breakaway. Breakage of outside lever does not allow access to inside lever’s hubworks to gain wrongful entry.

G. Thumbturns: accessible design not requiring pinching or twisting motions to operate.

H. Unless noted otherwise, provide 2-3/4 inch backset.

I. Lock Throw: Comply with UL requirements for throw of latch bolts on rated fire openings.

2.5 EXIT DEVICES

A. Provide exit devices with required labels. Where exit device is required on fire rated doors, provide UL label with supplementary marking on hardware indicating compliant fire exit hardware. Panic Hardware shall comply with UBC Standard 10-4 and CBC Section 1003.3.1.9. The unlatching force shall not exceed 15 pounds applied in the direction of travel

B. Furnish modern push-pad type, reversible exit devices with heavy-duty forged chassis, End caps: impact-resistant, flush-mounted. No raised edges or lips to catch carts or other equipment.

C. Non-handed basic device design with center case interchangeable with all functions, no extra parts required to effect change of function. No exposed push-pad fasteners, no exposed cavities when operated. Return stroke fluid dampeners and rubber bottoming dampeners, plus anti-rattle devices.

D. Lever Trim: Breakaway type, forged brass or bronze escutcheon min .130" thickness, compression spring drive, match lockset lever design.

2.6 DOOR CLOSERS

A. Full rack-and-pinion type cylinder with removable non-ferrous cover and cast iron body. Double heat-treated pinion shaft, single piece forged piston, chrome-silicon steel spring.
B. Provide non-handed door closers with multi-sized springs, with separate adjustable valves for latch, sweep speed, back check position and back check intensity. Where indicated closers shall have adjustable delayed action (DA option) closing controlled by an adjustable valve.

1. Provide drop brackets, mortise shoes, long arms and low profile regular arms as required. Parallel and regular arm closers shall be capable of 180 degrees swing, except where scheduled with a spring-stop arm.

2. Extra-duty arms (EDA) at exterior doors scheduled with parallel arm units.

C. Template and adjust closers per manufacturer’s recommendations and to meet accessibility requirements. Provide barrier free reduced spring power models where required to comply with 5lbs opening force.

D. Mount surface closers on side of door away from corridor, inside rooms or in stairs. Provide regular or parallel arm closers as required.

2.7 PROTECTION PLATES, STOPS AND TRIM

A. Provide manufacturers’ standard exposed fastener for door trim units (kick plates, edge trim, viewers, and similar units); either machine screws or self-tapping a screw.

B. Furnish stainless steel, 0.050” protection plates (armor, kick or mop) with beveled edges, sized as indicated below. Furnish armor plates with WHI or UL fire listing for use on corresponding labeled doors.

1. Kick Plates Sizes:

   Single Doors: 10” High x 2” Less Door Width.
   Pair Doors: 10” High x 1” Less Door Width.

C. Furnish carpet risers for floor stops where required. Floor stops shall not be located in the path of travel. Install floor stops maximum distance of 4” from adjacent wall. Where specified floor or wall stops would present a pedestrian hazard or cannot be used, furnish a concealed overhead stop or provide closer with an integral spring cushioned stop as appropriate.

D. Provide manufacturers’ standard exposed fastener for plate mounted trim (push and pulls) installation; through-bolted for matched pairs, but not for single units. Concealed Fasteners: Provide manufacturer’s special concealed fastener system for push and pull installation; through-bolted for matched pairs, with flow thru button mounting for single units.

2.8 SEALS

A. Provide seals complete with retainers, fasteners and trim.

B. Provide UL listed smoke seals at fire rated openings.

C. Unless noted otherwise, provide silicone or neoprene seals at frame jambs and head conditions. Use of vinyl seal prohibited.

D. Where specified, provide solid neoprene seals for sound reduction.
2.9 FINISHES
   A. Finishes are identified in Schedule at end of this Section.
   B. Where finish not shown, match finish of lockset.
   C. Provide adhesive seal in a color as approved by University Representative.
   D. Provide fasteners matching in finish, base material and color.

2.10 FASTENERS
   A. Fasteners shall be compatible with the product being applied and furnished by hardware manufacturer.
   B. Fasteners shall be of sufficient length to afford adequate thread engagement.
   C. Provide fasteners matching in finish, base material and color.
   D. Furnish closers and exit devices with sex-nut bolts for mounting on doors.
   E. Furnish stainless steel fasteners for exterior door sweeps and weather seals.
   F. Furnish thresholds with 1/4-20 stainless steel machine screws and expansion shields.

