

ADDENDUM NO. 1

BP #06 CONCRETE/STEEL REINFORCEMENT

May 14, 2021

BIDDING AND CONTRACT DOCUMENTS

FOR

BATCHELOR HALL RENEWAL IMPROVEMENTS

PROJECT NO. 950464

CONTRACT NO. 950464-CMAR-2019-84



The following changes, additions, or deletions shall be made to the following documents as indicated for this Project; and all other terms and conditions shall remain the same. Each bidder is responsible for transmitting this information to all affected subcontractors and suppliers before the Bid Deadline.

1. **INSTRUCTIONS TO BIDDERS**

Delete the “Instructions to Bidders” and **replace** with the one issued in this Addendum.

2. **BID FORM**

Delete the “Bid Form” and **replace** with the one issued in this Addendum.

3. **BID REQUEST FOR INFORMATION**

BID RFI No.	QUESTIONS / ANSWERS
1-1	<p>Question: Please confirm that chemical hardeners are not required for concrete per 033500, 2.1.</p> <p>Answer: Confirmed</p>
1-2	<p>Question: Please confirm that epoxy coated rebar (032000-3, 2.2, H.) is excluded.</p> <p>Answer: Confirmed</p>
1-3	<p>Question:</p> <p>1. Please confirm that mass excavation and installation of granular fill and backfilling for the retaining walls per C-100 and A5/S-302 is included in our scope of work. 2. Please confirm is hauling of excavated dirt spoils is to be included in our scope of work.</p> <p>3. Is a soils report available?</p> <p>4. Please confirm that the stair-on-grade for the Transformer enclosure per sheet C-100 is included in our scope of work.</p> <p>5. Please confirm that vapor retarder and granular fill is not required under slabs-on-grade per 033110-6, 3.7, A.</p> <p>Answer:</p> <p>1. Confirmed.</p> <p>2. Confirmed.</p> <p>3. No, A soils report is not available</p> <p>4. Confirmed, all of the concrete work is within the scope of this bid package</p> <p>5. Vapor retarder and granular fill are not required for exterior slabs on grade</p>
1-4	<p>Question: C4/A-501 calls for a concrete curb per detail B3/S-302. Please confirm that the intent was to call out detail A4/S-302.</p> <p>Answer: Confirmed.</p>
1-5	<p>Question: Please confirm that slab patching for removal of underground piping (e.g. sheets PD-10U-A1, etc.) will be excluded and to be performed by others.</p> <p>Answer: All concrete work, including slab patching, is included in the scope of this Bid Package.</p>

BID RFI No.	QUESTIONS / ANSWERS
1-6	<p>Question:</p> <ol style="list-style-type: none"> 1. Please confirm that the exhaust fans (EF-1 thru EF-5) shown on M-305 do not require concrete equipment pads and will be placed directly on the new structural slab. 2. Please confirm that all air handling units (AHU-1,2,&3) will not require concrete equipment pads and will be placed directly on the new structural slab. 3. Please reference sheet M-100. Adjacent just east of gridline G appears to be what looks like an AHU. This item is not shown on the other drawings. Please confirm that these items do not exist. <p>Answer:</p> <ol style="list-style-type: none"> 1. Additional concrete is not required, the exhaust fans sit on vibration isolators attached directly to the structural slab 2.confirmed, the AHU's will be set on metal curbs, directly attached to the structural slab 3. please see enlarged plan, there is no equipment at this location.
1-7	<p>Question:</p> <ol style="list-style-type: none"> 1. Please confirm that an equipment pad is required for the transformer shown on on C4/A-102-B. 2. Please confirm that an equipment pad is required for the equipment T-Pa and HDP-Pa shown on 5/EP-401. 3. Please reference A1/M-100-A2. Please confirm that the following equipment would require a concrete housekeeping pad: CHWP-1,2,&3, ECWP-1&2, AS-1, HHWP-1,2,&3, HX-1, CRU-1. 4. Please reference A1/P-100-A2. Please confirm that the following equipment would require a concrete housekeeping pad: LAC-1&2, LAR-1, LAD-1&2, LVP-1, DHX-1, DET-1, IHX-1, IET-1, RO-RO-1, RO-TNK-1, DIP-1&2. <p>Answer:</p> <ol style="list-style-type: none"> 1. Provide 4" concrete housekeeping pad per 26 00 10 for the transformer. 2.Provide 4" concrete housekeeping pad per 26 00 10 for the electrical equipment as shown on EP-401 3. Confirmed, equipment housekeeping pads are required. 4. Confirmed, equipment housekeeping pads are required.
1-8	<p>Question: Does AB219 apply to this project (concrete drivers)?</p> <p>Answer: See AB219.</p>
1-9	<p>Question: The Scope of Work, II, 28. states that working hours to be 7:00 a.m. to 9:00 p.m. however the Project Special Requirements, item 38 calls for working hours to be 7:00 a.m. to 5:00 p.m. Please advise.</p> <p>Answer: Normal working hours are 7:00am to 3:30pm, M - F. PCL typically has staff on-site up to 5:00pm. With prior notice, we are allowed to work until 9:00pm. Work outside the hours described will need to be approved on a case-by-case basis.</p>

BID RFI No.	QUESTIONS / ANSWERS
1-10	<p>Question:</p> <ol style="list-style-type: none"> 1. Structural details (e.g. B2/S-301, B4/S-301, etc.) calls out sawcutting and chipping of existing concrete. Please confirm that all demo of concrete is to be excluded. Note that cleaning and roughening of concrete where new concrete will abut to existing concrete is included. 2. Please confirm that coring and sawcutting of concrete per B4/S-302 is excluded. 3. Demolition details (e.g. D2&D3/SD-104-B) calls for exposed rebar to receive rust inhibitor. Please confirm that application of rust inhibitor will be performed by the others (demo sub.). <p>Answer: Any sawcutting and demolition shown on the Demolition drawings is part of the Demolition scope-of-work. Any sawcutting and demolition that is not shown on the Demolition drawings but required to perform any portion of the BP#06 work must be included in your pricing. Cleaning of rebar and application of rust inhibitor is part of the scope of this Bid Package.</p>
1-11	<p>Question: Detail B5/S-302 calls for infill of exiting openings. Please identify the number, dimensions, and locations of these new infills.</p> <p>Answer: Infill occurs where existing ducts, between concrete joists, are removed leaving a void. See demo drawings and existing Multi-Vista photographs.</p>
1-12	<p>Question:</p> <ol style="list-style-type: none"> 1. B1/SD-106-A, note #1 calls for re-support of hangers to (N) concrete lid, however, B2/S-501 which is labeled "Typical existing catwalk hanger rod support" shows the existing catwalk connected to a new HSS beam. Please advise. 2. S-105-A note 7. calls out B1/S-501 where HSS supports conflicts with existing ducts. Please indicate where these conflicts occur or provide a number of locations where sleeves will be required. 3. B1/SD-106-A requires the demolition sub to provide shoring of catwalks prior to demo of existing slab between grids J & H. <ol style="list-style-type: none"> A. Does this detail apply only at areas between grids J & H?. B. Does this detail only apply for areas A-1 & A-2, and not for area B? C. Will the concrete contractor be required to provide shoring between levels basement thru roof? Will the shoring provided by the demo. Sub for the floors basement thru level 4 be able to support the shoring load for the new concrete deck at roof? D. If shoring of all decks are required by the concrete contractor, please provide as-builts for areas A1 & A2. The as-builts provided only provided information for area B. E. If shoring of all decks are required, will the existing MEP equipment/ducts and catwalks encompassing the area of the new slab below be removed to provide access for shoring? 4. Will the concrete contractor be required to provide shoring between levels 1 thru 4 at area B (S-104-B) for the new concrete deck? If shoring of all decks are required, will the existing MEP equipment/ducts and catwalks encompassing the area of the new slab below be removed to provide access for shoring? <p>Answer:</p> <ol style="list-style-type: none"> 1. Rod to be typically hung from HSS beams unless HSS beams cannot be installed due to conflict with mechanical ducting. 2. Contractor to coordinate where conflicts occur with duct routing 3A. The catwalks are typically hung from either the concrete lid or the concrete slab (shown on section B1/SD-106-A). Shoring is required anytime the hangers for the catwalk lose connection to the existing concrete above. 3B. Catwalks in Area B don't hang continuously from the existing concrete lid. The concrete catwalk hanging from the concrete lid is also being removed so no shoring is required.

	<p>3C. The Demolition contractor is only obligated to provide shoring for its own scope-of-work. Shoring required for the concrete work must be carried in BP#06.</p> <p>3D. For the purposes of this bid, assume that conditions for Areas A1 and A2 are similar to those in Area B. As-builts for Areas A1 and A2 to be provided at a later date.</p> <p>3E. Please refer to Demolition drawings for MEP items to be removed. Shoring will need to be designed around remaining items.</p> <p>4. See response to Item 3E.</p>
1-13	<p>Question: 033500-1, 1.2, C. calls for 8' x 8' mock-up slabs and panels. Would we be required to provide (1) mock-up for the structural slab and (1) mock up for the retaining wall for the Transformer Pad? Please advise.</p> <p>Answer: No mockup of slab and retaining walls are required.</p>
1-14	<p>Question: Item #9.0 of the bid form identifies Bid Package #07 instead of #06. I believe this is a typo.</p> <p>Answer: Confirmed. Please list Subcontractors to be used for Bid Package # 06, not Bid Package # 07. See and use the revised Bid Form issued in this Addendum.</p>
1-15	<p>Question: Sheets G-202 thru G-204 shows 4 phases of demolition. Please provide the start dates and durations of these phases. It was noted in the pre-bid conference that each phase has a duration of approximately 6 months.</p> <p>Answer: Since an NTP date cannot be determined at this time, the start dates for each phase cannot be provided. Please refer to the activity durations in the Preliminary Project Schedule in Folder 09 'Bid Package Exhibits' for anticipated durations.</p>
1-16	<p>Question: The General notes on sheet G-101 states that the building will be occupied. In the Pre-bid conference it was mentioned that "Area B," the south portion of building will be occupied and areas A1 and A2 will not be occupied. Please advise.</p> <p>Answer: Phase 0: Building fully occupied for 4+ months; Phase 0 starts 4 months before Phase 1, but ends at the same time as Phase 1. Phase 1: Building partially occupied; 6 month planned duration. Phase 2: Phase 2 area occupants all move out; 6 month planned duration. Phase 3: Phase 3 area occupants all move out; 6 month planned duration. Phase 4: Phase 4 area occupants all move out; 6 month planned duration.</p>
1-17	<p>Question: Please confirm that this project has a Skilled and Trained Workforce Requirement and that monthly reporting demonstrating all workers in an apprenticeable occupation are either apprentices or skilled journeypersons as defined under CA law, and graduation percentages for skilled journeypersons as required by CA law. CA law requires withholding of 150% of a subcontractor's monthly pay application if Subcontractor fails to provide a report or such report demonstrates non-compliance without a plan to achieve substantial compliance with the skilled and trained workforce laws.</p> <p>Answer: See Instructions to Bidders, but mainly Article 2.</p>
1-18	<p>Question: Please confirm that both concrete pads on roof Section A and Section B area to be poured in the first phase of the project. Please confirm the phase that concrete is to be poured.</p> <p>Answer: Confirmed. Both roof decks will be in Phase 0 (not Phase 1).</p>

