

**Project Name: UNIVERSITY OF CALIFORNIA, MERCED
CLASSROOM & ACADEMIC OFFICE BUILDING**

Project No.: 900290

ADDENDUM NO. 3
to the
CONTRACT DOCUMENTS
March 12, 2014

- I. Bidder acknowledges that it is the Bidder's responsibility to ascertain whether any Addenda have been issued and if so, to obtain copies of such Addenda. Bidder therefore agrees to be bound by all Addenda that have been issued for this bid.

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents. The following changes, additions, or deletions shall be made to the following documents as indicated and all other Contract Documents shall remain the same.

II. CLARIFICATIONS

- A. PRE-BID QUESTIONS – Questions received from bidders and responses are as follows:
1. Q. Per Automated Logic Corp rep., they stated that they typically supply directly to the University. Please clarify if the OFCI or CFCI. (RFI053)
A. Section 26 50 10 is Contractor Furnish, Contractor Install (CFCI).
 2. Q. The raise seating at the Lecture Halls looks to be all non-combustible. If so, fire sprinklers should not be required under the raised seating. Please confirm? (RFI057)
A. Sprinklers are not required in this space, if constructed per plans.
 3. Q. Sheet F3.1 shows a combination standpipe (CSP). Per NFPA 14 this standpipe requires to 100 psi at the most remote roof hose valve. Is the fire department truck providing this pressure? (RFI117)
A. Yes. Fire Department provides the pressure at the room for the standpipe.
 4. Q. Will we be allow to dispose of the stripped grass and organics at the dedicated campus disposal site? (RFI109)
A. Stripped grass and other compostable organics are to be disposed of off campus at a local landfill.
 5. Q. Sheet T0.12 shows connections to the existing library, existing COB and existing MDF. The site comm plan, T1.01 doesn't show pathways or the locations of the tie ins. Please provide the tie in locations and the routing path. And are these existing conduits that we can use. (RFI124)
A. The CAOB fire alarm system fiber routing to the existing fire alarm panels in the Library and COB as depicted in the Sheet E0.14 Fire Alarm Riser Diagram and Sheet T0.12 Telecommunication Riser Diagram are to be as shown in the attached RFI 124 Answer Attachment. This drawing shows the CAOB point of connection to an existing ductbank in Shaver Lake. The fiber from the CAOB building is to route through the existing ductbank

IT/C 2 to the existing Communication manhole IT/CMH 202D-04A , 4 4" conduits breakout North for 18.42 Ft. ductbank C2-7 this is the path to the COB BDF. From the end of ductbank C2-7 shown terminating next to the COB building the new fire alarm fiber is to route through an existing underground ductbank to Room 1U3 BDF (approximately 200 linear feet), then from that location route through overhead conduit/cable tray path to Room 1U8 (approximately 100 linear feet) IDF for 62.5 Fire Alarm Patch Panel .

The path to the Library is the same as COB plus it continues east out of manhole IT/CMH 202D-04A for approximately 25 ft. ductbank C2-4, 16 4" conduits interconnect to manhole IT/CMH 202D-04B. Exit manhole IT/CMH 202D-04B, south via ductbank C2-6, 83.3 ft. to edge of the Library. From the end of ductbank C2-6 shown terminating next to the Library the new fire alarm fiber is to route through an existing underground ductbank to Room 194 (approximately 25 linear feet), then from that location route through overhead conduit/cable tray path (approximately 160 linear feet) to Room 1M3 FACP."

III. **BIDDING/CONTRACT DOCUMENTS AND DIVISION 1 SPECIFICATIONS – VOLUME 0**

1. **ADD:** 01 78 36 Guarantees, Warranties, Bonds, Service & Maintenance Contracts. Section attached to this Addenda.
2. **REPLACE:** 01 43 40 Exterior Enclosure Performance Requirements in it's entirely with Section attached to this Addenda.
3. **REPLACE:** 01 22 00 Unit Prices in it's entirely with Section attached to this Addenda.
4. **ADD:** Best Value Proposal Bidding Procedures Section attached to this Addenda.
5. Scope Directive Bid Package 5-1 Steel: **REPLACE** with attached Scope to this Addenda.
6. Scope Directive Bid Package 7-2 Insulation: **REPLACE** with attached Scope to this Addenda.
7. Scope Directive Bid Package 8-2 Glass & Glazing: **REPLACE** with attached Scope to this Addenda.
8. Scope Directive Bid Package 9-3 Tile: **REPLACE** with attached Scope to this Addenda.
9. Scope Directive Bid Package 21-1 Fire Sprinkler: **REPLACE** with attached Scope to this Addenda.
10. Scope Directive Bid Package 22-1 Plumbing: **REPLACE** with attached Scope to this Addenda.
11. Scope Directive Bid Package 31-1 Earthwork, Utilities & Paving: **REPLACE** with attached Scope to this Addenda.
12. Scope Directive Bid 32-2 Landscape & Irrigation: **REPLACE** with attached Scope to this Addenda.
13. Scope Directive Bid Package 1-1 General Conditions: **REPLACE** with attached Scope to this Addenda.
13. BID Form (BEST VALUE ONLY): **REPLACE** with attached Scope to this Addenda.
14. Project Schedule: **REPLACE** with attached Schedule to this Addenda.

IV. **DIVISION 2 – 33 SPECIFICATIONS – VOLUME 1 & 2**

1. **REVISE** Table of Contents to reflect changes in specifications.
2. Q. Section 09 29 00 2.02D - Please specify a specific product for each location. (RFI031)
 - A. **ADD** section referring to attachment of new gypsum and cement board product schedule and **REVISE** LEED requirements .
3. **REPLACE** Section 09 29 00 Gypsum and Cement Board Product Schedule. Clarifies locations of different types of gyp. bd products. (RFI031)
4. Q. Specification 09 30 00-1.01.A.2. Mentions Stone Tile. I did not see any stone tile on the Finish Plans. Where does Stone Tile occur? (RFI121)
 - A. Remove references to stone tile, clarify membrane locations and applicable installation methods.
5. Q. Specification Section 093000-2.05 calls for a sound reduction matt. What Tile Council of North America installation method for this installation and what locations this material is to be used. (RFI122)
 - A. Remove references to stone tile, clarify membrane locations and applicable installation methods.
6. Q. Specification Section 093000-3.07.A.1&2. Gives 3 different Tile Council of North American installation methods. With the exception of TCNA F113A which could be with or without membrane, the remaining installation methods require a Waterproof or Crack Suppression membrane. I need more specific instruction as to where each of these installation methods occur. (RFI123)
 - A. Remove references to stone tile, clarify membrane locations and applicable installation methods.
7. Q. Please confirm that 2.05 D Elevator Monitoring System is required. (RFI048)
 - A. Section 14 21 00 Electric Traction Elevators – **REVISE** Elevator Monitoring System. New section attached to this Addenda.
8. Section 28 00 00 Basic Security requirements: **REMOVE** references to section 28 13 00. Added clarification to access control system scope of work.
9. Section 28 08 00 Security System Acceptance Testing: **REMOVE** references to access control system requirements.
10. Q. Section 28 13 00, Paragraph 1.03 Submittals: Will we be required to provide manufacturer qualifications for CBORD? (RFI026)
 - A. REMOVE this section.
11. Q. Section 28 13 00, Paragraph 1.04 Spare Parts: If the University is providing the access control equipment for contractor to install, who will be providing the Spare Parts? (RFI027)
 - A. REMOVE this section.
12. Q. Section 28 13 00, 3.02 Programming: Please confirm/clarify that we will or will not be programming this system. (RFI028)
 - A. REMOVE this section.
13. Q. Section 28 13 00.1.02 B states we are responsible for the installation of the owner provided access control panels and devices. It is my understanding that the last 2 projects the owner has provided, installed and programmed the ACMS system. Please clarify (RFI048)
 - A. REMOVE this section.