PART 3 - EXECUTION

3.1 INSPECTION
   A. Verify that doors and frames are ready to receive work, plumb and without bind, with dimensions as indicated on shop drawings, instructed by the manufacturer.
   B. Verify that power supply is available to power operated devices.
   C. Beginning of installation means acceptance of existing conditions.

3.2 INSTALLATION
   A. Pre-installation meeting with University representative Cesar Lugo must take place at University grounds.
   B. Install hardware in accordance with manufacturer's instructions and requirements of DHI A115.1G. Select applicable standard based on door function, type and regulatory criteria.
   C. Install hardware in accordance with NFPA-80 in fire labeled doors.
   D. Where door is designated as receiving new hardware, package and label hardware type and function, and deliver to University.
3.3 INSTALL HARDWARE USING TEMPLATES PROVIDED BY HARDWARE ITEM MANUFACTURER.

A. Prior to finishing door, fit hardware to door, utilizing fasteners and templates as specified.

B. Remove hardware, carefully label and store. Re-install after door finish is complete.

3.4 UNLESS NOTED OTHERWISE OR SHOWN ON DRAWINGS, MOUNT HARDWARE IN ACCORDANCE WITH THE FOLLOWING CRITERIA:

a. Passage set and lockset handle: 38 inches above floor. Verify manufacturer's template with door design.

3.5 ADJUST CLOSER OPERATING EFFORT TO CONFORM TO CALIFORNIA BUILDING CODE SECTION 10, T-24 CCR.

A. Opening force shall be as follows:
   1. Interior Doors: 5.0 pounds force.
   2. Exterior Doors: 5.0 pounds force.
   3. Fire Rated Doors: Maximum allowed by the authority having jurisdiction, not to exceed 15.0 pounds force.

3.6 ADJUST CLOSER DELAY AND OPERATING SPEEDS TO COMPLY WITH REQUIREMENTS OF CALIFORNIA BUILDING CODE T-24 AND THE AMERICANS WITH DISABILITIES ACT ARCHITECTURAL GUIDELINES, ARTICLE 4.13.10

A. The sweep period of the door closers shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door.

B. Closer Certification: Provide written certification, signed by door closer representative, stating closers were inspected and installed in accordance with specified opening force and delay requirements.

3.7 INSTALL THRESHOLDS IN FULL BID OF SEALANT AT FRONT AND SIDE EDGE.

3.8 DOOR HARDWARE SCHEDULE
### HW-1 Each Door To Have

| 1 | Continuous Hinge | CFMXXHD1 | 628 | PEM |
| 1 | Classroom Lockset | L9070HD-03L | 630 | SCH |
| 1 | Core | 80-036 | 626 | SCH |
| 1 | Closer | (P)4041 | 689 | LCN |
| 1 | Kick Plate | K0050 | 630 | TRM |
| 1 | Floor Stop | 1214H | 626 | TRM |
| 1 | Latch Guard | 8957-S @ Rev. Bev. | 630 | MAG |
| 1 | Weather Seal Set | 332CS | 628 | PEM |
| 1 | Door Sweep | 3452CNB | 628 | PEM |
| 1 | Threshold | 2727A SS/MS&ES25 | 719 | PEM |

### HW-2 Each Exterior Door To Have

| 3 | Hinges | BB850 4½ x 4½ | 630 | HAG |
| 1 | Classroom Lockset | L9070HD-03L | 630 | SCH |
| 1 | Core | 80-036 | 626 | SCH |
| 1 | Closer | (P)4041-DA | 689 | LCN |
| 1 | Floor Stop | 1214H (1211 Inswing) | 626 | TRM |
| 1 | Weather Seal Set | 332CS | 628 | PEM |
| 1 | Door Sweep | 3452CNB | 628 | PEM |
| 1 | Threshold | 2727A SS/MS&ES25 | 719 | PEM |

Existing openings, field verify and replace all necessary hardware to conform to current codes.