BID RFI No.	QUESTIONS / ANSWERS
1-19	<p>Question: Page AS-102 references ground work at H/C-101 but this plan sheet is not provided and is not listed on the Index. Please provide plan sheet C-101.</p> <p>Answer: Reference should be C-100</p>
1-20	<p>Question: At A5/S-302 there is “waterproofing material, 12” Min open Gravel Backfill, 4” Ø perforated pipe wrapped in filter fabric.” Please confirm which bid package is responsible for this waterproofing material, gravel and perforated pipe.</p> <p>Answer: The waterproofing, gravel, and perforated pipe should be included in the scope of this Bid Package (# 06).</p>
1-21	<p>Question: Can I send my bid for BP06, Concrete, to both PCL and UCR?</p> <p>Answer: No, bids for BP06, Concrete, must only be sent to UCR or the bid will be considered unresponsive. PCL is also bidding the concrete portion of this project and must not have access to other bidders’ numbers. Only send BP06, Concrete, Bid to betty.osuna@ucr.edu</p>
1-22	<p>Question: Are there RFI's associated with other packages for this project?</p> <p>Answer: See attached document “<i>RFIs & Responses from Original Bid (3/23/21)</i>”, 24 pages, provided in this Addendum.</p>

END OF ADDENDUM

INSTRUCTIONS TO BIDDERS

TABLE OF CONTENTS

ARTICLE 1 - DEFINITIONS

ARTICLE 2 - BIDDER'S REPRESENTATIONS

ARTICLE 3 - BIDDING DOCUMENTS

- 3.1 COPIES
- 3.2 INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS
- 3.3 PRODUCT SUBSTITUTIONS
- 3.4 NOT USED
- 3.5 ADDENDA
- 3.6 BUILDER'S RISK PROPERTY INSURANCE

ARTICLE 4 - PRE-BID CONFERENCE

ARTICLE 5 - BIDDING PROCEDURES

- 5.1 FORM AND STYLE OF BIDS
- 5.2 BID SECURITY
- 5.3 SUBMISSION OF BIDS
- 5.4 MODIFICATION OR WITHDRAWAL OF BID

ARTICLE 6 - CONSIDERATION OF BIDS

- 6.1 OPENING OF BIDS
- 6.2 REJECTION OF BIDS
- 6.3 AWARD

ARTICLE 7 - BID PROTEST

- 7.1 FILING A BID PROTEST
- 7.2 RESOLUTION OF BID CONTROVERSY

ARTICLE 1: DEFINITIONS

- 1.1 Except as otherwise specifically provided, definitions set forth in the contract between the University and the CM/Contractor are applicable to all Bidding Documents.
- 1.2 The term "Addenda" means written or graphic instruments issued by CM/Contractor prior to the Bid Deadline which modify or interpret the Bidding Documents by additions, deletions, clarifications, or corrections.
- 1.3 The term "Alternate" means a proposed change in the Work, as described in the Bidding Documents which, if accepted, may result in a change to either the Contract Sum or the Contract Time, or both.
- 1.4 The term "Bid Deadline" means the date and time on or before which Bids must be received, as designated in the Advertisement for Bids and which may be revised by Addenda.
- 1.5 The term "Bidder" means a person or firm that submits a Bid.
- 1.6 The term "Bidding Documents" means the construction documents prepared and issued for bidding purposes including all Addenda thereto.
- 1.7 The term "Estimated Quantity" means the estimated quantity of an item of Unit Price Work.
- 1.8 Not Used.
- 1.9 The term "Lump Sum Base Bid" means the sum stated in the Bid for which Bidder offers to perform the Work described in the Bidding Documents, but not including Unit Price items or Alternates.
- 1.10 Not Used.
- 1.11 The term "Unit Price" means an amount stated in the Bid for which Bidder offers to perform an item of Unit Price Work for a fixed price per unit of measurement.
- 1.12 Not Used.
- 1.13 The term "CM/Contractor" means PCL Construction, who has signed a CM at Risk Contract agreement with University for the work of the UCR Batchelor Hall Renewal project, of which this bid package is a part.
- 1.14 The California State General Prevailing Wage Determination for this Project is 2020-2. Bidder is required to refer to the California Department of Industrial Relations website (<http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>) and confirm the correct Prevailing Wage Determination for this Project.

ARTICLE 2: BIDDER'S REPRESENTATIONS

- 2.1 Bidder, by making a Bid, represents that:
 - 2.1.1 Bidder has read, understood, and made the Bid in accordance with the provisions of the Bidding Documents.

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

2.1.2 Bidder has visited the Project site and is familiar with the conditions under which the Work is to be performed and the local conditions as related to the requirements of the Contract Documents.

2.1.3 The Bid is based upon the materials, equipment, and systems required by the Bidding Documents without exception.

2.1.4 At the time of submission of the Bid, Bidder and all Subcontractors, regardless of tier, have the appropriate current and active licenses issued by the State of California Contractors State License Board for the Work to be performed and any licenses specifically required by the Bidding Documents. If Bidder is a joint venture, at the time of submission of the Bid, Bidder shall have the licenses required by the preceding sentence in the name of the joint venture itself. The State of California Business and Professions Code, Division 3, Chapter 9, known as the "Contractor's License Law," establishes licensing requirements for contractors.

2.1.5 Bidder has read and shall abide by the nondiscrimination requirements contained in the contract between the University and the CM/Contractor.

2.1.6 Bidder has the expertise and financial capacity to perform and complete all obligations under the Bidding Documents.

2.1.7 The person executing the Bid Form is duly authorized and empowered to execute the Bid Form on behalf of Bidder.

2.1.8 Bidder is aware of and, if awarded the Contract, will comply with Applicable Code Requirements in its performance of the Work.

2.1.9 Successful Bidder shall pay all persons providing construction services and/or any labor on site, including any University location, no less than the UC Fair Wage (defined as \$13 per hour as of 10/1/15, \$14 per hour as of 10/1/16, and \$15 per hour as of 10/1/17) and shall comply with all applicable federal, state and local working condition requirements.

Bidder agrees that every contractor and subcontractors at every tier will use a skilled and trained workforce, meaning all workers in an apprenticeable occupation in the building and construction trades are either skilled journeypersons or apprentices registered in a program approved by the Chief of the Division of Apprenticeship Standards of the Department of Industrial Relations ("Chief") and in compliance with the following provisions:

- .1 For work performed on or after January 1, 2018, at least 40 percent of the skilled journeypersons employed to perform work on the project by every contractor and each of its subcontractors at every tier are graduates of an apprenticeship program for the applicable occupation.
- .2 For work performed on or after January 1, 2019, at least 50 percent of the skilled journeypersons employed to perform work on the contract or project by every contractor and each of its subcontractors at every tier are graduates of an apprenticeship program for the applicable occupation.
- .3 For work performed on or after January 1, 2020, at least 60 percent of the skilled journeypersons employed to perform work on the contract or project by every contractor and each of its subcontractors at every tier are graduates of an apprenticeship program for the applicable occupation.
- .4 The requirements above shall not apply to work performed in the following occupations:

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

acoustical installer, bricklayer, carpenter, cement mason, drywall installer or lather, marble mason, finisher, or setter, modular furniture or systems installer, operating engineer, pile driver, plasterer, roofer or waterproofer, stone mason, surveyor, teamster, terrazzo worker or finisher, and tile layer, setter, or finisher.

- .5 Apprenticesable occupations without Chief-approved apprenticeship programs prior to January 1, 1995 may satisfy the above thresholds with up to 50 percent skilled journeypersons who worked in those occupations before the Chief approved of an apprenticeship program.
- .6 The apprenticeship graduation percentage requirements above are considered met if, in a calendar month, at least the percentage of skilled journeypersons meet the graduation percentage requirement, or the percentage of hours performed by skilled journeypersons meeting the graduation requirement is at least equal the required graduation percentage.
- .7 The apprenticeship graduation percentage requirements do not need to be met if, during the calendar month, skilled journeypersons perform fewer than 10 hours of work on the contract.
- .8 A subcontractor does not need to meet apprenticeship graduation percentage requirements if the subcontractor is not a listed subcontractor under California Public Contract Code Section 4104 or a substitute, and the subcontractor agreement does not exceed one-half of 1 percent of the price of the prime contract.

2.1.10 Bidder, and Bidder's subcontractors of all tiers, meet the following minimum occupational safety and health qualifications:

- .1 Bidder has had no serious and willful violations of Part 1 (commencing with Section 6300) of Division 5 of the Labor Code during the five-year period prior to bid opening.
- .2 Bidder has maintained a workers' compensation Experience Modification Rate (EMR) that averages below 1.15 for the past five years. (If Bidder has been in business for less than five years, and is not otherwise prohibited from bidding by the terms of other Bid qualification documents, then Bidder must have maintained a workers' compensation Experience Modification Rate (EMR) that averages below 1.15 for all years Bidder has been in business.)
- .3 Bidder has instituted an injury prevention program pursuant to Section 3201.5 or 6401.7 of the Labor Code.

After contract award, Bidder will verify that each of its Subcontractors at all tiers meet the requirements in 2.1.9/2.1.10 above by furnishing a fully executed "Declaration of Contractor or Subcontractor Minimum Occupational Safety and Health Qualifications" form (Exhibit 1B to the contract between the University and the CM/Contractor) prior to each Subcontractor's commencement of Work.

ARTICLE 3: BIDDING DOCUMENTS

3.1 COPIES

- 3.1.1 Bidders may obtain complete sets of the Bidding Documents as indicated in the Advertisement for Bids.
- 3.1.2 Bidders shall use a complete set of Bidding Documents in preparing Bids.

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

3.1.3 Not Used.

3.2 INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS

3.2.1 Bidder shall, before submitting its Bid, carefully study and compare the components of the Bidding Documents and compare them with any other work being bid concurrently or presently under construction which relates to the Work for which the Bid is submitted; shall examine the Project site, the conditions under which the Work is to be performed, and the local conditions; and shall at once report to CM/Contractor errors, inconsistencies, or ambiguities discovered. If Bidder is awarded the Subcontract Agreement, Bidder waives any claim arising from any errors, inconsistencies or ambiguities, that Bidder, its subcontractors or suppliers, or any person or entity under Bidder on the Subcontract Agreement became aware of, or reasonably should have become aware of, prior to Bidder's submission of its Bid.