14. Section 28 26 00: **ADD** clarification to scope of work. New section attached to this Addenda.
15. Q. Please change the "non-extruded bituminous-type, resilient filler" to "zip strip" type product. (RFI004)
 - A. Section 03 32 00 Landscape Cast-In-Place Concrete paving expansion joint filler strip, sealant and other materials are described in Section 03 32 00, 2.5.B.
16. Section 21 13 00 Fire Sprinklers: **REVISE 21 13 00 1.07.D** clarification to submittal process. New section attached to this Addenda.
17. Section 28 31 13 Fire Alarm and Mass Notification System: **REVISE 28 31 13 1.05.D** clarification to submittal process. New section attached to this Addenda.
18. Section 03 30 00 Cast-In-Place Concrete: **REVISE** paragraph 3.06.D to further define concrete protection. Revise table 2 to further define use of CC-2 curing compound. **ADD** 3.11 to specify post-cure sealing. .New section attached to this Addenda.
19. NOT USED
20. Q. Addendum 1 produced a revised specification for landscape concrete 03 32 00. Paragraph 1.5.L mentions a glare reducing add mixture. What mixes are required to include this glare reducer, if any? (RFI136)
 - A. Remove reference to glare reducing mixture. New section attached to this Addenda.
21. Section 03 40 00 Precast Concrete Stair Treads: List additional mfrs. New section attached to this Addenda.
22. Q. Please confirm Wood species for Wood veneer cabinet is WD-03 Doug Fir per Finish schedule on A8.30, not plain sliced Maple per 064023 item 2.08C. Please specify cut for Doug Fir. (RFI063)
 - A. Section 06 40 23 Interior Architectural Woodwork: **CHANGE** 2.08 wood species to Doug Fir to match finish legend. New section attached to this Addenda.
23. Q. Spec section 074213 Formed Metal Wall Panels 2.03, B., 2., b. specifies a perforated panel for stair area in gives perforation pattern, 2.03, C., 2., b. does not give a perforation pattern, are we to assume perforation pattern at Screen Wall Panels to be the same as Perforated Panels at Stairs? (RFI143)
 - A. Section 07 42 13 Formed Metal Wall Panels: **DELETE** reference to perforation pattern in 2.03.C.2.b. New section attached to this Addenda.
24. Section 07 54 19 PVC Roofing: List additional mfrs. New section attached to this Addenda.
25. Section 08 12 16 Aluminum Frames: List additional mfrs. New section attached to this Addenda.
26. Section 08 14 16 Flush Wood Doors: List additional mfrs. New section attached to this Addenda.
27. Section 08 42 29 Sliding Automatic Entrances: List additional mfrs. New section attached to this Addenda.
28. Q. 08 44 13, 2.04 Insulated Spandrel Panels Clarify if they are included on Bid Package 8.2 Glass & Glazing and where are they located? 2.07 Light Shelves, Can't allocate on the Drawing. Advise if any? (RFI165)

- Q. Reference Drawing Aluminum Plate Detail 3/A4.56, Provide Specification of this materials? (RFI172)
- Q. Extended Aluminum Plate on reference drawing A4.61, A4.62, similar materials. (RFI173)
- A. Section 08 44 13 Glazed Aluminum Curtain Walls: Light shelves deleted (RFI #165), information on aluminum window surround added (RFI #172 & #173), color selections updated. Sunshade product and installation clarified. New section attached to this Addenda.
29. Section 09 65 19 Resilient Tile Flooring: List additional mfrs. New section attached to this Addenda.
30. Q. Spec section 096816 is for sheet carpeting that according to the spec is to be installed over carpet pad. However, the finish legend on Pages A8.30 - A8.32 shows that the carpet is to be a CARPET TILE. Can you please clarify what carpet they want? (RFI097)
- A. Section 09 68 13 Tile Carpeting: **REPLACE** Sheet Carpeting with this section. New section attached to this Addenda.
31. Section 09 68 16 Sheet Carpeting: **DELETE** this section (RFI097).
32. Section 09 84 33 Sound-Absorbing Wall and Ceiling Units: List additional mfrs. New section attached to this Addenda.
33. Q. Spec 101100 specifies sliding and fixed marker boards, as well as tack boards. Per interior elevations, we can only locate materials tagged with a 10 11 00 identifying them as marker boards. Can you clarify that these are all fixed marker boards and that there are no sliding marker boards and fixed tack boards? (RFI116)
- A. Section 10 11 00 Visual Display Surfaces: **REMOVE** reference to tack boards and sliding marker boards. New section attached to this Addenda.
34. Section 10 22 13 Wire Mesh Partitions: List additional mfrs. New section attached to this Addenda.
35. Q. Please refer to 2/A2.43 and 31/A6.06. You will see room "2T3 – Office Service/Pvt. Restroom" has a shower. Who is to provide the necessary accessories for this shower? (ie: shower seat, Lshape grab bar). Or is it a pre-fabbed unit? Please provide mfr./model /etc. (RFI135)
- A. Section 10 28 00 Toilet Accessories: **REVISE** section and schedule with shower accessories. New section attached to this Addenda.
36. Section 10 44 13 Fire Extinguisher Cabinets: List additional mfrs. New section attached to this Addenda.
37. Q. Please provide specification / fabric selection for blackout fabric (spec only includes solar shade information). (RFI147)
- Q. Section 122413 para 1.05.A.1 calls for attic stock "...Full size units equal to 5% of quantity installed for EACH size, color and shadeband material indicated, but no fewer than 2 units". As there are few "typical" sizes, this requirement could double the material cost for this scope. Would you consider "Provide fabricated components (shadebands, bracket hardware, chain and motors) equal to 5% of material cost. (RFI146)
- A. Section 12 24 13 Roller Window Shades: **REVISE** shade and blackout shade fabric selection (RFI #147), reduction in attic stock amount (RFI #146/UC Merced directive), List additional mfrs. New section attached to this Addenda.
38. Q. Please confirm SS-01 countertop is Hanstone (Color -Sterling grey) per finish plan A8.30, not Corian per Spec sec 123661 item 2.02B.1 (RFI061)

- Q. Sink in Room 3T3 is called out as LV-1H per P2.13B (Kohler K-2210 per Plumbing schedule P0.11); Please confirm this is typical for sinks at all SS-01 countertops and no integral sink is required per Spec sec 123661 item 2.02.C. (RFI062)
- A. Section 12 36 61 Simulated Stone Countertops: Basis of Design **CHANGED** to HanStone to reflect finish schedule (RFI #61), **DELETE** reference to integral sink bowls (RFI #62), List additional mfrs. New section attached to this Addenda.
39. Section 12 57 40 Site Furnishings: **ADD** skate deterrent. New section attached to this Addenda.
40. Q. 2.03.D.1 need more clarification on rotation, this was too be more specific on the ability of the chair to rotate 360 degrees, has this been eliminated if not needs to be stated to get exactly what is required for the client, please clarify (RFI205)
- Q. 2.03. G. Row letter – this is not an auditorium seat so there is no row identification or seat designation, the chair will be a task chair on a swing arm location by a fixed desk. This section and H section are not applicable. Please clarify. (RFI208)
- Q. 2.04 C. and D. UV coating does not apply this is an indoor application and this aspect is not applicable should be removed UV treatments are expressly utilized for outdoor applications. (RFI210)
- A. Section 12 61 00 Fixed Audience Tables and Seating: **ADDED** reference to Div. 26 for USB receptacles, **REVISE** chair rotation capability (RFI #205), **DELETE** reference to row letter (RFI #208), and UV treatment (RFI #210). New section attached to this Addenda.
41. Section 23 34 00 Fans: **DELETE** EF-7 Specification. New section attached to this Addenda.
42. Q. Sheet E1.01, General Note 2, states that all underground feeder conduits shall be installed in reinforced concrete encasement per detail 6/E6.04. The specs seem to state that sand and native backfill are acceptable for underground conduits. Is concrete encasement going to be required for the underground feeder conduits? If so, please provide reinforcing requirements. (RFI039)
- A. All underground feeder conduits shall be installed in concrete encasement per detail 6/E6.04 and per the requirements of specifications section 26 05 43. Requirements will be clarified in section 26 05 43 and "reinforced" will be deleted from general note 2 on drawing E1.01.
43. Q. Tamper resistant Pad Mount Transformers are self-cooled as indicated in 2.03-G. The addition of cooling fans, accessory spec 2.03 A 8, is not done and not available. Please acknowledge the exception of these fans. (RFI033)
- A. Section 26 12 16 Pad Mounted Transformers: **DELETE** cooling fans. New section attached to this Addenda
44. Section 26 22 00 Dry Type Transformers: **ADD** performance validation requirements. New section attached to this Addenda.
45. Section 26 27 26 Wiring Devices: **ADD** USB receptacle information. New section attached to this Addenda.
46. Section 26 50 05 Architectural Lighting Schedule: Light fixture A8 specification changed due to discontinued product. 1 page revised. New section attached to this Addenda.
47. Section 27 41 16 Integrated Audiovisual System: **UPGRADE** components. New section attached to this Addenda.

48. Section 27 41 17 AV System Control Software Programming: **UPDATED** equipment list. New section attached to this Addenda.
49. Q. Section 14 21 00 Electric Traction Elevator: Specified product is the basis of design, any substitutions will be considered per 01 25 00. Per 01 26 13 a request for substitution does not constitute a compliant RFI. (RFI040)
- Q. Please add Otis and Thyssen as equal to this specification. (RFI042)
- Q. Please confirm that Gen 2 by Otis is an acceptable alternate to the Specified product. (RFI051)
- A. Specified product is the basis of design, any substitutions will be considered per 01 25 00. Per 01 26 13 a request for substitution does not constitute a compliant RFI.
50. Q. The specified manufacturer EFCO stated that they can't provide the Sunshade per the details. (RFI043)
- A. SCB worked with EFCO to develop details and was provided with attached precedent as an example. Precedent shows sun shades anchored to curtain wall mullion and indicates possibility of cover plates attached to give appearance of continuous surface. Specification 08 44 13 2.02.D indicates source limitations.
51. Q. Please include Eggers and Marshfield as equal elevator manufacturers. (RFI044)
- A. Specified product is the basis of design, any substitutions will be considered per 01 25 00. Per 01 26 13 a request for substitution does not constitute a compliant RFI. Additional manufacturers list. New section attached to this Addenda.
52. Q. Please provide the number of access panels that we should carry in the bid. (RFI046)
- A. For Bid Package 9-1, bid to include installation of 50 panels in addition to those shown on the documents.
53. Q. Please delete "2.04A Fluid or Hydraulic..." as it only applies to Hydraulic Elevators. (RFI047)
- A. Specification refers to hydraulic buffers (e.g. hoistway), not the machine (which is described under a separate section). It is also written such that it only applies if hydraulic buffers are used. No change to this part of the specification.
54. Q. Please confirm if spec 10 56 00 applies to this project as we can't find any bike storage on the plans. (RFI052)
- A. Specification 10 56 00 is **DELETED**.
55. Q. Please confirm if spec 10 56 00 applies to this project as we can't find any bike storage on the plans. (RFI052)
- A. Specification 10 56 00 is **DELETED**.
56. Q. Sanitary Waste Diagram on Drawing P3.2 shows a 6" branch line serving a standpipe on Drawing P2.10B. Please provide pipe routing for this standpipe. (RFI067)
- A. We will locate the 6" standpipe and trap on P2.11B and route piping to 6" building drain shown.
57. Q. Sheet Note 7 on Drawing P2.11B indicates a clothes washer utility box with standpipe and p-trap; however, it is not shown on the Sanitary Waste Riser Diagram on Drawing P3.2. Is there a requirement for this utility box and standpipe? If so, please review drawing to show pipe routing for all services required. (RFI070)