### HW-3 Each Door To Have

| 3 | Hinges | AB800 4½ x 4½ | 630 | HAG |
| 1 | Storeroom Lockset | L9080HD-03L | 630 | SCH |
| 1 | Core | 80-036 | 626 | SCH |
| 1 | Closer | 4041H | 689 | LCN |
| 1 | Floor Stop | 1211 | 626 | TRM |
| 1 | Weather Seal Set | 332CS | 628 | PEM |
| 1 | Door Sweep | 3452CNB | 628 | PEM |
| 1 | Threshold | 2727A SS/MS&ES25 | 719 | PEM |

### HW-4 Each Exterior Door To Have

| 1 | Continuous Hinge | CFMXXHD1 | 628 | PEM |
| 1 | Exit Device | CD99NL-OP | 626 | VON |
| 1 | Rim Cylinder | 20-057 | 626 | SCH |
| 1 | Mortise Cylinder | 26-091 | 626 | SCH |
| 2 | Cores | 80-036 | 626 | SCH |
| 1 | Closer | 4041-EDA | 689 | LCN |
| 1 | Pull | VR910-NL | 630 | IVE |
| 1 | Floor Stop | 1214H | 630 | TRM |
| 1 | Weather Seal Set | 332CS | 628 | PEM |
| 1 | Door Sweep | 3452CNB | 628 | PEM |
| 1 | Threshold | 2727A SS/MS&ES25 | 628 | PEM |
| 1 | Door Contact | 1076C | - | SEN |

Alarm interface and wiring by Division 16.