3.2.2 ~~Requests for clarification or interpretation of the Bidding Documents shall be addressed only to:~~

~~Tim Joyce (tjoyce@pcl.com) or Manny Zabat (mgzabat@pcl.com)~~

3.2.3 Clarifications, interpretations, corrections, and changes to the Bidding Documents will be made by Addenda issued as provided in Article 3.5. Clarifications, interpretations, corrections, and changes to the Bidding Documents made in any other manner shall not be binding and Bidders shall not rely upon them.

3.3 PRODUCT SUBSTITUTIONS

3.3.1 No substitutions will be considered prior to award of Contract. Substitutions will only be considered after award of the Contract and as provided for in the Contract Documents.

3.4 NOT USED

3.5 ADDENDA

3.5.1 Addenda will be issued only by CM/Contractor and only in writing. Addenda will be identified as such and will be posted on Contractors shared site, posted on University's website, mailed or delivered to all Planholders. At its sole discretion, the CM/Contractor may elect to deliver Addenda via facsimile to Planholders who have provided a facsimile number for receipt of Addenda.

3.5.2 Not Used.

3.5.3 Not Used.

3.5.4 Each Bidder shall be responsible for ascertaining, prior to submitting a Bid, that it has received all issued Addenda.

3.6 BUILDER'S RISK PROPERTY INSURANCE

3.6.1 University will provide builder's risk property insurance subject to the deductibles in the policy as required by the General Conditions if the Contract Sum exceeds \$200,000 at the time of award and the requirements of the Project are not excluded by such coverage. A summary of the provisions of the policy is included as an Exhibit to the Contract; the policy may be reviewed at the Facility office. Bidder agrees that the University's provision of builder's risk property insurance containing said provisions meets the University's obligation to provide builder's risk property insurance under the Contract and, in the event of a conflict between the provisions of the policy and any summary or description of the provisions contained herein or otherwise, the provisions of the policy shall control and shall be conclusively presumed to fulfill the University's obligation to provide such insurance.

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

ARTICLE 4: PRE-BID CONFERENCE

4.1 Bidder shall attend the Pre-Bid Conference via Zoom at which the requirements of the Bidding Documents are reviewed by CM/Contractor, comments and questions are received from Bidders. Any Bidder not attending the Pre-Bid Conference in its entirety will be deemed to have not complied with the requirements of the Bidding Documents and its Bid will be rejected.

ARTICLE 5: BIDDING PROCEDURES

5.1 FORM AND STYLE OF BIDS

5.1.1 Bids shall be submitted on the Bid Form included with the Bidding Documents. Bids not submitted on the CM/Contractor's Bid Form shall be rejected.

5.1.2 The Bid Form shall be filled in legibly in ink or by typewriter. All portions of the Bid Form must be completed and the Bid Form must be signed before the Bid is submitted. Failure to comply with the requirements of this Article 5.1.2 will result in the Bid being rejected as nonresponsive.

5.1.3 Bidder's failure to submit a price for any Alternate or Unit Price as dictated per their individual scope packages will result in the Bid being considered as nonresponsive. If Alternates are called for and no change in the Lump Sum Base Bid is required, indicate "No Change" by marking the appropriate box.

5.1.4 Bidder shall make no stipulations on the Bid Form nor qualify the Bid in any manner.

5.1.5 The Bid Form shall be signed by a person or persons legally authorized to bind Bidder to a contract. Bidder's Representative shall sign and date the Declaration included in the Bid Form. Failure to sign and date the declaration will cause the Bid to be rejected.

5.2 BID SECURITY

5.2.1 Each Bid shall be accompanied by Bid Security in the amount of 10% of the Lump Sum Base Bid as security for Bidder's obligation to enter into a Subcontract Agreement with CM/Contractor on the terms stated in the Bid Form and to furnish all items required by the Bidding Documents. Bid Security shall be a Bid Bond on the form provided by CM/Contractor and included herein. Failure to use CM/Contractor's Bid Bond form will result in the rejection of the Bid.

5.2.2 If the apparent lowest responsible Bidder fails to sign the Subcontract Agreement and furnish all items required by the Bidding Documents within the time limits specified in these Instructions to Bidders, CM/Contractor may reject such Bidder's Bid and select the next apparent lowest responsible Bidder until all Bids have been exhausted or CM/Contractor may reject all Bids. The Bidder whose Bid is rejected for such failure(s) shall be liable for and forfeit to CM/Contractor the amount of the difference, not to exceed the amount of the Bid Security, between the amount of the Bid of the Bidder so rejected and the greater amount for which CM/Contractor procures the Work.

5.2.3 The signature of the person executing the Bid Bond must be notarized. If an attorney-in-fact executes the Bid Bond on behalf of the surety, a copy of the current power of attorney bearing the notarized signature of the appropriate corporate officer shall be included with the Bid Bond.

5.2.4 Bid Security will be returned after the Subcontract Agreement has been signed by the successful Bidder and the CM/Contractor. Notwithstanding the preceding, if a Bidder fails or refuses, within 10 days after receipt of

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

notice of selection, to sign the Subcontract Agreement or submit to CM/Contractor all of the items required by the Bidding Documents, the CM/Contractor will retain that Bidder's Bid Security. The Bid Security will be retained until the CM/Contractor has been appropriately compensated.

5.3 SUBMISSION OF BIDS

5.3.1 The Bid Form, Bid Security, and all other documents required to be submitted as instructed on the Advertisement for Bids only.

5.3.2 A Bid received after the Bid Deadline will not be accepted.

5.3.3 Bidder shall assume full responsibility for timely delivery at the location designated for receipt of Bids.

5.3.4 Oral, telephonic, facsimile, or telegraphic Bids are invalid and will not be accepted.

5.4 MODIFICATION OR WITHDRAWAL OF BID

5.4.1 Prior to the Bid Deadline, a submitted Bid may be modified or withdrawn by notice to the CM/Contractor at the location designated for receipt of Bids. Such notice shall be in writing over the signature of Bidder and, in order to be effective, must be received on or before the Bid Deadline. A modification so made shall be worded so as not to reveal the amount of the original Bid.

5.4.2 A withdrawn Bid may be resubmitted on or before the Bid Deadline, provided that it then fully complies with the Bidding Requirements.

5.4.3 Bid Security shall be in an amount sufficient for the Bid as modified or resubmitted.

5.4.4 Bids may not be modified, withdrawn, or canceled within 60 days after the Bid Deadline.

ARTICLE 6: CONSIDERATION OF BIDS

6.1 OPENING OF BIDS

6.1 OPENING OF BIDS

6.1.1 Bids which have the required identification as stipulated in Article 5.3.1 and are received on or before the Bid Deadline will be opened. Upon completion of due diligence of submitted bids, all bids will be made available to all bidders.

6.2 REJECTION OF BIDS

6.2.1 CM/Contractor will have the right to reject all Bids.

6.2.2 CM/Contractor will have the right to reject any Bid not accompanied by the required Bid Security or any other item required by the Bidding Documents, or a Bid which is in any other way incomplete or irregular.

6.3 AWARD

6.3.1 CM/Contractor will have the right, but is not required, to waive nonmaterial irregularities in a Bid. If the CM/Contractor awards the Subcontract Agreement, it will be awarded to the responsible Bidder submitting the lowest responsive Bid as determined by CM/Contractor and who is not rejected by CM/Contractor for failing or refusing, within 10 days after receipt of notice of selection, to sign the Subcontract Agreement or submit to CM/Contractor all of the items required by the Bidding Documents.

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

6.3.2 CM/Contractor will have the right to accept Alternates in any order or combination, unless otherwise specifically provided in the Bidding Documents.

6.3.3 CM/Contractor will determine the low Bidder on the basis of the sum of the Lump Sum Base Bid plus all Unit Prices multiplied by their respective Estimated Quantities as stated in the Bid Form, if any, plus the amounts of all Alternates to be included in the Contract Sum at the time of award. The Contract Sum will be the sum of the Lump Sum Base Bid and the additive or deductive amounts for all Alternates that University has selected to be included in the Contract Sum as of the time of award.

6.3.4 CM/Contractor will post the Bid results in a public place at the address where the Bids are received (unless another address is specified in the Bidding Documents).

6.3.5 CM/Contractor will select the apparent lowest responsive and responsible Bidder and such Bidder will be notified by CM/Contractor on CM/Contractor's form within 50 days after the Bid Deadline or CM/Contractor will reject all Bids. Within 10 days after receipt of notice of selection as the apparent lowest responsive and responsible Bidder, Bidder shall submit to CM/Contractor all items listed in the Subcontract Agreement, including the following items:

- .1 Two originals of the Subcontract Agreement signed by Bidder.
- .2 Fully executed "Declaration of Contractor or Subcontractor Minimum Occupational Safety and Health Qualifications" form (Exhibit 1B in the Contract Documents for Agreement between University and CM/Contractor completed by Bidder.

6.3.6 Not Used.

6.3.7 If Bidder submits two originals of the signed Subcontract Agreement and all other items required to be submitted to CM/Contractor within 10 days after receipt of notice of selection as the apparent lowest responsive and responsible Bidder, and if all such items comply with the requirements of the Bidding Documents and are acceptable to CM/Contractor, CM/Contractor will award the Subcontract Agreement to Bidder by signing the agreement and returning a signed copy of the agreement to Bidder.

6.3.8 If CM/Contractor consents to the withdrawal of the Bid of the apparent lowest responsive and responsible Bidder, or the apparent lowest responsive and responsible Bidder fails or refuses to sign the Subcontract Agreement or submit to CM/Contractor all of the items required by the Bidding Documents, within 10 days after receipt of notice of selection, or that Bidder is not financially or otherwise qualified to perform the Contract, CM/Contractor may reject such Bidder's Bid and select the next apparent lowest responsive Bidder, until all Bids are exhausted, or reject all Bids. Any Bidder whose Bid is rejected because the Bidder has failed or refused, within 10 days after receipt of notice of selection, to sign the Subcontract Agreement or submit to CM/Contractor all of the items required by the Bidding Documents, shall be liable to the CM/Contractor for all resulting damages.

ARTICLE 7: BID PROTEST

7.1 FILING A BID PROTEST

7.1.1 For purposes of a bid protest, the address of University's Facility office is:

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

University of California, Riverside, Planning, Design & Construction,
Attn: Construction Contracts
900 University Avenue
Riverside, CA 92521

7.1.2 Any Bidder, person, or entity may file a Bid protest. The protest must state the specific reasons and facts upon which the protest is based and shall be filed in writing with the Facility office issuing the bidding documents, not later than 5:00 pm on the 3rd business day after:

- .1 if the Bid Form does not contain any Alternate(s), the date of the Bid opening;
- .2 if the Bid Form contains any Alternate(s), the date of posting in a public place of Bid results.
- .3 Must also include a copy of the bid protest via email to: betty.osuna@ucr.edu

7.1.3 If a Bid is rejected by the CM/Contractor and such rejection is not in response to a Bid protest, any Bidder, person or entity may dispute that rejection by filing a Bid protest (limited to the rejection) in writing and received by the Facility not later than 5:00 pm on the 3rd business day following the rejected Bidder's receipt of the notice of rejection.