- A. Clothes Washer is a part of the Project and relocated to 2J1. Refer to Addendum No. 3 drawings.
58. Q. On Drawing P2.11B there is 2" vent pipe for MS-1 shown; however, there is no continuation of that vent piping shown on Drawing P2.12B. Please provide a drawing showing the continuation of this vent piping. (RFI071)
- A. Vent piping added, refer to addendum No. 3 drawings. Riser located in 1J1 North East corner.
59. Q. Please provide vent pipe routing from FUD-1 shown on Drawing P2.11A as no routing is shown on the drawings. (RFI072)
- A. Vent piping added, and new riser at 3.5/A.5 following up RWL/SD risers though roof. Refer to addendum No. 3 drawings.
60. Q. Please provide vent pipe routing for SSK-1 shown on Drawing P2.11B as no routing is shown on the drawings. (RFI073)
- A. Vent piping added, refer to addendum No. 3 drawings. Riser located in 1J1 North East corner.
61. Q. Waste and vent pipe routing for Core Restrooms is incomplete. No waste or vent routing is shown for the floor drains; please provide. (RFI074)
- A. Please refer to drawings P3.2 for piping diagram for the toilet rooms, and drawing P6.1 for 1/4" scale plans of toilet room plumbing walls.
62. Q. Please clarify if we are to stub our plumbing utilities to 5' outside per Bid Package 22-1 – Plumbing or are we to extend our services per Site Plan on Drawing P1.01. (RFI075)
- A. Bid Package 22-1 is to stub 5' outside of building structure. i.e. building structure on the south side is Grid Line F.
63. Q. Indirect drain is specified as Type 'L' copper in Division 22, Specification Section 22 13 16-3.03D and condensate drain is listed in Division 23, Specification Section 23 21 12-3.01 as Type 'M' copper. The condensate drain is only shown on the HVAC M drawings. Which scope will carry the cost for condensate drains and what specification section will be adhered to? (RFI076)
- A. Condensate piping is not a part of Division 22 work; there delete specification from Section 22 13 16. Reference to Division 23 for work. These condensate piping is part of Bid Package 22-1 Plumbing.
64. Q. Auxiliary equipment overflow drains are specified in Division 23 as Type 'M' copper and shown on the HVAC M drawings. Will the equipment overflow drains be included with the condensate scope if the cost of the condensate drain is carried as plumbing scope? (RFI077)
- A. Bid Package 22-1 Plumbing will put both condensate drains and the equipment overflow drains as the Plumbing Contractor has ALL drains.
65. Q. The UCIP Safety Standards Manual lists a site orientation with up to 27 topics to be discussed for all workers new to the site. Approximately how many hours will the orientation be scheduled for? (RFI078)
- A. Pre-Construction Orientation is approximately 4 hours for subcontractors' administrators, and less than 30 minutes for field workers.

66. Q. Type 8 "Full Louvered Doors are shown at Openings 1M1 & 1M2A. The maximum Louver size available for 45 Minute Rated Openings is 24" x 24". Please confirm the use of 24"x24". (RFI079)
- A. Rated doors are not required at these locations. Revised sheet A8.10 attached to this Addenda.
67. Q. 120-D Door Type 4 is shown – Full Lite Storefront; This is an electrical closet. (RFI080)
- A. Changed to Type 2/HM
68. Q. 180-B Door Type 4 is shown – Full Lite Storefront; This is an electrical closet. (RFI081)
- A. Changed to Type 2/HM
69. Q. 180-C Door Type 4 is shown – Full Lite Storefront; This is a closet. (RFI082)
- A. Changed to Type 2/HM
70. Q. 2C4A Door Type 4 is shown – Full Lite Storefront; Doors are 60 Min. Hollow Metal. (RFI083)
- A. Changed to Type 2
71. Q. 2S2A Door Type 4 is shown – Full Lite Storefront; This is an electrical closet. (RFI084)
- A. Changed to Type 2/HM
72. Q. 295-F Door Type 4 is shown – Full Lite Storefront; This is an electrical closet. (RFI085)
- A. Changed to Type 2/HM
73. Q. 3C4 Door Type 4 is shown – Full Lite Storefront; Doors are 60 Min. Hollow Metal (RFI086)
- A. Changed to Type 2
74. Q. 3S2A Door Type 4 is shown – Full Lite Storefront; This is an electrical closet. (RFI087)
- A. Changed to Type 2/HM
75. Q. 410D Door Type 4 is shown – Full Lite Storefront; This is a Roof Opening. (RFI088)
- A. Changed to Type 7
76. Q. 410E Door Type 4 is shown – Full Lite Storefront; This is a Roof Opening. (RFI089)
- A. Changed to Type 7
77. Q. Comment refers to 110-A, not 110A. Frame Type 1 as shown is correct. Frame finish changed from AL to HM. (RFI090)
- A. Comment refers to 110-A, not 110A. Frame Type 1 as shown is correct. Frame finish changed from AL to HM.
78. Q. 110B Door is shown as Hollow Metal and the Frame is shown as Aluminum Storefront, is this correct? (RFI091)
- A. 110B does not exist. For 110-B, frame Type 1 as shown is correct. Frame finish changed from AL to HM.
79. Q. 175B Door is shown as Hollow Metal and the Frame is shown as Aluminum Storefront, is this correct? (RFI092)

- A. 175B does not exist. For 175-B, frame Type 1 as shown is correct. Frame finish changed from AL to HM.
80. Q. 233A Door Type 3 is shown – Full Lite Storefront and the material is shown as wood. The elevation on A6.08 shows FG Storefront. (RFI093)
- A. 233A does not exist. For 233, material remains SC WD
81. Q. 251 Door Type 3 is shown – Full Lite Storefront and the material is shown as wood. The elevation on A6.08 shows FG Storefront. (RFI094)
- A. Material remains SC WD
82. Q. Elevation 4 on sheet 16.10 indicated frames under section 08 12 16 yet the Door Schedule indicates Curtain Wall/Storefront. (RFI095)
- A. Doors shall be installed in interior frames as specified in 08 12 16
83. Q. Doors 334 and 233 going into the same room on different floors are not consistent. Please confirm. (RFI096)
- A. 233 should be similar to 334
84. Q. Spec section # 096816 is for SHEET CARPETING that according to the spec is to be installed over carpet pad. However, the finish legend on Pages A8.30 - A8.32 shows that the carpet is to be a CARPET TILE. Can you please clarify what carpet they want? (RFI097)
- A. Specification section removed and replaced with 09 68 13 Tile Carpeting. No pad.
85. Q. Will an elevator be available to bring the flooring materials to the second and third floors or will I need to get a Forklift/Gradeall to lift the materials? If I need a forklift, where will my access points be on the second and third floors? (RFI098)
- A. No. We will provide access point at each floor, location tbd.
86. Q. Several rooms do not have any flooring called out on the finish drawings A8.30-A8.32. What flooring and base do you want in rooms; 110A, 130A, 140A, 170A, 1M2A, 1M3, Elevators, 190, 213, 350, 354, 356, 360, 399A, 295A, 295B, 295D, and 295E. (RFI099)
- A. "110A, 130A, 140A, 170A: I-RF-03 (as noted on finish schedule for BOH spaces)
1M2A, 1M3: I-CNT-01, Elevators: I-TIL-01, 190: I-CNT-01 as base case, 213: I-RF-03
399A: I-RF-02, 295A, 295B, 295D, and 295E: all Digital Humanities I-CPT-02, 350, 354, 356 360 are documented on A8.32
87. Q. In rooms #1J1, 1U1, 1M2, and 1M1, custodial and service type rooms that get concrete floors do they also get rubber base? If so what base? (RFI100)
- A. I-RB-01
88. Q. Who is to provide the resilient flooring going on the raised access floors? Typically this is done by the raised access floor people because the resilient flooring is fitted to each tile at their factory. But the flooring scope says I am to do it. This would be VERY costly to apply resilient flooring to each tile in the field rather than at the factory. Doing the carpet would not be such a problem since it is laid on top and not integrated into the floor panel itself. (RFI101)
- A. Bid Package 9-4 Flooring.
89. Q. On page A8.31, hallway #2C8 and rooms #271-280, I believe the floor covering designations have been reversed. Please confirm that carpet #2 and RB-1 should be in the

offices and til-01 should be in the hallway not the other way around as it is now shown. (RFI102)