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ADDENDUM #3  08710-10 -  FINISH HARDWARE
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<td>Coordinator 600 Series Complete</td>
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<tr>
<td>1</td>
<td>Classroom Lockset L9070HD-03L</td>
</tr>
<tr>
<td>1</td>
<td>Core 80-036</td>
</tr>
<tr>
<td>2</td>
<td>Closer (P)4041-DA</td>
</tr>
<tr>
<td>2</td>
<td>Floor Stop 1214H (1211 Inswing)</td>
</tr>
<tr>
<td>1</td>
<td>Astragal 357SS x Security Screws</td>
</tr>
<tr>
<td>1</td>
<td>Weather Seal Set 332CS</td>
</tr>
<tr>
<td>2</td>
<td>Door Sweep 3452CNB</td>
</tr>
<tr>
<td>1</td>
<td>Threshold 2727A SS/MS&amp;ES25</td>
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<tr>
<th>HW-7</th>
<th>Each Exterior Glass Pair Doors To Have</th>
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<tbody>
<tr>
<td>2</td>
<td>Floor Closer PH328</td>
</tr>
<tr>
<td>2</td>
<td>Bottom Rail Lock 1830</td>
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<tr>
<td>2</td>
<td>Mortise Cylinder 26-091</td>
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<tr>
<td>2</td>
<td>Cores 80-036</td>
</tr>
<tr>
<td>2</td>
<td>Pull Set 6669 38 x 0580 10</td>
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<td>Threshold Type 1- 2748A SS/MS&amp;ES25</td>
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<tr>
<td>1</td>
<td>Track &amp; Hardware H200A Complete</td>
</tr>
<tr>
<td>2</td>
<td>Pull 6610 x 0580 32</td>
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<th>HW-9</th>
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<tbody>
<tr>
<td>3</td>
<td>Hinges AB800 4½ x 4½</td>
</tr>
<tr>
<td>1</td>
<td>Privacy Lockset L9040HD-03L-L583-363</td>
</tr>
<tr>
<td>1</td>
<td>Core 80-036</td>
</tr>
<tr>
<td>1</td>
<td>Closer (P)4041-DA</td>
</tr>
<tr>
<td>1</td>
<td>Kick Plate K0050</td>
</tr>
<tr>
<td>1</td>
<td>Floor Stop 1211</td>
</tr>
<tr>
<td>1</td>
<td>Wall Stop 1270WV @ Rev. Bev.</td>
</tr>
<tr>
<td>1</td>
<td>Set Seal S88</td>
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ADDENDUM #3 08710-11 FINISH HARDWARE
<table>
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<tbody>
<tr>
<td>3 Hinges</td>
<td>AB800 4½ x 4½</td>
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<td>1 Office Lockset</td>
<td>L9050HD-03L-L583-363</td>
</tr>
<tr>
<td>1 Core</td>
<td>80-036</td>
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<td>1 Floor Stop</td>
<td>1211</td>
</tr>
<tr>
<td>1 Set Seal</td>
<td>S88</td>
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<table>
<thead>
<tr>
<th>HW-11 Each Door To Have</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Hinges</td>
<td>AB850 4½ x 4½</td>
</tr>
<tr>
<td>1 Office Lockset</td>
<td>L9050HD-03L-L583-363</td>
</tr>
<tr>
<td>1 Core</td>
<td>80-036</td>
</tr>
<tr>
<td>1 OH Stop</td>
<td>1000SL Series</td>
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<tr>
<td>1 Set Seal</td>
<td>S88</td>
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<td>3 Hinges</td>
<td>AB800 4½ x 4½</td>
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<tr>
<td>1 NS Office Lockset</td>
<td>8806.7189-1146.1410.9001x9002</td>
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<td>1 Office Lockset</td>
<td>L9050HD-03L-L583-363</td>
</tr>
<tr>
<td>1 Cylinder</td>
<td>80-132</td>
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<tr>
<td>1 Core</td>
<td>80-036</td>
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<tr>
<td>1 Floor Stop</td>
<td>1211</td>
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<tr>
<td>1 Set Seal</td>
<td>S88</td>
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<tr>
<th>HW-13 Each Door To Have</th>
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<tbody>
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<td>3 Hinges</td>
<td>AB850 4½ x 4½</td>
</tr>
<tr>
<td>1 Classroom Lockset</td>
<td>L9070HD-03L</td>
</tr>
<tr>
<td>1 Core</td>
<td>80-036</td>
</tr>
<tr>
<td>1 Floor Stop</td>
<td>1211</td>
</tr>
<tr>
<td>1 Wall Stop</td>
<td>1270WV @ Rev. Bev.</td>
</tr>
<tr>
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<td>1229</td>
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<table>
<thead>
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</tr>
<tr>
<td>1 Classroom Lockset</td>
<td>L9070HD-03L</td>
</tr>
<tr>
<td>1 Core</td>
<td>80-036</td>
</tr>
<tr>
<td>1 Floor Stop</td>
<td>1211</td>
</tr>
<tr>
<td>1 Wall Stop</td>
<td>1270WV @ Rev. Bev.</td>
</tr>
<tr>
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<thead>
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<th>HW-15 Each Door To Have</th>
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</tr>
<tr>
<td>1 Classroom Lockset</td>
<td>L9070HD-03L</td>
</tr>
<tr>
<td>1 Core</td>
<td>80-036</td>
</tr>
<tr>
<td>1 OH Stop</td>
<td>9000 Series</td>
</tr>
<tr>
<td>1 Wall Stop</td>
<td>1270WV @ Rev. Bev.</td>
</tr>
<tr>
<td>3 Silencer</td>
<td>1229</td>
</tr>
<tr>
<td>HW-16 Each Door To Have</td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------</td>
</tr>
<tr>
<td><strong>3</strong> Hinges AB850 4½ x 4½</td>
<td>630 HAG</td>
</tr>
<tr>
<td><strong>1</strong> Classroom Lockset L9070HD-03L</td>
<td>630 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Core 80-036</td>
<td>626 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Closer (P)4041-DA</td>
<td>689 LCN</td>
</tr>
<tr>
<td><strong>1</strong> Kick Plate K0050</td>
<td>630 TRM</td>
</tr>
<tr>
<td><strong>1</strong> Floor Stop 1211</td>
<td>626 TRM</td>
</tr>
<tr>
<td><strong>1</strong> Wall Stop 1270WV @ Rev. Bev.</td>
<td>630 TRM</td>
</tr>
<tr>
<td><strong>1</strong> Set Seal S88</td>
<td>- PEM</td>
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<table>
<thead>
<tr>
<th>HW-17 Each Door To Have</th>
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<tr>
<td><strong>3</strong> Hinges AB850 4½ x 4½</td>
<td>630 HAG</td>
</tr>
<tr>
<td><strong>1</strong> Classroom Lockset L9070HD-03L</td>
<td>630 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Core 80-036</td>
<td>626 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Closer/Stop 4041H-CUSH</td>
<td>689 LCN</td>
</tr>
<tr>
<td><strong>1</strong> Kick Plate K0050</td>
<td>630 TRM</td>
</tr>
<tr>
<td><strong>1</strong> Set Seal S88</td>
<td>- PEM</td>
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<thead>
<tr>
<th>HW-18 Each Door To Have</th>
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<tbody>
<tr>
<td><strong>3</strong> Hinges AB800 4½ x 4½</td>
<td>630 HAG</td>
</tr>
<tr>
<td><strong>1</strong> Storeroom Lockset L9080HD-03L</td>
<td>630 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Core 80-036</td>
<td>626 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Kick Plate K0050 @ Custodian</td>
<td>630 TRM</td>
</tr>
<tr>
<td><strong>1</strong> Floor Stop 1211</td>
<td>626 TRM</td>
</tr>
<tr>
<td><strong>1</strong> Wall Stop 1270WV @ Rev. Bev.</td>
<td>630 TRM</td>
</tr>
<tr>
<td><strong>3</strong> Silencer 1229</td>
<td>GR TRM</td>
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<table>
<thead>
<tr>
<th>HW-19 Each Door To Have</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3</strong> Hinges AB800 4½ x 4½</td>
<td>630 HAG</td>
</tr>
<tr>
<td><strong>1</strong> Storeroom Lockset L9080HD-03L</td>
<td>626 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Core 80-036</td>
<td>626 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Closer (P)4041</td>
<td>689 LCN</td>
</tr>
<tr>
<td><strong>1</strong> Floor Stop 1211</td>
<td>626 TRM</td>
</tr>
<tr>
<td><strong>1</strong> Wall Stop 1270WV @ Rev. Bev.</td>
<td>630 TRM</td>
</tr>
<tr>
<td><strong>3</strong> Silencer 1229</td>
<td>GR TRM</td>
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<table>
<thead>
<tr>
<th>HW-20 Each Door To Have</th>
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</thead>
<tbody>
<tr>
<td><strong>3</strong> Hinges AB850 4½ x 4½</td>
<td>630 HAG</td>
</tr>
<tr>
<td><strong>1</strong> Storeroom Lockset L9080HD-03L</td>
<td>626 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Core 80-036</td>
<td>626 SCH</td>
</tr>
<tr>
<td><strong>1</strong> Closer (P)4041</td>
<td>689 LCN</td>
</tr>
<tr>
<td><strong>1</strong> Floor Stop 1211</td>
<td>626 TRM</td>
</tr>
<tr>
<td><strong>1</strong> Wall Stop 1270WV @ Rev. Bev.</td>
<td>630 TRM</td>
</tr>
<tr>
<td><strong>3</strong> Silencer 1229</td>
<td>GR TRM</td>
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ADDENDUM #3 08710-13 FINISH HARDWARE
HW-21 Each Door To Have