7.1.4 For the purpose of computing any time period in this Article 7, the date of receipt of any notice shall be the date on which the intended recipient of such notice actually received it. Delivery of any notice may be by any means, with verbal or written confirmation of receipt by the intended recipient.

7.2 RESOLUTION OF BID CONTROVERSY

7.2.1 Facility will investigate the basis for the Bid protest and analyze the facts. Facility will notify Bidder whose Bid is the subject of the Bid protest of evidence presented in the Bid protest and evidence found as a result of the investigation, and, if deemed appropriate, afford Bidder an opportunity to rebut such evidence, and permit Bidder to present evidence that it should be allowed to perform the Work. If deemed appropriate by Facility, an informal hearing will be held. Facility will issue a written decision within 15 days following receipt of the Bid protest, unless factors beyond Facility's reasonable control prevent such a resolution, in which event such decision will be issued as expeditiously as circumstances reasonably permit. The decision will state the reasons for the action taken by Facility. A written copy of the decision will be furnished to the protestor, the Bidder whose Bid is the subject of the Bid protest, and all Bidders affected by the decision. As used in this Article 7, a Bidder is affected by the decision on a Bid protest if a decision on the protest could have resulted in the Bidder not being the lowest responsible and responsive Bidder for the Contract. A written copy of the Facility's decision must be received by the protestor, the Bidder whose Bid is the subject of the Bid protest, and all Bidders affected by the decision no later than 3 business days prior to award of the contract.

7.2.2 Notwithstanding the provisions of Article 7.2.1, at the election of Facility, a Bid protest may be referred directly to University's Construction Review Board without prior investigation and review by Facility. The Chair of the Construction Review Board will either decide the Bid protest or appoint a Hearing Officer. If a Hearing Officer is appointed, the Hearing Officer will review the Bid protest in accordance with the provisions of Article 7.2.5.

7.2.3 Bidder whose Bid is the subject of the protest, all Bidders affected by the Facility's decision on the protest, and the protestor have the right to appeal to the Construction Review Board if not satisfied with Facility's decision. The appeal must be in writing and shall specify the decision being appealed and all the facts and circumstances relied upon in support of the appeal. A copy of the appeal must be received by the Chair, Construction Review

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

Board, no later than 5:00 pm on the 3rd business day following appellant's receipt of the written decision of Facility, at the following address:

Chair, Construction Review Board
University of California
Office of the President
1111 Franklin Street, 6th Floor
Oakland, CA 94607-5200
Attention: Director, Construction Services

And, by email to:

constructionreviewboard@ucop.edu

7.2.4 A copy of the appeal shall be sent to all parties involved in the Bid protest and to Facility and to the CM/Contractor, to the same address and in the same manner as the original protest. An appeal received after 5:00 pm is considered received as of the next business day. If the final date for receipt of an appeal falls on a Saturday, Sunday, or University holiday, the appeal will be considered timely only if received by 5:00 pm on the following business day. The burden of proving timely receipt of the appeal is on the appealing party.

7.2.5 The Chair of the Construction Review Board will review the Facility's decision and the appeal, and issue a written decision, or if appropriate, appoint a Hearing Officer to conduct a hearing and issue a written decision. If a hearing is held, the hearing shall be held not later than the 10th day following the appointment of the Hearing Officer unless the Hearing Officer for good cause determines otherwise. The written decision of the Chair or Hearing Officer will state the basis of the decision, and the decision will be final and not subject to any further appeal to University. The Chair or Hearing Officer may consult with the University's Office of the General Counsel on the decision as to legal form. The University will complete its internal Bid protest procedures before award of the Contract.

- END INSTRUCTIONS TO BIDDERS -

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303

RE-BID 4/26/21

Addendum 1, May 14, 2021

BIDDER'S NAME: _____

1.0 BIDDER'S REPRESENTATIONS

Bidder, represents that a) it, and all Subcontractors, regardless of tier, have the appropriate current and active Contractor's license 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; e) Bidder and all Subcontractors, regardless of tier, are currently registered with the California Department of Industrial Relations pursuant to California Labor Code Section 1725.5 and 1771.1. Bidder represents that the Key Personnel identified in its Prequalification submittal shall be the Bidder's personnel provided pursuant to the corresponding provisions of the contract, if the contract is awarded to the Bidder. Bidder further agrees that it will not withdraw its Bid within 60 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 **850** days after the date for 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 have been issued for this Bid.

3.0 CONTRACT SUM

The Contract Sum at time of award will be the total Contract Sum plus any Alternates selected by the University.

4.0 LUMP SUM BASE BID for BID PACKAGE # 06 'CAST-IN-PLACE CONCRETE & REINFORCING STEEL'

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(Place figures in appropriate boxes.)

Bid amount must exclude costs for payment/performance bonds.

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303

RE-BID 4/26/21

Addendum 1, May 14, 2021

BIDDER'S NAME: _____

5.0 SELECTION OF APPARENT LOW BIDDER

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

6.0 UNIT PRICES – NOT USED

7.0 DAILY RATE OF COMPENSATION FOR COMPENSABLE DELAYS – NOT USED

8.0 ALTERNATES (*Bid amount must exclude costs for payment/performance bonds.*)

<p>Alternate No. 1: NOT USED</p>	
<p>Alternate No. 2: NOT USED</p>	
<p>Alternate No. 3: Elevator Modernization Provide elevator modernization for Elevator # 1 as specified in 14 22 10.</p>	<p>\$ <input type="text" value="NOT APPLICABLE TO THIS BID PACKAGE"/> (Place figures in appropriate boxes.)</p>
<p>Alternate No. 4a: Card Readers at Exterior Doors Provide base Alternate scope for Level 1 and Level 2 doors (9 total).</p>	<p>\$ <input type="text" value="NOT APPLICABLE TO THIS BID PACKAGE"/> (Place figures in appropriate boxes.)</p>
<p>Alternate No. 4b: Card Readers at Exterior Doors Provide unit pricing for individual doors on Levels 3 & 4 (6 total) to be added as determined and selected individually by the University.</p>	<p>\$ <input type="text" value="NOT APPLICABLE TO THIS BID PACKAGE"/> (Place figures in appropriate boxes.)</p>
<p>Alternate No. 5: Fire Sprinkler Scope Provide as shown on the Fire Protection drawings F-10x-ALT series, and in accordance with specification section 21 10 00.</p>	<p>\$ <input type="text" value="NOT APPLICABLE TO THIS BID PACKAGE"/> (Place figures in appropriate boxes.)</p>

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303

RE-BID 4/26/21

Addendum 1, May 14, 2021

BIDDER'S NAME: _____

10.0 BIDDER INFORMATION

TYPE OF ORGANIZATION:

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

If a corporation, corporation is organized under the laws:

STATE OF: _____
(State)

NAME OF THE PRESIDENT OF THE CORPORATION:

(Insert Name)

NAME OF THE SECRETARY OF THE CORPORATION:

(Insert Name)

IF A PARTNERSHIP, NAMES AND TITLES OF PERSONS SIGNING THE BID ON BEHALF OF BIDDER AND ALL GENERAL PARTNERS:

PERSONS SIGNING ON BEHALF OF THE BIDDER:

(Insert Names and Titles)

ALL GENERAL PARTNERS:

(Insert Names)

CALIFORNIA CONTRACTORS LICENSE(S):

_____ _____ _____
(Classification) *(License Number)* *(Expiration Date)*

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

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303

RE-BID 4/26/21

Addendum 1, May 14, 2021

BIDDER'S NAME: _____

11.0 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)

12.0 DECLARATION

I, _____ hereby declare that I am the
(Printed name)
_____ 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 further declare that this bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

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)

- END BID FORM -

RFIs & Responses from Original Bid (3/23/21)

UCR BATCHELOR HALL RENEWAL PROJECT

PROJECT NO. 950464-950531

University of California, Riverside
Planning, Design, & Construction
1223 University Ave., Suite 240
Riverside, CA 92507