A. Confirmed.

90. Q. In rooms #290, and #390, the Scholarly Activity rooms, what floor material goes along the cabinet areas. detail 14/A6.50 does not show what material they want in this area it only calls out for the carpet tile. (RFI103)

A. I-RF-01

91. Q. What size tiles do they want to use for resilient floors 1-3? They come in different sizes and it is not called out on the plans or the spec's. (RFI104)

A. "-RF-01 : 24 X 24 TILE, I-RF-02: 6" X 36" PLANK, I-RF-03: 12 X 12 TILE

92. Q. Room # 215 calls out for vinyl base #1 but the finish legend does not have any vinyl base shown. Do you mean rubber base #1? (RFI105)

A. Should be I-RB-01

93. Q. The Interior elevation drawings show integral base to be installed at the bottoms of the cabinets. But they have called out for tile products not rolls of flooring material so you cannot cove the material. Please clarify what material you want on the base of the cabinets. (RFI106)

A. I-RB-08, see updated finish schedule

94. Q. In the tutorial classrooms 260-288 what rubber base do you want installed over the carpet #8? it is not called out like it is on carpet #2. Do you want the same material?. (RFI107)

A. Rubber base should match wall paint, refer to schedule and interior elevations.

95. Q. What wall base do you want in rooms 2J1 Janitor, #120 and #180 Prep/IT/AV/Storage?. (RFI108)

A. I-RB-01

96. Q. Will we be allow to dispose of the stripped grass and organics at the dedicated campus disposal site? (RFI109)

A. Reference response to Question 4.

97. Q. Detail 1/ A6.50 shaped wood cap no wood species noted- please confirm this is plain slice white maple with clear finish per Spec Sec 064023 2.05 B. (RFI110)

A. Repeat of item 71

98. Q. What is the thickness of the crushed rock section under building SOG? S2.01 does not specify and references you to detail 1/S3.02, which does not provide the requested information. 1/S3.02 also references you back to S2.01 for slab on grade legend, which that sheet does not have. Please clarify. (RFI111)

A. The granular base thickness is 4". The typical section of detail 1-S3.02 has been updated to reflect this. The reference of S2.01 from 1-S3.02 (Note 1) was for slab extents and types. This note has been removed completely.

99. Q. What is the footing, or grade beam type & size and depth on GL A.5 between 1 & 5? Sheet S2.01 does not identify. (RFI112)

A. Sheet S2.01 specifies a SF24x12 with a -5' - 6" top of footing elevation and a -6' - 6" bottom of footing elevation. This note is located in plan at Grid Line 3 between Lines D

and D.5 for the east wing. It should be noted that for the west wing a similar note is located at the D.5-15 Grid intersection.

100. Q. What are the thicknesses of the CIP walls on S3.04? Shall we scale? They all are thicker at the base and have a bell at about finish grade to a narrower thickness. (RFI113)
- A. Per Note A, DIMENSIONAL CONTROL, GENERAL NOTES, Sheet S0.02 scaled dimensions shall not be used. CIP wall thicknesses are specified in plan on S2.01. The top of wall conditions are specified in the architectural drawings. The note located along Line 6 between D and D.5 states "8" CONC. WALL TYP. @ LECTURE HALL PERIMETER, TYP. ALL NORTH & SOUTH LECTURE HALLS U.O.N." It should be noted that this note should specify EAST & WEST in lieu of NORTH & SOUTH. For example, consider the wall shown on S2.01 along Line 1 between Lines B and B.4. The wall thickness is specified per the before mentioned note. Sheet A2.11 refers to detail 1-A2.30 which then refers to detail 18-A4.65 where the top of wall condition is defined. It should be noted that where the architect specifies "CURB WIDTH, S.S.D." that what is meant is "WALL WIDTH, S.S.D."
101. Q. The wall details on sheet S3.04 all say either "SLD", "SAD", or just "T.O. Wall" for figuring out the elevations of the tops of walls. Which sheets should we use to determine the required wall heights? (RFI114)
- A. All details on S3.04 refer to architectural drawings for top of wall information. Landscape drawings and architectural drawings are referenced for top of slab information. For example, consider the wall shown on S2.01 along Line 1 between Lines B and B.4. Sheet A2.11 refers to detail 1-A2.30 which then refers to detail 18-A4.65 where the top of wall elevation is defined.
102. Q. Please provide design loads for the raise access floor system. (RFI115)
- A. Refer to specification section 096900.2.01.B.
103. Q. Spec 101100 specifies sliding and fixed marker boards, as well as tack boards. Per interior elevations, we can only locate materials tagged with a 10 11 00 identifying them as marker boards. Can you clarify that these are all fixed marker boards and that there are no sliding marker boards and fixed tack boards? (RFI116)
- A. All marker boards are fixed and there are no tack boards.
104. Q. Sheet F3.1 shows a combination standpipe (CSP). Per NFPA 14 this standpipe requires to 100 psi at the most remote roof hose valve. Is the fire department truck providing this pressure? (RFI117)
- A. Yes. Fire department provides the pressure at the room for the standpipe.
105. Q. The Interface carpet that has been specified on the finish legend does not have any style names so I cannot be sure I have the correct prices until I get the styles and spec's of the carpet the university wants use. Style CAOB_CT 1-8 is not a style of Interface carpet. Can you please clarify the styles of carpet the University wants to use? (RFI118)
- A. Interface has the related specifications for each code in order to provide pricing to the subs without substituting other options.
106. Q. The specified Bacnet Accutherm diffusers do not offer a wireless room sensor. Please clarify. Options are to use wired sensors or wireless without display. (RFI119)
- A. The wireless thermostats are to be a third party unit specified in 230900 2.09 F.4.c/d.5) and F.6. It is not intended that the wireless thermostats are to be provided with the VAV diffuser.

107. Q. 1.03B.3 calls for minimum of 40% post-industrial content. Our suppliers are saying this should be 4%. Please confirm. (RFI120)
- A. Change specification to be post-consumer plus one half of pre consumer shall be 40%
108. Q. Specification 093000-1.01.A.2. Mentions Stone Tile. I did not see any stone tile on the Finish Plans. Where does Stone Tile occur? (RFI121)
- A. Delete references to stone tile
109. Q. Specification Section 093000-2.05 calls for a sound reduction matt. What Tile Council of North America installation method for this installation and what locations this material is to be used. (RFI122)
- A. 09 30 00 3.07.A.1 lists TCA F113A and F125, which are mutually reinforcing because one shows membrane generically and one provides detail for crack isolation membrane. Specified product for sound reduction as listed in Section 2.05 is both a sound and crack isolation mat, so details apply. Specification states this is at typical locations.
110. Q. Specification Section 093000-3.07.A.1&2. Gives 3 different Tile Council of North American installation methods. With the exception of TCNA F113A which could be with or without membrane, the remaining installation methods require a Waterproof or Crack Suppression membrane. I need more specific instruction as to where each of these installation methods occur. (RFI123)
- A. See #122 for information at typical. At public washrooms, 3.07.A.2 lists the aforementioned plus F122A for waterproof membrane; specified product as listed in Section 2.04 is both a waterproofing and crack isolation layer so details all apply.
111. Q. Sheet T0.12 shows connections to the existing library, existing COB and existing MDF. The site comm plan, T1.01 doesn't show pathways or the locations of the tie ins. Please provide the tie in locations and the routing path. And are these existing conduits that we can use. (RFI124)
- A. The design team defers to UCM to provide a site plan showing existing infrastructure to the contractor. The pathways beyond what sheet T1.01 shows are existing. T1.01 sheet shows an existing vault in Shavers Lane; from this box UCM has conduits into COB. UCM has pathways available for this FA backbone fiber cabling.
112. Q. What carpet do they want to use if they should choose Add alternate #2, Ded alternate #2 or Deductive alternate #4? (RFI125)
- A. I-CPT-02
113. Q. Spec section 21 13 00-1.01-B10 indicates that all exposed piping is to receive paint. Do we need to pick that up or is the painting contractor going to do that? (RFI126)
- A. The Fire Sprinkler bid package will include painting as specified.
114. Q. I have reviewed the addendum 2 structural drawings, and I noted that structural steel framing for the PV Supports have no steel sizes (RFI127)
- A. Sheet S2.07 has been updated such that steel framing at PV Supports is specified.
115. Q. Please provide sizes for WF rafters, channel fascia's, MVC purlins for the PV support system (RFI128)
- A. See response to Commnet # 127.
116. Q. Please provide quantities and lengths for the Halfen channels as the Halfen rep says these channels are never run continuous in this application.. (RFI129)