<table>
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<th>Item</th>
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<th>Description</th>
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<tr>
<td>3 Hinges</td>
<td></td>
<td>AB850 4 1/2 x 4 1/2</td>
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<td>630</td>
</tr>
<tr>
<td>1 Classroom Lockset</td>
<td></td>
<td>L9466HD-03L</td>
<td></td>
<td>630</td>
</tr>
<tr>
<td>1 Core</td>
<td></td>
<td>80-036</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 OH Stop</td>
<td></td>
<td>9000 Series</td>
<td></td>
<td>630</td>
</tr>
<tr>
<td>1 Wall Stop</td>
<td></td>
<td>1270WV @ Rev. Bev.</td>
<td></td>
<td>630</td>
</tr>
<tr>
<td>3 Silencer</td>
<td></td>
<td>1229</td>
<td></td>
<td>GR</td>
</tr>
</tbody>
</table>

HW-22 Each Existing Single and Pair Doors To Have

Existing openings, field verify and replace all necessary hardware to conform to current codes. Where existing hardware will remain provide new cylinder to match University's current keyway.

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Unit</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/3 Hinges</td>
<td></td>
<td></td>
<td></td>
<td>630</td>
</tr>
<tr>
<td>1 Auto Bolt Set</td>
<td></td>
<td>@ 842 x 80</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 Coordinator</td>
<td></td>
<td>@ 690 Series Complete</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 Lockset</td>
<td></td>
<td></td>
<td></td>
<td>630</td>
</tr>
<tr>
<td>1 Core</td>
<td></td>
<td>80-036</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 Closer</td>
<td></td>
<td>889</td>
<td></td>
<td>630</td>
</tr>
<tr>
<td>1 Kick Plate</td>
<td></td>
<td></td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>2/1 Floor Stop</td>
<td></td>
<td>1211</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>2/1 Wall Stop</td>
<td></td>
<td>1270WV @ Rev. Bev.</td>
<td></td>
<td>630</td>
</tr>
<tr>
<td>1 Set Seal</td>
<td></td>
<td>S88</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 Astragal</td>
<td></td>
<td>@ 357 SS x Security Screws</td>
<td></td>
<td>628</td>
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<tr>
<td>1 Weather Seal Set</td>
<td></td>
<td>332CS</td>
<td></td>
<td>628</td>
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<tr>
<td>2/1 Door Sweep</td>
<td></td>
<td>3452CNB</td>
<td></td>
<td>628</td>
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<tr>
<td>1 Threshold</td>
<td></td>
<td>2727A SS/MS&amp;ES25</td>
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<td>719</td>
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- As Required
- Replace existing
- Interior doors
- At Pair