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
01	<p>Question: Plumbing drawing P-803 calls out that the owner will be furnishing the DI mixed Bed filter. Who will be furnishing Reverse Osmosis /Deionized water equipment, and will a schedule be provided? The equipment is detailed on the flow diagram, but it is not clear what part the plumbing contractor should do. Will the plumbing contractor be providing and installing DI water equipment, and will there be any piping between the equipment, or will it all be pre-piped?</p> <p>Document Reference: P-803; Spec Sec 22 67 21</p> <p>Answer: The RODI water system is part of the scope-of-work for Bid Package # 02 - Plumbing. Please refer to Division 22 (and more specifically, Section 22 67 21) for more information on the system. The details of the installation will need to be worked out between the bidder and the water system vendor.</p>
02	<p>Question: The scope of work for BP #5 states that we own all abatement in the survey. Is this actually true, or where indicated by the demo drawings? The survey seems to include a lot of areas such as the building exterior that aren't part of the upgrade. Also, can the consultant provide quantities to use for bidding purposes since not all items in the survey are quantified?</p> <p>Document Reference: BP#05 Scope of Work</p> <p>Answer: Items indicated in the drawings or affected by required work are included in the scope-of-work. As a rule, if the areas are not affected by the upgrades, then they are to be protected in place. Consultants do not provide quantities for pricing purposes. If the scope or extent of the work is unclear, please submit a question regarding that specific portion of the work.</p>
03	<p>Question: The SLD sheets E-604 & E-605 do not appear to be associated with the other SLD's E-601, E-602, and E-603. Also, there are no panel schedules pertaining to either E-604 & E-605. Furthermore, there are no ED, EL, or EP sheets indicating or reflecting this work shown on E-604 & E-605. Please advise on how to proceed for bidding purposes.</p> <p>Document Reference: E-601; E-602; E-603; E-604; E-605</p> <p>Answer: There is NO SCOPE of work associated with drawings E-604 AND E-605. They can be deleted from the set.</p>
04	<p>Question: There are three locations on the high roof where the mechanical screen walls are shown. They also appear in section and elevation sheets. However, there is nothing in the Mechanical, Structural, or Architectural sheets that describe what they are constructed of. Please clarify.</p> <p>Answer: No rooftop mechanical screen is shown. (Item A08 is the mechanical penthouse that houses the stair and electrical room at the center of the building.)</p>
05	<p>Question: Interior finishes indicate ACT in various locations 'where needed'. The only place shown on plans is in Wet Lab 2163A. Please identify the various other locations referenced in the Finishes Legend and/or give direction as to how we are to quantify the various locations.</p> <p>Document Reference: I-600</p> <p>Answer: The only new ACT is in Wet Lab 2163A - for bidding purposes, this is the extent of the ACT scope.</p>
06	<p>Question: The extent of patching and fire-rating at the mechanical core is unclear. There are many places throughout the building core where old piping is being replaced with new at the fire-rated walls. We are to include patching-back the rating where this occurs.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<p>Q1: Will the abandoned pipes be left within the wall cavity or completely removed? If completely removed, will we be able to access the affected lab spaces so we can patch the holes on that side of the rated wall?</p> <p>Q2: With the demo yet to start, how should we quantify the amount of this patching? Until the space is free and clear of all items to be removed, this is a moving target. Can this work be carried by all bidders as an allowance?</p> <p>Document Reference: N/A</p> <p>Answer: Q1: The abandoned pipes will be completely removed. Access to the affected lab spaces will be available as long as that phase of the project is shut down for construction.</p> <p>Q2: Items to be removed can be ascertained from the demolition drawings. Your patching price should be based on this information. BP#14 already includes a \$10,000 allowance for misc. work related to this scope.</p>
07	<p>Question: Bid Package # 14 Scope-Specific Inclusions includes Division 13 spec 13 48 00. This bid package inclusion is new to us as framers and drywall hangers and we have no resources for this specialty trade work. We Typically do the seismic restraints in ceilings and walls per architectural and structural details only and the way the spec reads, we don't exactly qualify as erectors. Because this is such an unusual scope inclusion for us, we would need to find a lower tier sub to perform the work. Is there a preferred sub for this scope that we could contact?</p> <p>Document Reference: Spec Sec 13 48 00</p> <p>Answer: Delete Section 13 48 00 from the scope of Bid Package # 14.</p>
08	<p>Question: Are the rooftop MEP items to be field-painted? (The rooftop MEP items on the adjacent buildings are not painted.)</p> <p>Document Reference: N/A</p> <p>Answer: AHU's are factory finished per 23 73 23 – 2.2.G / Lab Fans are factory finished per 23 35 00 – 2.3.B / HVAC Lab Exhaust exterior ducting is stainless steel and shall be painted to match exterior concrete walls paint color per keynote A90 on A-201 and A-202. Mech Piping is insulated and applied with aluminum jacket not painted/finished per 20 07 00 – 3.10.C.</p>
09	<p>Question: Please confirm that the new perimeter parapet and metal flashing are to be pre-finished and not field-painted.</p> <p>Document Reference: N/A</p> <p>Answer: Confirmed.</p>
10	<p>Question: Please confirm that the new galvanized guardrail and catwalks are not to be field-painted.</p> <p>Document Reference: Spec Sec 09 91 13; Spec Sec 09 91 23</p> <p>Answer: Confirmed. Per 3.5 Exterior Paint, the guardrails should be painted- Metal Stairs, Handrails, and Guardrails - Ferrous, Primed, Zinc-coated, and Aluminum: 1. Water based urethane, Gloss Level 6, Gloss: a. Sherwin-Williams: 1) Prime coat: Pro Industrial Pro-Cryl Universal Acrylic Primer. 2) Intermediate coat: Waterbased Acrolon 100 Urethane, Gloss. 3) Topcoat: Waterbased Acrolon 100 Urethane, Gloss.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
11	<p>Question: Please confirm that no painting is required at the Basement level. If there is, please clarify scope (it appeared during the jobwalk that the concrete walls on that level were unfinished).</p> <p>Document Reference: N/A</p> <p>Answer: Confirmed.</p>
12	<p>Question: Please confirm that no painting is required at the Building Support Rooms.</p> <p>Document Reference: N/A</p> <p>Answer: Confirmed.</p>
13	<p>Question: Please clarify who is responsible for patching existing walls.</p> <p>Document Reference: N/A</p> <p>Answer: Minor prep and patching of all surfaces to be painted will be required as part of Bid Package # 17. Repair of fire-rated assemblies and/or fire caulking will be part of Bid Package # 14.</p>
14	<p>Question: Please confirm that there is no painting required at the corridor walls and ceilings as part of the base scope-of-work.</p> <p>Document Reference: N/A</p> <p>Answer: Confirmed. Paint wall to underside of structure is shown on the RCP's as keynote A95 for the Alternate #5.</p>
15	<p>Question: Is this a complete exterior paint job of the existing painted areas?</p> <p>Document Reference: N/A</p> <p>Answer: No. Exterior painting (except for any items specifically noted) is not included in the scope of Bid Package # 17.</p>
16	<p>Question: Can a boom lift (and/or other equipment) be driven over the grass lawn surrounding the building?</p> <p>Document Reference: 09h Logistics & Laydown Plan</p> <p>Answer: Yes. Please include plywood protection in your pricing.</p>
17	<p>Question: Please provide drawing I-001 'Interior Notes & Finish Legend' - it is not in the files uploaded through SmartBid.</p> <p>Document Reference: I-600</p> <p>Answer: The Interior Finish List & Room Finish Schedule is sheet I-600, which was issued as part of the bid documents.</p>
18	<p>Question: Please confirm that the countertops, sinks, and drying rack in Wet Lab 2163 are epoxy resin (Spec Section 12 35 53). Please clarify where solid-surface material (Spec Section 12 36 63) is required.</p> <p>Document Reference: Spec Sec 12 35 53; Spec Sec 12 36 63</p> <p>Answer: Confirmed - the countertops, sinks, and drying rack in Wet Lab 2163 are epoxy resin. Refer to the bid documents for locations (if any) of solid surface items.</p>
19	<p>Question: The Electrical plans show no electrical for Alternate # 3; that Alternate only references Spec 14 22 00. Are we to assume that BP # 20 (the elevator company) will self-perform and/or sub out the</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<p>electrical portion of that work? If not, will BP # 04 be responsible for this work? (If this work is to be part of BP # 04, electrical plans, schedules, details, etc. will be needed.)</p> <p>Document Reference: Spec Sec 14 22 00</p> <p>Answer: The refurbishing will use the existing feeder for powering the elevator and all new work will self-perform and/or sub out the electrical portion of that work.</p>
20	<p>Question: There is verbiage in all of the bid packages regarding demo. Are we (BP # 04) only to disconnect and safe-off the electrical for removal by others (BP # 05)?</p> <p>Document Reference: N/A</p> <p>Answer: BP # 04 will be responsible for cutting/capping/safing-off all electrical systems that are noted in the bid documents as to be demolished and/or removed. If however, there are any items that are not identified in the demo drawings as to be removed but need to be demolished and/or removed in order to perform any of the work in BP # 04, the demo/removal of those items should be included in the price for BP # 04.</p>
21	<p>Question: Please confirm that the civil grading and the concrete pads for the transformer as well as the high voltage switch will be performed by the BP # 06 contractor.</p> <p>Document Reference: C-100</p> <p>Answer: Confirmed - the retaining walls, concrete pad (including steps), and all excavation and grading work associated with those items are part of the BP # 06 scope.</p>
22	<p>Question: The plans call out to paint the new perimeter parapet to match existing concrete color, but spec section 09 91 13 - 1.2B calls out differently. Please clarify if the exterior existing concrete and CMU walls are required to be painted or not?</p> <p>Document Reference: A-201; A-202; Spec Sec 09 91 13</p> <p>Answer: The exterior existing concrete and CMU walls are not required to be painted. See also response to RFI Question # 9.</p>
23	<p>Question: There is no paint indicated on the Alternate # 4 door schedule. Please advise if there is any paint requirement on Alternate # 4.</p> <p>Document Reference: N/A</p> <p>Answer: There is no paint requirement for Alternate # 4.</p>
24	<p>Question: Please confirm that the interior painting scope-of-work is limited to the Note to "Paint wall to the underside of structural in corridor typ." and the door schedule. Is the exposed ceiling required to be painted?</p> <p>Document Reference: I-102-A; I-600</p> <p>Answer: Refer to sheets I-102-A and I-600 for finishes required at specific locations.</p>
25	<p>Question: Is there a lab room that is being converted into a classroom? Please advise if there is any painting requirement and where is the location.</p> <p>Document Reference: A-102-A</p> <p>Answer: Wet Labs 2163 & 2163A (located at grid C/8 on the 2nd Level) are part of the scope of this project. Refer to sheets I-102-A and I-600 for finishes required at specific locations.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
26	<p>Question: Per HVAC (Bid Package # 01) Scope-of-Work Item 29, we have (10) days to prepare and submit our shop drawings and submittals. For a project of this size, this process will take at least (6) weeks, maybe longer. Please revise our Scope-of-Work accordingly.</p> <p>Document Reference: BP#01 Scope of Work</p> <p>Answer: The shop drawings and submittal duration will be extended to 4 weeks for schedule-critical submittals. Please include in your pricing all costs necessary (i.e. expediting fees, overtime, etc.) to comply with this requirement.</p>
27	<p>Question: There is verbiage in all of the bid packages regarding temp power and lighting. Are we to assume all bid packages are responsible for only their temp power and lighting? Also it appears the University will be providing the spider/temporary power outlet boxes, power chords, and lighting to be installed by the respective bid package contractor. Please advise.</p> <p>Document Reference: N/A</p> <p>Answer: Each subcontractor will be responsible for their own construction power and task lighting. The University will not be providing any temporary construction power systems. Only standard building power will be available; any power requirements beyond normal building power is the subcontractor's responsibility.</p>
28	<p>Question: Please advise who the campus' preferred contractor for Access Control is.</p> <p>Document Reference: N/A</p> <p>Answer: Please refer to the specification 28 05 00 - 2.1.C for system requirements. The campus does not have a preferred installer.</p>
29	<p>Question: Bid Package # 04 lists Division 25 scope. Please confirm Division 25 scope under BP#04 is to provide only infrastructure, i.e. conduit, line voltage wiring, and disconnects associated with Division 25.</p> <p>Document Reference: BP#04 Scope of Work</p> <p>Answer: Confirmed.</p>
30	<p>Question: Per Key Note 2 on sheet E-604, please provide specifications for the substation.</p> <p>Document Reference: E-604</p> <p>Answer: Drawing E-604 and E-605 are for potential future renovations and inadvertently included in the bid package. There is no scope associated on those drawing for this phase of construction.</p>
31	<p>Question: Throughout the plan sets, there are areas clouded as 'Alternate' but the scope does not correspond to the Bid Form and the listed Alternates. For example, EL-100 has a clouded area (with lighting) listed as 'Alternate # 5', but the Bid Form lists Alternate # 5 as Fire Sprinkler Scope. Do we disregard all the areas listed on the plans as Alternates and carry the scope shown in the base? And only provide Alternates as those listed on the Bid Form?</p> <p>Document Reference: EL-100 & others</p> <p>Answer: The requirement to remove the ceilings, paint the walls and replace the lighting due to the fire sprinklers being installed is all part of Alternate #5 and must be included.</p>
32	<p>Question: Please provide required warranty period on workmanship.</p>