- A. The Halfen channels will be provided by Bid Package 8-2 Glass and Glazing and install by Bid Package 5-1 Steel. Assume there will be 90 each at 12" long.
117. Q. The Wood Door Section 08 14 16, page 6, para 2.06.C.2 specifies System 5, conversion vanish. (RFI130)
- A. No question
118. Q. Most Door manufacturers furnish doors prefinished with either an AWS system 6 or 9. Systems 6 or 9 versus System 5 is less by \$ 20,000.00. Please advise if System 6 is acceptable. (RFI131)
- A. Provide system as specified
119. Q. Please clarify item B/TA-05: Hand Sanitizer. (Schedule of products describes this item as a hand dryer/Dyson AB02). Please give proper description/mfr./model. FYI, this item is NOT shown in the plans. (RFI132)
- A. Item is described correctly in schedule as hand sanitizer as Hand Cleans AB02.
120. Q. Please refer to sheets A2.43 and A6.06. Item G/TA-07: Sanitary Napkin Vendor is NOT shown in plans. Please clarify whether or not the various (women's) restrooms are to receive sanitary napkin vendors. (RFI133)
- A. Refer to A2.43 for notes on which rooms are to receive which accessories.
121. Q. Please refer to 3/A2.43. Room "3T3 – Restroom" is obviously described as a restroom. However, there is no toilet, urinal etc. Please clarify whether or not various restroom accessories are needed here (Other than of course the shown TA-02 and TA-03 items). (RFI134)
- A. 3T3 has accessories listed on A2.43 under "Private Restroom Accessories"
123. Q. Please refer to 2/A2.43 and 31/A6.06. You will see room "2T3 – Office Service/Pvt. Restroom" has a shower. Who is to provide the necessary accessories for this shower? (ie: shower seat, Lshape grab bar). Or is it a pre-fabbed unit? Please provide mfr./model /etc. (RFI135)
- A. Toilet accessories 10 28 00 specification updated to include shower accessories
124. Q. Addendum 1 produced a revised specification for landscape concrete 03 32 00. Paragraph 1.5.L mentions a glare reducing add mixture. What mixes are required to include this glare reducer, if any? (RFI136)
- A. Section removed from specification
125. Q. Under Bid Package 7-4 Roofing, spec section 075556 Fluid Applied Protection Membrane Roofing (as it relates to the roofing scope of work) please advise what roofs are under this scope. (RFI137)
- A. This product is specified for intended use beneath exterior walkways and landings at Second and Third Floors. However, 2.04 Board Insulation of the spec is covered by Bid Package 7-4 Roofing.
126. Q. Does the 2nd floor exterior walkway waterproofing fall under the roofing package 7-4? (RFI138)
- A. No. This waterproofing and drain board is cover by Bid Package 7-1 Waterproofing
127. Q. Under Bid Package 7-4 roofing, shall we include supply and install all guard rails, tie-offs and tie-off points, or just the PVC flashing to those items? (RFI139)

- A. Bid per scope directive as shown on Exhibit B for each package. Also reference Bid Package 10-1.
128. Q. The provided scope calls for the subcontractor to pick up all pre-cast treads and landings attached to steel framing. There are pre-cast treads that are required for bottom of Stair #1 and mid-landing that are thin-set to CIP. Are these to be included in our scope? If these are to be included in the scope please confirm they are to be FOB (RFI140)
- A. See revised scope directives for 5-1 Steel and 9-3 Tile
129. Q. BP 10-1 is to provide FRP per spec 06 64 00. The finish plans and schedule do not identify any FRP. Neither do any of the interior elevations. Sheet A0.10 has a standard detail that shows "backsplash, typ" at janitors mop sinks, but does not specifically identify it as FRP. Is the FRP BP 10-1 is intended to cover? Please clarify. (RFI141)
- A. Specification applies to backsplash at Janitor rms; A01.0 updated
130. Q. Spec 11 31 00 covers appliances bid package 10-1 is listed to cover. The appliances listed included refrigeration, cleaning, and waste disposers. There are no model numbers. What is the extent of the appliances BP 10-1 is to cover. There are 2 undercounted refrigerators identified and elevated in rooms 290 and 390 on A6.04. There look like what appears to be full height refrigerators in rooms 252 and 311 and a dishwasher in room 252. What are the make and model numbers we are to provide. Please confirm the waste disposers are by bid package 10-1 (RFI142)
- A. See Addendum for Appliance Schedule. Furnish disposal by Bid Package 10-1, installation for the disposal by Bid Package 22-1.
131. Q. Spec section 074213 Formed Metal Wall Panels 2.03, B., 2., b. specifies a perforated panel for stair area in gives perforation pattern, 2.03, C., 2., b. does not give a perforation pattern, are we to assume perforation pattern at Screen Wall Panels to be the same as Perforated Panels at Stairs? (RFI143)
- A. Reference to perforation pattern on 2.03.C.2.b deleted
132. Q. Are there any details for Screen Wall Panels?, are the following flashings required at screen wall? Coping, Welded Mitered Corners, Drip at Base of Panels, and End wall Caps? I cannot find any architectural details for Metal Wall Panels at Roof Screen? Will there be details issued for Metal Panels at Equipment Screens? Or should we use manufacturer's standard details? (RFI144)
- A. Details for screen wall panels on A4.70, S5.31 and S5.32 and called out on Roof Plan
133. Q. There are a number of details on the "Lap Seam Metal Wall Panels F-12-0 by Morin" that do not meet the manufacturers standard detail requirements for jambs, head, base and sills, they are either non-existent or shown as a caulk joint. A few examples see details: 14,16,25/A4.65 no base trim, 4/A4.61 no jamb or end wall flashing, also see break in panel only caulking shown, 13/A4.67 no sill flashing. I suggest using manufacturers standard details where details are incomplete or do not meet the manufacturers requirements. I have included the manufacturer's standard details for your information. How would you like me to bid this project? Using manufacturers details or as shown on plans? (RFI145)
- A. Assume manufacturer standard details
134. Q. Section 122413 para 1.05.A.1 calls for attic stock "...Full size units equal to 5% of quantity installed for EACH size, color and shade band material indicated, but no fewer than 2 units". As there are few "typical" sizes, this requirement could double the material cost for this scope. Would you consider "Provide fabricated components (shade bands, bracket hardware, chain and motors) equal to 5% of material cost? (RFI146)

- A. Provide attic stock per specifications. Per UC Merced revised specifications to 2% / no fewer than 2 units
135. Q. Please provide specification / fabric selection for blackout fabric (spec only includes solar shade information). (RFI147)
- A. Hunter Douglas Avila Twilight 0% openness, Slate Gray
136. Q. Detail 14/A07.56 (referenced from elves 4/A4.47), Room 251. WS3 double shades are scheduled but section only shows single manual shade (WS1). Please confirm that motorized double shades are required in RM 251 and provide appropriate head detail. (RFI148)
- A. Confirmed; finish plan indicates correct shade type. Detail is not referenced from section described. Detail correctly states "Roller window shade pocketed; for type refer to finish plan"
137. Q. RMS 260 & 261 have WS3 motorized double shades scheduled, DTL 10/A4.67 shows single motorized shade mounted to face of drywall above window opening. Same for Rooms 175, 140, 110, 233, 334, 392. Please confirm that double motorized shades are required here and that no fascia or surface mounted headbox is required to complete blackout. (RFI149)
- A. Confirmed, all WS-3. No fascia/headbox required
138. Q. Typical head details for WS1 single manual shades in offices show RB500 architectural brackets w/o fascia/valance. Please confirm that no fascia/valances are required for these shades. (RFI150)
- A. Confirmed
139. Q. Finish schedule shows WS3 shades at interior storefront and includes covering egress door. Code does not normally allow an egress door to be covered / concealed by a shade or drapery. Please confirm that blackout shade is required at door or if this is intended to indicate transom lite only. If at transom lite only please confirm that no manual surface mounted shades are required to darken door lite. (RFI151)
- A. Doors changed to wood; blackout shade to cover transom lite.
140. Q. Lecture hall 110, 130, 140 & 170 Spec 27 41 16 page 7 Item: 1.06.A.3.d states for a room computer at the switcher. Drawing sheet T0.34 does not show this. Please clarify. (RFI152)
- A. Room computer by owner, provide input as specified.
141. Q. Room 175 - T0.33 do not show these 1.06.B.3.b states PTZ camera for capture, 1.06.B.3.d.3 states connection for document camera at instructor's location, 1.06.B.4.a states there is a wall mounted speaker system (RFI153)
- A. "1.06.B.3b: Removed by owner. 1.06.B.3.d.3: Use Display Port in floor box at infrastructure location, 1.06.B.4: Removed by owner."
142. Q. Room 175, 1.06.B.3.e describes connections to pre-switches for students but it is not clear how the pre-switches connect back to the rack. The drawing shows HDMI/DVI but the runs are very long. Ref. drawing T0.33. We assume from the floor box to the rack will be HDBaseT transmitters. Please confirm if this is correct.. (RFI154)
- A. "1.06.B.3.e: Connect preswitches to matrix switch using fiber HDMI cable in equipment parts list. Negative: Provide transmitters only where shown on T0.33"