HW-22 Each Existing Single Exterior Door To Have:

<table>
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<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Unit</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 EA Lockset</td>
<td></td>
<td>ND94HD TLR</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 EA Core</td>
<td></td>
<td>80-036</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 EA Closer (P) 4041</td>
<td></td>
<td></td>
<td></td>
<td>689</td>
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</table>

HW-23 Each Existing Single Interior Door To Have:

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Unit</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 EA Lockset</td>
<td></td>
<td>ND70HD TLR</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 EA Core</td>
<td></td>
<td>80-036</td>
<td></td>
<td>626</td>
</tr>
</tbody>
</table>

HW-24 Each Existing Pair Exterior Doors To Have:

<table>
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<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
<th>Unit</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 EA Lockset</td>
<td></td>
<td>ND94HD TLR</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 EA Core</td>
<td></td>
<td>80-036</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>2 EA Closers (P) 4041</td>
<td></td>
<td></td>
<td></td>
<td>689</td>
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HW-25 Each Existing Pair Interior Doors To Have:

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<tr>
<th>Item</th>
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<th>Unit</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 EA Lockset</td>
<td></td>
<td>ND70HD TLR</td>
<td></td>
<td>626</td>
</tr>
<tr>
<td>1 EA Core</td>
<td></td>
<td>80-036</td>
<td></td>
<td>626</td>
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END OF SECTION 08710
SECTION 09220

PORTLAND CEMENT PLASTER

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

A. Section Includes:

1. Exterior portland cement soffits on metal lath.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: Show locations and installation of control and expansion joints including plans, elevations, sections, details of components, and attachments to other work.

C. Samples for Verification: For each type of factory-prepared finish coat indicated; 12 by 12 inches (305 by 305 mm), and prepared on rigid backing.

1.4 QUALITY ASSURANCE

A. Preinstallation Conference: Conduct conference at Project site.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, and other causes.

1.6 PROJECT CONDITIONS

A. Comply with ASTM C 926 requirements.

B. Exterior Plasterwork:
1. Apply and cure plaster to prevent plaster drying out during curing period. Use procedures required by climatic conditions, including moist curing, providing coverings, and providing barriers to deflect sunlight and wind.

2. Apply plaster when ambient temperature is greater than 40 deg F (4.4 deg C).

3. Protect plaster coats from freezing for not less than 48 hours after set of plaster coat has occurred.

C. Factory-Prepared Finishes: Comply with manufacturer’s written recommendations for environmental conditions for applying finishes.

PART 2 - PRODUCTS

2.1 METAL LATH


1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   a. Alabama Metal Industries Corporation; a Gibraltar Industries company.
   b. CEMCO.
   c. Dietrich Metal Framing; a Worthington Industries company.
   d. Or equal.

2. 3/8-Inch (9.5-mm) Rib Lath: 3.4 lb/sq. yd. (1.8 kg/sq. m).

B. Paper Backing: FS UU-B-790, Type I, Grade D, Style 2 vapor-permeable paper.

2.2 ACCESSORIES

A. General: Comply with ASTM C 1063 and coordinate depth of trim and accessories with thicknesses and number of plaster coats required.

B. Metal Accessories:

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
   a. Alabama Metal Industries Corporation; a Gibraltar Industries company.
   b. CEMCO.
   c. Dietrich Metal Framing; a Worthington Industries company.
   d. Or equal.


4. Control Joints: Fabricated from zinc; one-piece-type, folded pair of unperforated screeds in M-shaped configuration; with perforated flanges and removable protective tape on plaster face of control joint.
5. Expansion Joints: Fabricated from zinc; folded pair of unperforated screeds in M-shaped configuration; with expanded flanges.

2.3 MISCELLANEOUS MATERIALS

A. Water for Mixing: Potable and free of substances capable of affecting plaster set or of damaging plaster, lath, or accessories.

B. Fasteners for Attaching Metal Lath to Substrates: Complying with ASTM C 1063.

C. Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, not less than 0.0475-inch (1.21-mm) diameter, unless otherwise indicated.

2.4 PLASTER MATERIALS

A. Portland Cement: ASTM C 150, Type I.

B. Lime: ASTM C 206, Type S; or ASTM C 207, Type S.


1. Products: Subject to compliance with requirements, provide one of the following:
   b. LaHabra, a brand of ParexLaHabra, Inc.; Exterior Stucco Color Coat.
   d. Or equal.