<u>RFI #</u>	<u>QUESTIONS & ANSWERS</u>
	<p>Document Reference: N/A</p> <p>Answer: The required warranty period on workmanship is one year from substantial completion.</p>
33	<p>Question: The elevator specification 142210 is very vague. Please clarify:</p> <ul style="list-style-type: none"> - 1.2.E. 'Serviceability' states, "...guarantee that the product will be supported for a minimum of 20 years". Can, "or as long as the product is supported by the OEM" be added? - 1.2.E-4. We will provide a parts list but no prices since prices will change with time. Please confirm. - 1.2.E-6. Please provide a time limit and a way to adjust hourly rates based on the year that said technical work is provided. - 2.1.A. Elevator No. 1 - 18: 'Power Unit' is generally referenced for hydraulic elevators; this elevator is a geared traction elevator. The intent is to provide new. Please provide direction. - 2.1.A. Elevator No. 1 - 29: 'Car Enclosure - Provide New.' What is the scope-of-work for the car enclosure? Please clarify. - 2.7.G. Hall Position Indicators - Please clarify which landings should be included. - 2.9.A. Passenger - This only references the emergency light unit; there is no mention of any other cab enclosure scope-of-work. 2.1.A-29 mentions "Provide New". Is there any additional work to be included as part of the cab enclosure? If so, please add description to scope-of-work. - 2.11.2.b. 'Horizontal Acceleration' - Has there been a reading of the existing elevator to confirm that the maximum 12 mg peak to peak is achievable? If so, please provide the report. - 2.11.3.a & b. 'Sound Control' - Has there been a reading of the existing conditions to confirm that the airborne noise levels are achievable? If so, please provide the report. - 2.13.B 'Controller' - What are the pre-approved controllers for this project? <p>Document Reference: Spec Sec 14 22 10</p> <p>Answer:</p> <ul style="list-style-type: none"> - 1.2.E. Specification to remain as written. - 1.2.E-4. Per attached revised specification, language modified to remove estimated escalation cost. - 1.2.E-6. Escalation to be based on established industry percentages. - 2.1.A. Elevator No. 1 - 18: Per attached revised specification, power unit removed. - 2.1.A. Elevator No. 1 - 29: Car materials are per I-600. Flooring to be Nora Grano color to be selected. - 2.7.G. Hall Position Indicators - Per attached revised specification, all landings should be included. - 2.9.A. is in addition to the standard new cab required by 2.1.A.29 and the car operating panel in 2.7.1.B. - 2.11.2.b. 'Horizontal Acceleration' - No available information - 2.11.3.a & b. 'Sound Control' - No available information - 2.13.B 'Controller' - Per attached revised specification, Motion Controls, ThyssenKrup, and Otis (listed in order of preference).
34	<p>Question: The elevator specifications have no mention of any existing machine work, motor, governor, hoist ropes, etc. Is the intent to retain and reuse the existing 'as-is'?</p> <p>Document Reference: Spec Sec 14 22 10</p>

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

<u>RFI #</u>	<u>QUESTIONS & ANSWERS</u>
	<p>Answer: Provide new motor, governor, hoist ropes, etc., to modernize the elevator and extend the life of all components.</p>
35	<p>Question: We have pre-negotiated Terms & Conditions with PCL Construction and existing pre-negotiated preventive maintenance Terms & Conditions with the University of California - Riverside. Our bid will be based on those. Please confirm that this will be acceptable.</p> <p>Document Reference: N/A</p> <p>Answer: Terms and conditions are to be bid as per plans and specs provided. Bid should reflect work shown in the plans and specs provided.</p>
36	<p>Question: Drawing MS-101 appears to show Temporary Water Plants, Temporary HVAC Equipment, Temporary Ductwork and Piping. Are they part of this bid?</p> <p>Document Reference: MS-101</p> <p>Answer: Yes. Temporary systems required to maintain the usability of areas that are not under construction are part of the scope of this project.</p>
37	<p>Question: Please confirm that Laboratory Exhaust Ductwork indicated as LE on the drawings has to be 316 Stainless Steel welded ductwork per Section 233113 paragraph 2.4.</p> <p>Document Reference: Spec Sec 23 31 13</p> <p>Answer: Per Spec Section 23 31 13, ductwork, fittings, and accessories for Laboratory and Fume Hood Exhaust (designated as 'LE' & 'FHE') need to be butt-welded 316 Stainless Steel.</p>
38	<p>Question: Please confirm that only two rows of backing are required for the roofing termination bar at detail A5/A-505 as shown (note says 'as required by roofing manufacturer').</p> <p>Document Reference: A-505</p> <p>Answer: Backing requirements and locations are to be coordinated with selected roofing manufacturer's requirements to provide specified warranted system. Detail A5-A-505 no longer applies to this scope.</p>
39	<p>Question: Please clarify how high the new 5/8" dens-deck at detail A5/A-505 goes, and provide a detail at the transition to the existing exterior finish.</p> <p>Document Reference: A-505</p> <p>Answer: Detail A5-A-505 no longer applies to this scope.</p>
40	<p>Question: Bid Package # 14 calls for the Acoustical Ceilings to be included. However, Addendum # 2 shows the Acoustical ceilings as BP # 15. Please confirm which scope the Acoustical ceilings are in.</p> <p>Document Reference: BP#14 Scope of Work</p> <p>Answer: Bid Package # 15 is NOT USED. The Acoustical Ceiling scope is part of Bid Package # 14.</p>
41	<p>Question: The RCP's are not very clear as to what is new and what is existing Acoustical ceilings. Please identify between the new and existing ceilings.</p> <p>Document Reference: AC-101-A through AC-104-A</p> <p>Answer: The only new Acoustical Ceiling is in Wet Lab 2163/2163A.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
42	<p>Question: Please confirm that patching the existing walls per note A95 on RCP drawings AC-101A through AC-104A is part of ALT. # 5 and no patching is included for these walls in the base bid.</p> <p>Document Reference: AC-101A through AC-104A</p> <p>Answer: Confirmed.</p>
43	<p>Question: Please confirm ALT. # 5 is only demo of ACT ceilings and no new ceilings are included.</p> <p>Document Reference: N/A</p> <p>Answer: Confirmed.</p>
44	<p>Question: Please clarify the scope-of-work for Bid Package # 14 (Framing & Drywall) where there are existing ducts being removed and new ducts being added. Is there any patching of the corridor walls required? If patching of the corridor walls is required at mechanical ducts (new and removed) please provide a detail on how to frame and patch these walls.</p> <p>Document Reference: N/A</p> <p>Answer: Yes - patching will be required. Please refer to the Mechanical drawings for sizes of ducts being removed and sizes of new ductwork. Match existing wall construction.</p>
45	<p>Question: Please provide a detail for framing at the fire dampers.</p> <p>Document Reference: N/A</p> <p>Answer: Provide standard framing as required per manufacturer's installation details.</p>
46 - 48	<p>See response to RFI # 113.</p>
49	<p>Question: Please confirm that no BIM will be required for the temporary condition(s) prior to final installation.</p> <p>Document Reference: N/A</p> <p>Answer: Confirmed.</p>
50	<p>Question: At the pre-bid presentation, it was mentioned that there may be a parking lot within vicinity of project where construction personnel could park at no cost. Please advise if this is so and where it is located.</p> <p>Document Reference: N/A</p> <p>Answer: The Contractor parking lot is located at the corner of Canyon Crest Dr. & Linden St., which is not near Batchelor Hall. If you use this lot, you will likely need to shuttle your workers to and from it. Visit https://transportation.ucr.edu/ for more information.</p>
51	<p>Question: What is the current BAS controls within the building and is there a sole source / acceptable list of controls entities who can work on this project?</p> <p>Document Reference: N/A</p> <p>Answer: Existing BAS is Johnson Controls Metasys per 255000-1.2.A). Pre-approved acceptable manufacturers per 255000-2.1.A.</p>
52	<p>Question: Phasing - How will the EFs in the penthouse be removed and sequenced with the AHU installation?</p> <p>Document Reference: N/A</p>