143. Q: Spec 27 41 16 page 11 Item: 1.06.B.5.e states there is previewing on every touch panel. We believe there is an AMX technical qty limitation to this for every touch panel for every input of the matrix. The drawings and equipment list do not show necessary hardware either regardless of the qty of preview capabilities. Please clarify. (RFI155)
- A: "Provide previews of student content active on the local student display on instructor panel only. See Addendum 3 for updated block diagram and equipment lists. "
144. Q: Rooms 262 and 267, Drawing Sheet T0.31 detail 3 shows 3 outputs of the matrix as HDBaseT for the displays an output for future capture. The equipment list shows a matrix that does not have this many outputs nor the correct type of outputs. (RFI157)
- A: Revised: see Addendum 3 for corrected part number and T031 for required TX.
145. Q: Rooms 290 & 390, Spec 27 41 16 page 15 Item: 1.06.F.3.a.3 states connection for document camera at floor box location. Drawing sheet T0.31 detail 1 does not show this. Please clarify. (RFI158)
- A: 1.06.B.3.d.3: Use Display Port in floorbox
146. Q: Rooms 251 & 334 Spec 27 41 16 page 17 Item: 1.06.G.3.a.3 states connection for document camera at floor box connection. Drawing sheet T0.31 detail 4 does not show this. Please clarify. (RFI159)
- A: 1.06.G.3.d.3: Use Display Port in floorbox
147. Q: Room 392, Drawing sheet T4.28 detail 5 shows 3 PTZ Cameras. The specification list 2 PTZ and 1 fixed. 1.06.H.4.d states ceiling mics and voicelift. We assume the wireless mic is for voicelift and conferencing, while the ceiling mics are for conferencing only. Please clarify. Please clarify. (RFI160)
- A: Provide per Spec: Ceiling mics and wireless mics are for voice lift and conferencing. Program DSP to suit.
148. Q: Digital Humanities Lab Media Wall, drawing sheet T0.32 detail 3. It is unclear from the drawing and the specification how many wall boxes and floor boxes (FB) will be used. Drawing T0.32 detail 3 shows 1 FB in Collab and 1 FB + 1 Wall box in Media room. Spec 27 41 16 page 20 Item: 1.06.I.2.d and 1.02.J.3.a states 1 Wall box in each and no Fbs. Please clarify. (RFI161)
- A: See addendum 3 documents for updated floor box requirements. Note: All equipment quantities for built in equipment are to be derived from the plan documentation.
149. Q: Addendum #1 provided an equipment schedule/list however; this equipment list did not provide the quantities and was not completed to represent the design in the drawings. Required parts are missing. We do believe it is for conceptual purposes during the bid and that the list would be refined by UC Merced and its design team at a later date. Please confirm that this assumption is correct. (RFI162)
- A: Note: All equipment quantities for built in equipment are to be derived from the plan documentation. Block diagrams are diagrammatic in nature and do not depict every part and piece required to build the system. See 27 41 16 1.02.A for complete contractor scope of work.

150. Q: Will Structural Stamped drawings be required of the contractor for Spec Sections 27 41 13 and 27 41 16 work or will structural analysis be by others? (RFI163)
- A: Provide engineering for installation and mounting of products under these sections per Division 1 requirements.
151. Q: Spec 27 41 13 page 4 Item: 2.03 Project Screen Schedule. All projection screen sizes in schedule differ from the drawings. Please clarify which is correct. (RFI164)
- A: Provide per Spec.
152. Q: 08 44 13, 2.04 Insulated Spandrel Panels Clarify is they are included on Bid Package 8.2 Glass & Glazing and where they can be located? 2.07 Light Shelves, Can't allocate on the Drawing. Advise if any.? (RFI165)
- A: Light shelves not used.
153. Q: Please provide specification for the card readers. (RFI166)
- A: Section 28 13 00 is deleted. Contractor is to provide conduits and cabling for Card Readers and terminations by the University.
154. Q: Page 7, item A, which glass will require heat soaking? (RFI167)
- A: Specification states heat socking for tempered glass.
155. Q: Page 9 Monolithic Glass Type GL01, GK02 & GL03 clarify which window will receive this type of glass. (RFI168)
- A: GL-01 is typical, see interior elevations for GL-02 and GL-03.
156. Q: Type GL-02 which windows will receive Decorative Films? (RFI169)
- A: See response to Question 145; Room 370.
157. Q: Insulating Glass Type E-GL-01A and E-GL-01B clarify which windows where to apply this glass? (RFI170)
- A: E-GL-01A and E-GL-01B are interchangeable; called out as E-GL-01 on drawings.
158. Q: Glass E-GL-02 Ceramic Coated Spandrel Glass. Provide specific color. (RFI171)
- A: Charcoal Gray.
159. Q: Reference Drawing Aluminum Plate Detail A4.61, A4.62, similar materials. (RFI173)
- A: There is no question. If regarding dissimilar material isolation; extended aluminum plate is typically isolated from adjacent walls by 07 25 00 flexible flashing.
160. Q: Detail 9, 10/A4.60 and 3, 4, 5/A4.65 Clarify which windows will receive Woven wire? (RFI174)
- A: N/A, details revised to show IGU.

161. Q: Please see 17 and 18/A4.21. I assume these wire mesh panels are in out scope as they are the same material as our guardrail but can you please confirm if they are FOB for the glaziers to install? Details 3, 4, and 5 on sheet A4.65 show a tube steel frame around these mesh panels floating inside of the glaziers aluminum. To us it would make the most sense for the glaziers to provide us the required dimensions for the mesh frames, we fabricate and powder coat the frames and deliver them FOB jobsite for your glaziers to install while they are installing the aluminum mullions. Please let me know. (RFI175)

A: N/A, details revised to show IGU.

162. Q: Inclusions under BP 7-2 says we have the fire resistive jt system @ shaft walls. Is this the fire stop @ head of wall? (RFI176)

A: See revised Scope Directive on Addendum 3.

163. Q: Please confirm that the sound insulation with the exception of wall types marked with 1.5" thickness are (R-11 3.5" typical). (RFI177)

A: Refer to the stud sizes noted for thickness.

164. Q: Please confirm insulation shown on inside of stem wall perDtl 2 A 4.12 and Dtl 2 A 4.65 is the below grade insulation in section 07210 A2.01, please provide thickness. (RFI178)

A: Fill cavity with mineral wool blanket insulation.

165. Q: Please clarify the extent of the horizontal insulation on detail 2 on A4.12 between 1st and 2nd floor. (RFI179)

A: 2/A4.12 does not require horizontal insulation. Insulate under slab where exposed soffit occurs (e.g. 4/A4.12), up to insulated exterior wall.

166. Q: Please clarify the extent of the horizontal insulation on detail 4 on A4.12 between 1st and 2nd floor (RFI180)

A: Extends to building envelope at Rm 175.

167. Q: Section 072100 has both unfaced and foil faced mineral wool blanket and board per Par 2.02 and 2.03. Please indicate where the foil VS unfaced would be used and where the board VS blanket would be used. (RFI181)

A: Foil faced not required. Board insulation to fill edge of slab cavity at enclosure.

168. Q: Please indicate what product and what thickness is to be used behind the spandrel panel, sheet A 4.55. (RFI182)

A: MapeSpan panel, refer to 08 44 13.

169. Q: Please indicate how the drywall will attached within spandrel panel, sheet A 4.55. (RFI183)

A: Gyp. Bd. does not attach to panel, attached to curtain wall mullions.

170. Q: Please indicate what product and R-value/thickness the horizontal insulation is within the roof framing @ dog house Dtl 10 A 4.70. (RFI184)

A: R-38 board insulation at top per 07 54 19; on verticals fill stud cavity with batt insulation.

171. Q: Please confirm edge of roof Dtl 15 A4.67 gets joint fire stop. (RFI185)

A: Not required at this location.

172. Q: Plated Guard Railings, 9/S6.02, 8 and 10/A4.69 Structural drawing indicate a 1/4" plate (typical section), Architectural drawing 8 and 10/A4.69 indicate a 1/2" plate. Which is correct? (RFI186)

A: 1/4" for plates.

173. Q: 27 15 3 2.05 – Cat6A Patch Cords – According to the drawing T0.02 we are only to provide Cat6A atchcords for AV and security devices. Please confirm is the UC needs the contractor to provide Cat6A patch cables for patch panel population inside the MDF/BDF/IDF as on previous projects. If so confirm counts and lengths. (RFI187)

A: Correct. Provide patch cords as noted on the bid documents.

174. Q: 27 41 17, 1.02, B, 2, b – Please confirm that this was a typo and should read AMX RMS. (RFI188)

A: Confirmed, this was a typo.

175. Q: 28 13 00, 2.01 – 2.12. Please confirm that all control access hardware is OFOI as with all previous past projects. (RFI189)

A: No. Refer to Addendum NO. 3 which removes this entire spec section. The Building Access Control System Equipment is OFCI. Door assembly electric hardware (except door contacts), wiring, conduits, junction boxes and rough-in are CFCI with wiring connections by the University.

176. Q: 28 23 00, 2.01, A, 1, a – The UC has an existing Endura network storage manager. Please either confirm that we are to integrate new cameras into the existing recorder or confirm a new NSM5200 and what storage capacity is needed. (RFI190)

A: Provide new NSM5200 and storage capacity to store video for 30 days with the following requirements:

- a. Resolution: 1280 x 720
- b. Frame Rate: 15 fps
- c. Compression: H.264

177. Q: 28 26 00, Part 2 Products – The drawings (T.12, T1.01) show two possible talk-a-phone tower locations but does not detail if they are new or existing. Please confirm that both locations are either new WEBS towers, OFCI used/relocated units, existing or stubbed for future. (RFI191)

A: The two locations are existing. Salvage existing talk-a-phone and return to University. Provide new WEBS Towers.