2.5 PLASTER MIXES

A. General: Comply with ASTM C 926 for applications indicated.

B. Base-Coat Mixes for Use over Metal Lath: Scratch and brown coats for three-coat plasterwork as follows:

1. Portland Cement Mixes:
   a. Scratch Coat: For cementitious material, mix 1 part portland cement and 0 to 3/4 parts lime. Use 2-1/2 to 4 parts aggregate per part of cementitious material.
   b. Brown Coat: For cementitious material, mix 1 part portland cement and 0 to 3/4 parts lime. Use 3 to 5 parts aggregate per part of cementitious material, but not less than volume of aggregate used in scratch coat.
C. Job-Mixed Finish-Coat Mixes:

1. Portland Cement Mix: For cementitious materials, mix 1 part portland cement and 1-1/2 to 2 parts lime. Use 1-1/2 to 3 parts aggregate per part of cementitious material.

D. Factory-Prepared Finish-Coat Mixes: For ready-mixed finish-coat plasters, comply with manufacturer’s written instructions.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine areas and substrates, with Installer present, and including welded hollow-metal frames, cast-in anchors, and structural framing, for compliance with requirements and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Protect adjacent work from soiling, spattering, moisture deterioration, and other harmful effects caused by plastering.

B. Prepare solid substrates for plaster that are smooth or that do not have the suction capability required to bond with plaster according to ASTM C 926.

3.3 INSTALLING METAL LATH

A. Expanded-Metal Lath: Install according to ASTM C 1063.

1. Exterior Soffits: Install 3/8-inch (9.5-mm) rib lath lath.

3.4 INSTALLING ACCESSORIES

A. Install according to ASTM C 1063 and at locations indicated on Drawings.

B. Reinforcement for External Corners:

1. Install lath-type, external-corner reinforcement at exterior locations.

C. Control Joints: Install control joints in specific locations approved by Architect for visual effect as follows:

1. As required to delineate plasterwork into areas (panels) of the following maximum sizes:
   a. Horizontal and other Nonvertical Surfaces: 100 sq. ft. (9.3 sq. m).

2. At distances between control joints of not greater than 18 feet (5.5 m) o.c.
3. As required to delineate plasterwork into areas (panels) with length-to-width ratios of not greater than 2-1/2:1.
4. Where control joints occur in surface of construction directly behind plaster.
5. Where plasterwork areas change dimensions, to delineate rectangular-shaped areas (panels) and to relieve the stress that occurs at the corner formed by the dimension change.

3.5 PLASTER APPLICATION

A. General: Comply with ASTM C 926.

1. Do not deviate more than plus or minus 1/4 inch in 10 feet (6.4 mm in 3 m) from a true plane in finished plaster surfaces, as measured by a 10-foot (3-m) straightedge placed on surface.
2. Finish plaster flush with metal frames and other built-in metal items or accessories that act as a plaster ground unless otherwise indicated. Where casing bead does not terminate plaster at metal frame, cut base coat free from metal frame before plaster sets and groove finish coat at junctures with metal.
3. Provide plaster surfaces that are ready to receive field-applied finishes indicated.

B. Base-Coat Mixes for Use over Metal Lath: Scratch and brown coats for three-coat plasterwork; 7/8-inch (22-mm) thickness.

1. Portland cement mixes.

C. Plaster Finish Coats: Apply to provide float finish to match Architect's sample.

3.6 PLASTER REPAIRS

A. Repair or replace work to eliminate cracks, dents, blisters, buckles, crazing and check cracking, dry outs, efflorescence, sweat outs, and similar defects and where bond to substrate has failed.

3.7 PROTECTION

A. Remove temporary protection and enclosure of other work. Promptly remove plaster from door frames, windows, and other surfaces not indicated to be plastered. Repair floors, walls, and other surfaces stained, marred, or otherwise damaged during plastering.