<u>RFI #</u>	<u>QUESTIONS & ANSWERS</u>
	Answer: Refer to G-200 series phasing concept drawings. Area B includes temporary exhaust while new exhaust fans installed, and new exhaust fans /ducting provide exhaust for Area A.
53 - 54	See response to RFI # 113.
55	<p>Question: The plumbing diagrams drawings P-801 thru P-806 have more piping runs and connections which are not shown on pipe layout drawings. Which drawings are correct to use? Should we follow the piping diagram drawings for our take-offs?</p> <p>Document Reference: P-801 thru P-806</p> <p>Answer: Contractor to determine based upon site (virtual) walk thru. Recommend utilizing both - diagrams for the required intent in regard to new piping and connections, and plans for routing / ROM dimensions.</p>
56	<p>Question: Is it the intention to replace all the Fire Dampers going into the classrooms from the mechanical core, or just the ones with a point of connection on that side? Please advise.</p> <p>Document Reference: N/A</p> <p>Answer: Assume the question is regarding the laboratories as there are no classrooms in this building. FSD's as shown to be provided per the documentation, except where shown as (E) FSD. Intent of new and existing-to-remain fire and/or fire/smoke dampers are shown on the MH series ducting plans.</p>
57	<p>Question: In the Structural Calculation page 222, they are referring to 3 different types of duct roof supports for the Exhaust duct. Please provide a detail for each type of duct roof support.</p> <p>Document Reference: Structural Calculations; S-501</p> <p>Answer: Rooftop duct supports are referenced on the roof plans and details can be found on sheet S-501.</p>
58	See response to RFI # 113.
59	<p>Question: Will it be possible to set all the new AHUs and Lab Exhaust Fans on the roof at the same time to minimize individual crane trips?</p> <p>Document Reference: N/A</p> <p>Answer: Yes - it would be ideal to set all rooftop equipment at the same time, however the new equipment cannot be located on top of the existing penthouse or adjacent roof locations. New mechanical equipment can only be located on top of the new slab as shown on the construction documents.</p>
60	<p>Question: Drawing P-101-A2 at column's F and 7 shows what appears to be a single process pipe but teeing off in 2 directions. Flow diagrams P-801 thru P-805 indicate multiple systems that tee off and either cap or run to a POC at each level. Please advise whether the "process pipe" (Note 8, P-101-A2) is indicative of all these systems or only some, and what the size and materials are for this/these process pipes?</p> <p>Document Reference: P-101-A2; P-801 thru P-805</p> <p>Answer: P-101-A2, Keynote 8 is indicative of all systems (piping is showing as stacked vertically) for future connections under "master planning."</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
61	<p>Question: Although M-100-A2 indicates what type of equipment is shown on MD-100 Key Note #4, please confirm what type of equipment these are and identify the services they require - CHW, HHW, or steam service for example.</p> <p>Document Reference: M-100-A2; MD-100</p> <p>Answer: Existing-to-remain basement equipment identified are air handling fan coil units, and in addition to the ducting, this equipment requires chilled water for cooling coils (plus coil condensate). Contractor responsible to field verify all systems and piping sizes to reconnect.</p>
62	<p>Question: Are the floors to remain operational during the Demolition period?</p> <p>Document Reference: N/A</p> <p>Answer: Yes. The building will remain open during the entire construction duration. Certain demolition activities may be scheduled during breaks in the academic calendar.</p>
63	<p>Question: Drawings show piping running along the corridor (HHWS/R, CHWS/R, and ECWS/R) but does not branch out or serve any equipment. Please clarify if we have to provide branch piping outside the corridor. If we provide branch piping, please provide which equipment do we pipe it to.</p> <p>Document Reference: N/A</p> <p>Answer: Mechanical run-out piping, off of the floor branch piping, shall be provided as required to supply terminal reheat, fan coil cooling, and lab equipment cooling, as/where applicable for the new installation.</p>
64	<p>Question: Without a detailed temporary condition laid out, per direction, the detailed plan will be developed post award and the pricing for this may vary significantly. In order to effectively and economically support continued operation, please confirm that the demolition scope will include multiple mobilizations per phase if required.</p> <p>Document Reference: N/A</p> <p>Answer: Refer to G-200 series phasing concept drawings; the demolition scope will be phased based on being able to keep those portions of the building that are not under construction fully operational.</p>
65	<p>Question: General Note B on Mechanical Demolition Drawings states in part, "The Mechanical Contractor, in conjunction and direct coordination with the University, shall investigate and perform necessary modifications to (existing) equipment to assure that the systems will perform the same before and after demolition scope has been executed". Please advise if Allowance 1 in the amount of \$180,000 covers this item.</p> <p>Document Reference: N/A</p> <p>Answer: Yes - that is the intent. A COR with back-up detailing the costs associated with approving the use of the Allowance will be required, including a proposal breaking out the labor, material, equipment, etc.</p>
66	<p>Question: What is the weight capacity of the various areas and levels of the roof? Can small equipment (i.e. skid steer, Brokk machine, Mini-Ex) work on the roof if it is made OSHA-safe?</p> <p>Document Reference: N/A</p> <p>Answer: Roof live load capacity is 20psf (pounds per square foot). Small excavator and skid steer will exceed 20psf. Contractor to submit engineering calculations for the existing roof prepared by a</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	licensed CA structural engineer in the event the 20psf live load is exceeded to support contractor means and methods of construction. See Sheet S-001 under Design Loads.
67	<p>Question: Can a trash chute be mounted/utilized during demolition? If so, where can it be mounted? Where can we store trash bins? Can the fire lane be used for trash bin pick-ups? Is it allowed to be shut-down temporarily?</p> <p>Document Reference: N/A</p> <p>Answer: A trash chute can be mounted within the core of the building; exact location to be coordinated. Trash bins will be able to be stored in the grass laydown lot at the southwest corner of the building; see site logistics plan.</p>
68	<p>Question: Will we be allowed to use Lot 11 for employee parking? If not, is any other lot going to be made available for employee parking?</p> <p>Document Reference: N/A</p> <p>Answer: Lot 11 is not available for employee parking. Subcontractors must make parking arrangements for their own employees or use the Contractor lot at Canyon Crest Dr. & Linden St. Visit https://transportation.ucr.edu/ for more information.</p>
69	<p>Question: Where can we have a laydown area for tools and equipment? Will the laydown yard be fenced-in? Who will provide the fencing? Will PCL or UCR provide security for subcontractor materials, tools, and equipment?</p> <p>Document Reference: Logistics & Laydown Plan</p> <p>Answer: There is a small courtyard at the north side of the building and a grass area at the west side of the building that are currently designated as laydown areas. PCL will provide fencing and gates for these areas. No security (beyond normal campus security) will be provided - each contractor will be responsible for securing their own materials tools, and equipment. See site logistics plan.</p>
70	<p>Question: Does UCR have a preferred access/egress for the project for subcontractors? Can the ADA ramp located at the south section of Building 'A' be shut-down?</p> <p>Document Reference: N/A</p> <p>Answer: There is no "preferred access" for subcontractors; necessity and circumstances will dictate access/egress at specific times during the construction period. No ADA ramps can be shut down while the building is open.</p>
71	<p>Question: Is the penthouse demo for Building 'B' broken-up into three phases, or would this be completed all at once?</p> <p>Document Reference: N/A</p> <p>Answer: The South Wing (B series drawings) penthouse demolition is to be completed as a single phase.</p>
72	<p>Question: Who will carry the scaffold cost since many trades will be using it?</p> <p>Document Reference: N/A</p> <p>Answer: Each trade's scaffolding and access needs will be different. All trades should carry the cost of scaffolding necessary to safely and efficiently perform the work in their bid package.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
73	<p>Question: On Page 8, Advertisement for Bids, the prevailing wage determination referenced is from February 2019. Please clarify. "The award of this project requires that all workers employed on the site be paid not less than the specific prevailing wage rates, as predetermined by the Department of Industrial Relations (reference DIR Project ID 288824 for the UCR Batchelor Hall Renewal project). The California prevailing wage determination index for this project is: 2019-1."</p> <p>Document Reference: Advertisement for Bids</p> <p>Answer: The CA prevailing wage determination for this project should be <u>2020-2</u>.</p>
74	<p>Question: Is the commissioning agent owner provided? Please advise.</p> <p>Document Reference: N/A</p> <p>Answer: The university will provide a commissioning agent who will be responsible for representing the University's interest. The GC/SUB is responsible for providing all support, meeting representation and coordination efforts necessary to complete the commissioning process.</p>
75	<p>Question: Is there a preferred/proprietary Fire Alarm vendor on this project or for the campus?</p> <p>Document Reference: N/A</p> <p>Answer: Please see specification 28 31 13 1.3 for Systems Description and requirements. The campus does not have a preferred installer.</p>
76	<p>Question: Per the Fire Alarm drawings General Note "E", it is stated that existing conduit and wire can be utilized if a new device is installed into an existing location. Please quantify the number of devices this note pertains to.</p> <p>Document Reference: Fire Alarm drawings</p> <p>Answer: Contractor to assume all new wiring.</p>
77	<p>Question: For the secondary feeder from the transformer, Drawing ES-101 Keynote #14 conflicts with Drawing E-602 Feeder Schedule as to size and quantity of conductors and conduit. Please clarify which conduit and conductor size and quantity is needed.</p> <p>Document Reference: ES-101; E-602</p> <p>Answer: Drawing E-602 should be used along with the feeder schedule on E-701.</p>
78	<p>Question: Drawing ES-101 refers to Ductbank detail #1/EP-501 and detail #2/EP-501. These ductbank details on Drawing EP-501 both show more conduits than what are being called for on Drawing ES-101. Please clarify if we should use only the number of conduits called for on Drawing ES-101, or if we should add in the additional conduits shown on each ductbank detail found on Drawing EP-501?</p> <p>Document Reference: ES-101; EP-501</p> <p>Answer: Add the additional conduits shown on drawing EP-501 as spare.</p>
79	<p>Question: Please confirm that BIM needs to cover any conduit 1" or larger. Will it also need to cover any grouping of smaller conduits?</p> <p>Document Reference: 08i - BIM Execution Plan</p> <p>Answer: Confirmed. Yes.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
80	<p>Question: The new switchgear needs to make it down to the basement. What are the dimensions of the elevator? What is the weight capacity of the elevator?</p> <p>Document Reference: N/A</p> <p>Answer: The weight capacity of the existing elevator is 2500 lbs. Its interior dimensions are 58-1/2"wide x 61"deep x 90"high. The door size is 42"wide x 84"high.</p>
81	<p>Question: Drawings E-604 & E-605 appear to show new switchgear and feeders. Please provide locations and panel schedules for this switchgear.</p> <p>Document Reference: E-504; E-605</p> <p>Answer: Please see response to RFI # 30.</p>
82	<p>Question: Drawing E-604 Keynote #1 calls for a 12kv feeder from the 4-way Switch to the new Service Entrance Unit Substation. The site drawing ES-101 does not show this conduit and feeder cable. Does this conduit and feeder need to be included with the scope found on Drawing ES-101?</p> <p>Document Reference: E-604; ES-101</p> <p>Answer: Please see response to RFI # 30.</p>
83	<p>Question: All Air Terminal Units per Schedule have Hot Water Reheat Coils. Floor plans do not show HHW Piping serving these Coils. Please advise.</p> <p>Document Reference: M-703</p> <p>Answer: Mechanical run-out piping, off of the floor branch piping, shall be provided as required to supply terminal reheat as/where applicable for the new installation. Refer to RFI # 63.</p>
84	<p>Question: Please clarify size(s) of fume hood ductwork.</p> <p>Document Reference: M-703</p> <p>Answer: Fume hood exhaust (FHE) duct sizes shall be per the "RUNOUT DIA" for the applicable unit within the AIR TERMINAL UNIT SCHEDULE.</p>
85	<p>Question: General Note 'H' on floor plans calls to provide fire wrap exhaust duct penetrated fire-rated partition, but nothing shown.</p> <p>Document Reference: Mechanical Floor Plans</p> <p>Answer: General Note H for fire wrap applies to each and every FHE ducting route through the 2-HR mechanical chase walls, where FSD's cannot be provided within a "hazardous" exhaust. Contractor has option in providing an alternate SFM / UL pre-approved method for retaining the penetration protection.</p>
86	<p>Question: There is no scope provided or called for in Alternate #2, but the drawings (EP-103 & E-603) call for an Alternate #2 pricing. Do you want this Alternate #2 included in Base Bid? Or excluded?</p> <p>Document Reference: EP-103; E-603</p> <p>Answer: Alternate # 2 is NOT USED. It should not be included in your pricing.</p>
87	<p>Question: Mechanical drawing sheets M-804 & M-601, Airflow Diagram, and laboratory exhaust control diagram, show bypass damper for exhaust fan system. However, sheet M-104-B – Roof Plan – does not show the bypass damper. Please clarify if the bypass damper is required.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<p>Document Reference: M-601; M-804; M-104-B</p> <p>Answer: Fume hood exhaust system air-bleed bypass damper assembly is required.</p>
88	<p>Question: Is there a preferred chemical treatment contractor for this project?</p> <p>Document Reference: N/A</p> <p>Answer: Any qualified chemical treatment company who holds a Qualified Applicators License and a Pesticide Business License as per the CADPR. Campus facilities services currently uses San Joaquin Chemicals, Inc.</p>
89	<p>Question: Is the mechanical demolition by the mechanical contractor?</p> <p>Document Reference: N/A</p> <p>Answer: No. All demolition, including mechanical items, is by the demolition contractor. If however, there are any items that are not identified in the demo drawings as to be removed but need to be demolished and/or removed in order to perform any of the work in your Bid Package, the demo/removal of those items should be included in your price.</p>
90	<p>Question: Please clarify if the following valves are required. Please also confirm if the listed CFMs and hood sizes (for selected valves) are correct.</p> <ul style="list-style-type: none"> - EV-1123.2 is shown on the mechanical schedule, but not shown on the floor plan; - EV-2151 is shown on the mechanical schedule, but not shown on the floor plan and mechanical diagram; - EV-2200A is shown on the mechanical schedule, but not shown on the floor plan and mechanical diagram; - EV-2211A is shown on the mechanical schedule, but not shown on the floor plan and mechanical diagram; - EV-2215.1: schedule calls for 8' fume hood, 10" valve, 885 CFM (14" valve is recommended for 8' FH); Mechanical diagram shows 1250 CFM; - EV-2215.2 is shown on the mechanical schedule, but not shown on the floor plan; - EV-22158.1; schedule calls for 8' fume hood, 12" valve (14" valve is recommended for 8' FH); - EV-22158.1; schedule calls for 8' fume hood, 12" valve (14" valve is recommended for 8' FH); - EV-22158.2; schedule calls for 8' fume hood, 12" valve (14" valve is recommended for 8' FH); - EV-3151 is shown on the mechanical schedule, but not shown on the floor plan and mechanical diagram; - EV-3160 is shown on the mechanical schedule, but not shown on the floor plan and mechanical diagram; - EV-3168.2 is not shown on the mechanical schedule, but shown on the floor plan and mechanical diagram; - EV-3205 is shown on the mechanical schedule, but not shown on the mechanical diagram; - EV-3209.2 is not shown on the mechanical schedule, but shown on the floor plan; - EV-3209 is shown on the mechanical schedule, but not shown on the mechanical diagram; and, - EV-4151 is shown on the mechanical schedule, but not shown on the floor plan and mechanical diagram.