178. Q: Lap Seam Metal Panels are shown installed vertical throughout the job with the exception of the south elevation, example see 20/A4.70, also see isometric drawing on 0.20. Where

Lap Seam Metal Wall Panels are installed vertical they will require a 20 gauge 7/8" GSM Hat Channel to attach the panels to, since the stud framing runs vertical. This will extend the Lap Seam Metal Wall Panels out from the wall sheathing by 7/8". Please confirm you want panels installed vertical and horizontal? (RFI192)

A: Confirmed; orientations shown on elevations are correct. Details may be offset from FO exterior finish to accommodate hat channel.

179. Q: Specification Section 01 78 36 Guarantees, Warranties, Bonds, Service & Maintenance Manuals is shown in Volume 0 and Addendum 1 – Table of Contents. This specification section however not included in Volume 0 bid documents or issued in Addenda 1 or 2. Please advise. (RFI193)

A: Added in Addendum 3.

180. Q: The spec called for a 20 year panel finish warranty. No panel manufacturer warrants their perforated panels at all due to being perforated after coil coating leaving a raw edge exposed to oxidation. The panel mfrs state it take years for any oxidation to appear on their aluminum perforated panels. A.) Can the 20 year warranty be waived for the perforated panels? B.) if the warranty cannot be waived the panels can be perforated and corrugated by the panel mfr put would have to be post-painted by a independent Kyanr applicator at significant costs. The 20 year finish warranty would come from the independent applicator not the panel mfr. Is this the University's intent? (RFI194)

A: Provide 20 year warranty per specification.

181. Q: Do you want the rubber tile installed over each raised access tile individually. You should know that if we do that you will loose the ability to gain access the area under the floors at those locations because the adhesive we use will flow into the screw heads that hold the floor panels in place and in between the panels themselves. (RFI195)

A: Specified finish floor is an approved vendor for specified access floor supplied for factory lamination to maintain accessibility of access floor.

182. Q: If we are to install the rubber floors on the access panels what is any material to you want to use on the risers. Rubber top set based? 4 inch? 6 inch? (RFI196)

A: Apply finish floor to fascia.

183. Q: Is there an existing PMCS per spec section 26 09 13 and if so what is the software package that is being used for the PMCS? The spec talks about an Eaton system in numerous places in that section but is this a new system being installed? I just completed a job at UC Merced and we tied into an existing system, not a new one. (RFI197)

A: There is not an existing PMCS. This is a new PMCS that shall be integrated with the Building Management System.

184. Q: In the general requirements item 32 Temporary Site Lighting. There are no locations shown for this lighting (30 each) not any specified lighting material. There will need to be some clarification on this line item to keep the bidding fair and evenly bid. (RFI198)

A: See revised scope on Addendum 3.

185. Q: Please clarify Item #35 1.2 Removal and reconditioning... is this for general requirements only or is there additional area of removal we will need to cover in our bid? Please clarify. (RFI199)
- A: See revised scope on Addendum 3.
186. Q: Please clarify Items #40 and 41 Temp Heating/Climatization, is these items covered in the \$100,000 misc allowance? (RFI200)
- A: See revised scope on Addendum 3.
187. Q: Item #16 states to provide 1,000 Safety stickers. Can you please clarify what size stickers that you want? (RFI201)
- A: See revised scope on Addendum 3.
188. Q: Item #5 Construction Parking Maintenance on and offsite. Will we need to import rock, will grading be required? It stated to exclude this from bid package. Please confirm or clarify what this will entail. (RFI202)
- A: See revised scope on Addendum 3.
189. Q: Item #29 states power connection to PG&E to trailers. Is this only for Sundt's trailer? (RFI203)
- A: See revised scope on Addendum 3.
190. Q: 12 61 00 2.03.B Provides electrical... (Please identify the electrical components you want to utilize. This is too vague and will create ambiguity in the bid. Need to know a manufacturer for the electrical plug and play system you want. We have many and can suggest some? (RFI204)
- A: Reference to Division 26 "Wiring Devices" for receptacle type. Hubbel USB Charger receptacle.
191. Q: 12 61 00 2.03.D.1 need more clarification on rotation, this was too be more specific on the ability of the chair to rotate 360 degrees, has this been eliminated if not needs to be stated to get exactly what is required for the client, please clarify.
- A: Capability should be for 180 degrees to the left and to the right.
192. Q: 12 61 00 2.03.E Provide Steelcase chair in accordance with University's volume purchasing agreement. Need to know who in purchasing at University to enable access to this contract otherwise [Bidder] cannot buy the product and sell it to the University. (RFI206)
- A: Information regarding University's agreement with SteelCase ca be obtained from the Director of Procurement Services, Karen Meade at kmeade2@ucmerced.edu or Director for Business and Administrative Services, Sonia Johnston sjohnston@ucmerced.edu .
193. Q: 12 61 00 2.03.F provide removable chair for companion seating, this does not apply it is not an auditorium seating it is a swing away product, clarify that the ADA seat position will remain vacant within a swing or swing arm in this location. (RFI207)

A: Wheelchair seat will be vacant (no seat or swing arm). Companion seat shall have a removable fixed swing away seat.

194. Q: 12 61 00 2.03.G Row letter – this is not an auditorium seat so there is no row identification or seat designation, the chair will be a task chair on a swing arm location by a fixed desk. This section and H section are not applicable. Please clarify. (RFI208)

A: Delete this section.

195. Q: 12 61 00 2.04.C Nema LD 3 laminate – Select a product in this category by a manufacturer that meets this standard. (RFI 209)

A: Per finish schedule on A8.30-A8.32, I-PL-02. Note added to detail 5/A6.56.

196. Q: 12 61 00 2.04.C and D. UV coating does not apply this is an indoor application and this aspect is not applicable should be removed UV treatment are expressly utilized for outdoor applications. (RFI210)

A: Delete reference to UV inhibitors.

197. Q: Aluminum reveal trim plates per elevation 1/A3.10 and details 16/A4.55 and 7 thru 10/A4.66 are designated as belonging in Section 05 50 00; but are more likely to be provided by your curtain wall subcontractor to match fit and finish. (RFI211)

A: See revised scope directives for 5-1 Steel and 8-2 Glass & Glazing.

198. Q: Where is the Title 24 Documentation for this Project?

A: The University has all necessary Title 24 Documentation, which will be provided in the Conformed Set.

V. DRAWINGS

A0.01A	INDEX SHEET	Sheet updated with Addendum No. 3 inclusions
A0.10	ARCHITECTURAL SYMBOLS	Deduct Alt. #2 and #4 description updated with I-CPT-02 (RFI #125), Spec section reference for backsplash added (RFI #141)
A0.61	FIRST FLOOR SLAB EDGE PLAN	Dimensions adjusted at service yard curb (RFI #192)
C1.01	DEMOLITION PLAN	Revised note to demo emergency blue light phones
C4.01	UTILITY PLAN	Revised note about emergency blue light phones and update phone location
L1.04A	CAMPUS STANDARD BOLLARD	New sheet with campus standard bollard (RFI #30)
L1.07	SITE FURNISHING DETAILS	Revised detail 6, Chain link Fence (RFI #29), addition of skate guards to benches
A2.20	ROOF PLAN	Added roof screens, revised walkway pad locations
A2.21	LANTERN PLAN	Revised Mechanical screen openings
A2.40	TUTORIAL CLASSROOM, LAB, SEMINAR PLAN AND RCP	New interior elevation reference added (RFI #64)
A2.42	DIG. HUMANITIES, FACULTY & ACADEMIC OFFICE PLAN AND RCP	Adjusted wall to fit planned CAVE equipment, updated RCP, added light to Media Room closet (UC Merced directive, clarifications)
A2.43	ENLARGED CORE PLANS	Walls added to accommodate dryer vent , shower accessory list and shower graphics updated (RFI #135)
A3.15	PARTIAL ELEVATIONS	Delete window at roof , extend wall at roof to accommodate dryer vent , adjust detail callout and door (clarification)
A4.12	ENLARGED EXTERIOR SECTIONS	Add note clarifying extent of insulation, remove insulation (RFI #179, #180)
A4.21	EXTERIOR WINDOW SCHEDULE	Details 17 and 18 updated to show IGU in lieu of wire mesh infill (Add Alt. #2)
A4.45	ENLARGED CURTAIN WALL – NORTH / SOUTH	Detail 3 updated with removal of window and extended screen wall
A4.50	CURTAIN WALL DETAILS - PLAN	Revise details 3 and 9 to incorporate additional attachment detail (RFI #43). Revise detail for lantern corner to eliminate window and accommodate additional roof screen coverage
A4.60	EXTERIOR PLAN DETAILS	Details 9 and 10 updated to show IGU in lieu of wire mesh infill (Add Alt. #2) and furring (RFI #192)
A4.61	JAMB AT ACADEMIC OFFICE – MTL. PANEL	Details 1 and 4 modified (RFI #145)
A4.65	EXTERIOR SECTION DETAILS	Details 3, 4, 5 updated to show IGU in lieu of wire mesh infill (Add Alt. #2); Details 2 & 18 curb dimensions clarified (RFI #113), modified (RFI #145).
A4.67	EXTERIOR SECTION DETAILS	References to Substrate Board changed to Cover Board (RFI #58), Detail 13 updated (RFI #145)
A4.68	EXTERIOR SECTION DETAILS	Curb dimensions clarified (RFI #113)
A4.69	GUARD RAIL DETAILS	Guard rail plate thickness updated (RFI #186)
A4.70	ROOF SECTION & PLAN DETAILS	References to Substrate Board changed to Cover Board (RFI #58), new roof screen section detail added (RFI #144)
A6.04	INTERIOR ELEVATIONS	Revise note for finish, Detail 25 (RFI #45), update finish on detail 5 (Clarification)
A6.05	INTERIOR ELEVATIONS	Revise note for finish, Detail 9 (RFI #45)
A6.06	INTERIOR ELEVATIONS	Update detail 31 (RFI #135)