END OF SECTION 09220
FLOOR FINISH IN MACHINE SHOP TO REMAIN, PROTECT IN PLACE

ADDENDUM #3 JULY 8, 2010

STUDIOS architecture

UNIT 2 BASEMENT SHEETS A1.10 AND A2.10

ASK001
ALTERNATE #4: LANDSCAPING (ADDITIVE)

1. REMOVE EXISTING CONCRETE SLAB AT SHED LOCATION AND REPLACEMENT CONCRETE Slab (if proposed). REMOVE 2 EXISTING SHRUBS WHERE NEW HEDGING IS PROPOSED
2. INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION
3. INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION
4. INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION
5. INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION

ALTERNATE #1: NORTH WEST ROOF #3 (ADDITIVE)

1. REMOVE AND REPLACE ROOF DECKING, LEAF & FINE DUST **IN PLACE**.
2. INSTALL NEW ROOF SHEET METAL
3. INSTALL NEW AIR VENTILATION SHED SHEET METAL
4. INSTALL NEW ROOF SHEETERS
5. INSTALL NEW ROOF SHEETERS

ALTERNATE #2: CEILINGS, SOFFITS, AND LIGHTING (DEDUCTIVE)

1. REMOVE EXISTING CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. REMOVE EXISTING LIGHTS AND Replace WITH INTEGRAL LIGHTS.
2. INSTALL NEW CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. INSTALL INTEGRAL LIGHTS.
3. INSTALL NEW CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. INSTALL INTEGRAL LIGHTS.
4. INSTALL NEW CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. INSTALL INTEGRAL LIGHTS.
5. INSTALL NEW CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. INSTALL INTEGRAL LIGHTS.

ALTERNATE #3: HVAC (ADDITIVE)

1. INSTALL NEW ROOF UNIT #3
2. INSTALL NEW HANGING UNIT
3. INSTALL NEW HANGING UNIT
4. INSTALL NEW HANGING UNIT

NOTES:

- REMOVE EXISTING CONCRETE SLAB AT SHED LOCATION. INSTALL NEW CONCRETE SLAB (if proposed). REMOVE 2 EXISTING SHRUBS WHERE NEW HEDGING IS PROPOSED.
- INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION.
- INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION.
- INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION.
- INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION.

- REMOVE AND REPLACE ROOF DECKING, LEAF & FINE DUST **IN PLACE**. INSTALL NEW ROOF SHEET METAL. INSTALL NEW AIR VENTILATION SHED SHEET METAL. INSTALL NEW ROOF SHEETERS.

- REMOVE EXISTING CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. INSTALL INTEGRAL LIGHTS.

- REMOVE EXISTING CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. INSTALL INTEGRAL LIGHTS.

- INSTALL NEW ROOF UNIT #3
- INSTALL NEW HANGING UNIT
- INSTALL NEW HANGING UNIT
- INSTALL NEW HANGING UNIT

- NOTES:
  - REMOVE EXISTING CONCRETE SLAB AT SHED LOCATION. INSTALL NEW CONCRETE SLAB (if proposed). REMOVE 2 EXISTING SHRUBS WHERE NEW HEDGING IS PROPOSED.
  - INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION.
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- REMOVE AND REPLACE ROOF DECKING, LEAF & FINE DUST **IN PLACE**. INSTALL NEW ROOF SHEET METAL. INSTALL NEW AIR VENTILATION SHED SHEET METAL. INSTALL NEW ROOF SHEETERS.

- REMOVE EXISTING CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. INSTALL INTEGRAL LIGHTS.

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- INSTALL NEW HANGING UNIT
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- NOTES:
  - REMOVE EXISTING CONCRETE SLAB AT SHED LOCATION. INSTALL NEW CONCRETE SLAB (if proposed). REMOVE 2 EXISTING SHRUBS WHERE NEW HEDGING IS PROPOSED.
  - INSTALL NEW HEDGE AND AUTOMATIC IRRIGATION.
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- REMOVE AND REPLACE ROOF DECKING, LEAF & FINE DUST **IN PLACE**. INSTALL NEW ROOF SHEET METAL. INSTALL NEW AIR VENTILATION SHED SHEET METAL. INSTALL NEW ROOF SHEETERS.

- REMOVE EXISTING CEILINGS AND SOFFITS FROM ALUMINUM TUBES AND Replace WITH STEEL TUBES. INSTALL INTEGRAL LIGHTS.
**NOTE**  
EXISTING OPENINGS, FIELD VERIFY AND REPLACE ALL NACCESSARY HARDWARE TO CONFORM TO CURRENT CODES. WHERE EXISTING HARDWARE WILL REMAIN PROVIDE CYLINDER TO MATCH UNIVERSITY'S CURRENT KEYWAY.  
PREFER TO USE DLTS 8, 13, 15A, 21 AND 1, 2, 3, 4, 7, 8 AND 7 FOR ALL TYP. ROOM SIGNAGE. ROOM SIGNAGE TO APPLY TO ALL DOORS. UNIVERSITY REP. TO CONFIRM TEXT.