ADDENDUM NO. 3

A6.08	INTERIOR ELEVATIONS	Update detail 1 & 2 with IGU in lieu of wire mesh , update detail 5 & 7 door type elevations per door schedule (RFI #93, #94)
A6.10	INTERIOR ELEVATIONS	Update detail 4 with change to door type at Rm 392 (RFI #151), new elevation of typ. Lab Interview Room (RFI #64)
A6.56	CATWALK / RAISED ACCESS FLOOR DETAILS	Detail 5 add notes to clarify finishes (RFI #196 & #209)
A8.10	DOOR SCHEDULE	Schedule updated (RFI #79-96)
A8.11	TYPICAL DOOR DETAILS & FLOOR TRANSITIONS	Detail H4 updated to show IGU in lieu of wire mesh infill (Add Alt. #2)
A8.30	FIRST FLOOR FINISH PLAN & SCHEDULE	Addition of floor and base material transition tags (RFI #99, #100), Finish schedule updated (RFI #104)
A8.31	SECOND FLOOR FINISH PLAN & SCHEDULE	Addition of floor material transition tags (RFI #99, #103). Correction to floor material transition tags and extents of tile in elevator lobby (RFI #102). Adjusted extents of tile pattern and corrected transition symbols (Clarification)
A8.32	THIRD FLOOR FINISH PLAN & SCHEDULE	Addition of floor material transition tags (RFI #99, #103) Conference Room window shade clarification.
S2.01	FOUNDATION & FIRST FLOOR FRAMING PLAN	Changed note from "NORTH & SOUTH" to "EAST & WEST". (Clarification)
S2.04	ROOF FRAMING PLAN	Added dimension for beam line south of Line C. Also added two Roof Level floor framing beams and three HSS screen support posts.
S2.05	LANTERN ROOF FRAMING PLAN	Added screen support framing.
S2.06	MECHANICAL SCREEN FRAMING PLAN	Added screen support framing, elevation callout on S5.31, and dimensions for support framing.
S2.07	PV SUPPORT FRAMING PLAN	Added support framing sizes. (Add Alt. #3, UC Merced directive)
S3.02	TYPICAL CONCRETE DETAILS	Removed note from detail 1 and provided thickness of granular base. (RFI #111)
S4.05	TYPICAL MOMENT FRAME DETAILS	Provided thickness of plate in detail 13. (Clarification)
S4.06	COLLECTOR DETAILS	Revised detail references in details 10 & 11. (Clarification)
S5.06	NON-FRAME STEEL COLUMN SCHEDULE & DETAILS	Revised note and added note in detail 20.
S5.31	MECHANICAL SCREEN ELEVATIONS	Revised detail 3 to include additional screen support framing. Created new elevation to show additional screen support framing. Extend screen elevation line 16.
S5.32	MECHANICAL SCREEN DETAILS	Added note, plate size, and weld callout to detail 7.
S6.03	STAIR 2 PLANS AND ELEVATIONS	Changed detail reference in detail 9. (Clarification)
S6.07	GUARD RAIL DETAILS	Added details 12, 13, 14, and 17. (RFI # 60)
M0.14	SCHEDULES	Delete EF-7 from Exhaust Fan Schedule
M0.15	SCHEDULES	Revise VAV Schedule – VAV 35, 35, 37
M2.12B	ENLARGED SECOND FLOOR PLAN	Add dryer vent
M2.12C	ENLARGED SECOND FLOOR PLAN	Revise CAVE and Media Room closet HVAC
M2.13B	ENLARGED THIRD FLOOR PLAN	Add dryer vent
M2.14B	ENLARGED ROOF PLAN	Add dryer vent
P0.11	LEGEND, ABBREVIATIONS & SCHEDULES	Added washing machine outlet box to fixture schedule.
P2.11A	ENLARGED FIRST FLOOR PLAN	Added vent to funnel drain.

P2.11B	ENLARGED FIRST FLOOR PLAN	Removed TP-3 in 1J1. Removed sheet note 7. Added vent piping to MS-1 in 1J1. Added 2" SS from level above to 1J1. Added vent pipe up note in 1J1. Changed two incorrect sheet notes.
P2.12A	ENLARGED SECOND FLOOR PLAN	Added vent.
P2.12B	ENLARGED SECOND FLOOR PLAN	Added WMB-1, SS, V, DCW and DHW for washing machine in 2J1. Added sheet notes 9 and 10
P2.13A	ENLARGED THIRD FLOOR PLAN	Added vent
P2.14A	ENLARGED ROOF PLAN	Added vtr
P3.2	SANITARY WASTE RISER DIAGRAM	Update waste and vent riser diagram
P3.3	WATER RISER DIAGRAM	Updated DCW and DHW riser diagram
E0.11	LEGEND, ABBREVIATIONS, GENERAL NOTES, & DRAWING LIST	Added special purpose receptacle and USB receptacle symbols information. Revised drawing list.
E0.12A	SINGLE LINE DIAGRAM – 12 KV DISTRIBUTION ADD ALTERNATIVES 3A	Revised sheet note 12 and added note 9, 12, 15 tags to the transfer switch.
E0.13	SINGE LINE/RISER DIAGRAM	Updated loads in switchboard schedule.
E0.15	LIGHTING CONTROL RISER DIAGRAM AND FIXTURE SCHEDULE	Added fixture type G1A.
E1.01	SITE PLAN	Revised general note 2.
E2.11C	ENLARGED FIRST FLOOR PLAN – POWER – AREA C	Revised sheet note arrow and relocated several receptacles.
E2.12A	ENLARGED SECOND FLOOR PLAN – POWER – AREA A	Changed floor receptacles to USB type.
E2.12B	ENLARGED SECOND FLOOR PLAN – POWER – AREA B	Changed floor receptacles to USB type, added receptacles and branch circuits for washer and dryer
E2.12C	ENLARGED SECOND FLOOR PLAN – POWER – AREA C	Changed floor receptacles to USB type. Revised branch circuiting in digital humanities lab. Deleted receptacle, power to EF-7 and EF-7 control switch. Deleted four floor boxes in digital humanities lab area. In digital humanities lab, changed three ceiling junction boxes to special purpose receptacles. Revised sheet notes.
E2.13A	ENLARGED THIRD FLOOR PLAN – POWER – AREA A	Changed floor receptacle to USB type
E2.13C	ENLARGED THIRD FLOOR PLAN – POWER – AREA C	Changed floor receptacles to USB type. Added power to motorized window shade Revised sheet note tag. (Clarification) Deleted "DF" symbol.
E3.11A	ENLARGED FIRST FLOOR PLAN – LIGHTING – AREA A	
E3.12B	ENLARGED FIRST FLOOR PLAN – LIGHTING – AREA B	Added circuit number to LED drivers.
E3.12C	ENLARGED SECOND FLOOR PLAN – LIGHTING – AREA C	Added light fixture and automatic control switch.

E3.13B	ENLARGED THIRD FLOOR PLAN – LIGHTING – AREA B	Added circuit number to LED driver.
E3.14	ROOF PLAN – LIGHTING	Added sheet note 4 and deleted a photo sensor symbol.
E7.01	PANEL SCHEDULES	Revised panel schedule circuit assignment and load data.
E7.02	PANEL SCHEDULES	Revised panel schedule's circuit assignments and load data.
T0.02	SCHEDULES CABLING BACKBOX	Updated Telecom and AV backbox schedules to reflect new conduit and backbox requirements in CAVE
T0.31	BLOCK DIAGRAMS AUDIOVISUAL	Added HdBaseT TX for signal distribution.
T0.33	BLOCK DIAGRAMS AUDIOVISUAL TEAL/TILE ROOM	Updated TEAL block diagram to leverage live preview for core switch at teachers' station.
T0.34	BLOCK DIAGRAMS LARGE LECTURE AUDIOVISUAL	Updated lecture hall 130 AV diagram to include additional ceiling camera, signal transport, and control elements.
T4.27	ENLARGED PLANS CAVE AND MEDIA WALL	Updated enlarged plans to reflect new face plate and conduit requirements.
T4.29	ENLARGED PLANS ROOM 130	Updated enlarged floor plans to show new ceiling camera / infrastructure requirements.

VI. ATTACHMENTS

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BID PACKAGE 21-1 FIRE SPRINKLERS

BID PACKAGE 22-1 PLUMBING

BID PACKAGE 31-1 EARTHWORK, UTILITIES & PAVING

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UNIVERSITY OF CALIFORNIA, MERCED

**By: University of California, Merced
University's Representative**

Leon Waller
Sr. Project Director

End of Addendum No. 3