<u>RFI #</u>	<u>QUESTIONS & ANSWERS</u>
	<p>Document Reference: M-101-A1, M-101-A2, M-102-A2, M-102-B, M103-A2, M-103-B, M-104-A2, M-603, M-604, M-605, M-606, M-705,</p> <p>Answer:</p> <ul style="list-style-type: none"> - EV-1123.2 is required for general lab room exhaust. - EV-2151 is required and shown on plan M-103-A2. - EV-2200A is required and shown on plan M-103-B. - EV-2211A is required and shown on plan M-103-B. - EV-2215.1 design should be a 12" valve in 14" runout ducting. - EV-2215.2 is required and shown on plan M-103-B. - EV-2215B.1 design for 12" valve as scheduled. - EV-2215B.2 design for 12" valve as scheduled. - EV-3151 is required and shown on plan M-103-A2. - EV-3160 scheduled shall be EV-3168.1. - EV-3168 scheduled shall be EV-3168.2. - EV-3205 is required and shown on plan M-103-B. - EV-3209.2 is required and shown on plan M-103-B. - EV-3209.1 and EV-3209.2 per plans shall require reschedule. - EV-4151 is required and shown on plan M-104-A2.
91	<p>Question: Please refer to drawing M-102-A2. Air terminal Unit VVR-2157 and Exhaust Air Valves EV-2163A, EV-2163.1, and EV-2163.2 are not on the Schedule. Please advise.</p> <p>Document Reference: M-102-A2</p> <p>Answer: VVR-2157 to be scheduled. EV-2163A to be scheduled. EV-2163.1 to be scheduled. EV-2163.2 to be scheduled.</p>
92	<p>Question: The fire recall and the electrical disconnect for the elevator will need to be brought-up to code. This work would be more efficiently done under other bid packages. Should this work be carried under the elevator modernization scope (BP # 20)? (See also RFI # 19.)</p> <p>Document Reference: N/A</p> <p>Answer: Elevator code compliance items related to fire alarm and fire protection systems will be addressed as part of the whole-building scopes for those bid packages. Any other work related to the elevator modernization, including electrical and other code compliance work, should be carried in Bid Package # 20.</p>
93	<p>Question: The door schedule does not indicate the fire ratings of the Alternate # 4 doors. Please provide. (Note: Rated doors/frames cannot be field-modified as this voids the label.)</p> <p>Document Reference: A-601</p> <p>Answer: The Alternate #4 doors are all exterior and are non-rated doors, therefore this is not a concern.</p>
94	<p>Question: Air Terminal Units CVR-3163A and VVR-3163.2 are shown on drawing M-103-A2 but not on Air Terminal Unit Schedule. Please advise.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<p>Document Reference: M-103-A2</p> <p>Answer: CVR-3163A is required, and to be scheduled. VVR-3163.2 as shown on plan is VVR-3163 on schedule M-703.</p>
95	<p>Question: Please confirm no patching or backing is required at 4" wall mounted light fixture, detail A1/A-552 shows no work for BP#14 drywall.</p> <p>Document Reference: A-552</p> <p>Answer: Additional backing is not required, anchorage per lighting fixture manufacturer for installation utilizing wall bracket.</p>
96	<p>See response to RFI # 113.</p>
97	<p>Question: Per specifications, gas piping is to be black iron pipe with socket-weld fittings for pipe 2"Ø and smaller. Industry standards allow for pipe 2"Ø and smaller to be T&C with black malleable fittings. Is this acceptable for pipe 2"Ø and smaller?</p> <p>Document Reference: N/A</p> <p>Answer: No - for bidding purposes, provide pipe joint connections in accordance with the specification as written.</p>
98	<p>See response to RFI # 113.</p>
99	<p>Question: Please clarify the scope for BP #14 at Note D53 on AD-101A & AD-102B & AD-103A "Remove existing growth room shelving and grow lighting system back to bare walls". Does this mean all new drywall at these rooms?</p> <p>Document Reference: AD-101A; AD-102B; AD-103A</p> <p>Answer: All existing shelving and lighting to be removed. All drywall remaining to remain in its existing state.</p>
100	<p>Question: Are we to include the demo of the exterior wall finish at detail B5/A-505 for new roof flashing and backing?</p> <p>Document Reference: A-505</p> <p>Answer: Brick is the existing exterior wall finish which is not to be removed in order to provide new flashing and backing.</p>
101	<p>Question: How high is the existing exterior finish to be removed at detail B5/A-505 for new roof flashing and backing?</p> <p>Document Reference: A-505</p> <p>Answer: Brick is the existing exterior wall finish which is not to be removed in order to provide new flashing and backing.</p>
102	<p>Question: Ref. sheets M-101-A1, M-101-A2, M-102-A1, M-102-A2, M-103-A1, M-103-A2, M-104-A1, &M-104-A2. No branches for hydronic piping are shown - please clarify. FCU-4 does not have any ductwork and air distribution shown - please clarify. No floor hydronic piping is shown in the area between columns E & A - please clarify. No piping to connect with FCU-8 and FCU-9 shown - please clarify.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<p>Document Reference: M-101-A1, M-101-A2, M-102-A1, M-102-A2, M-103-A1, M-103-A2, M-104-A1, & M-104-A2.</p> <p>Answer: Mechanical run-out piping, off of the floor branch piping, shall be provided as required to supply terminal reheat, fan coil cooling, and lab equipment cooling, as/where applicable for the new installation.</p> <p>FCU-4 - no distribution ducting applicable for bidding purposes, the fan coil shall include a cabinet with integral supply and return grilles.</p> <p>E & A piping - provide branch and run-out piping as described above.</p> <p>FCU-8 & 9 - provide run-out piping as described above.</p>
103	<p>Question: Ref. sheet M-101-B. CHW piping for FCU-5 is not shown - please clarify.</p> <p>Document Reference: M-101-B</p> <p>Answer: Mechanical run-out piping, off of the floor branch piping, shall be provided as required to supply fan coil cooling as/where applicable for the new installation.</p>
104	<p>Question: Ref. sheet M-105-A2. FCU-2 is shown in the electrical room. No piping and sized ductwork with air distribution is shown for this FCU-2, and FCU-2 was already shown in the basement (see M-100-A2). Please clarify.</p> <p>Document Reference: M-105-A2; M-100-A2</p> <p>Answer: Mechanical run-out piping, off of the floor branch piping, shall be provided as required to supply fan coil cooling as/where applicable for the new installation.</p> <p>Contractor shall provide allowance for some minor ducting and supply / return grille(s) as shown (unsized) on the plan.</p> <p>Elec Rm 5001 fan coil (FCU-2) shall be an additional unit (FCU-10) to the Schedule M-702, of similar size/capacity.</p>
105	<p>Question: Ref. sheet M-503. Detail B1 calls to provide transition plenum at existing fume hoods. Please provide approx. size of these plenums.</p> <p>Document Reference: M-503</p> <p>Answer: Sizes of plenums vary and are to be verified with existing conditions.</p>
106	<p>Question: Ref. sheet M-702. Fan Coil Schedule has requirements for FCU-6 and FCU-7. We cannot find these FCUs on the floor plans. Please clarify.</p> <p>Document Reference: M-702</p> <p>Answer: Fan coils FCU-6 & 7 were removed as part of the South Wing VE - these units can be deleted from the Schedule M-702.</p>
107	<p>Question: The Door & Frame Schedule for Alternate #4 is missing a lot of information. Are any of these exterior doors storefront doors? If so, modifications will need to be done by a glass/glazing contractor. Also, there is no way of knowing if the specified hardware will fit in the existing doors and frames; extensive modification may be required (it may be less expensive to replace the door). Please advise.</p> <p>Document Reference: A-601</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<p>Answer: Information provided within construction documents, in addition to Multivista photos is sufficient to evaluate requirements. Examination during design and consultation with hardware manufacturer identified that extensive modifications should not be necessary to install the required hardware.</p>
108	<p>Question: Bid Package #s 04, 05, 06, & 14 indicate that two CSLB license classifications are required to be able to bid. Please clarify.</p> <p>Document Reference: N/A</p> <p>Answer: The intent in listing two licenses for one Bid Package is for the first-tier subcontractor to subcontract the specialty work out to a second-tier firm with the appropriate license, unless that contractor also holds the appropriate license to carry out the work. For example – a Demolition contractor with a C-21 license would need to hire an Asbestos Abatement contractor with a C-22 license to do the asbestos abatement work. Both scopes are related and will be done at the same time, and it gives the Demo contractor control over all the aspects of the abatement work including scheduling, logistics, etc. This is the same case with the Electrical contractor with a C-10 license hiring a Low Voltage / Fire Alarm sub with a C-7 license, a Concrete contractor with a C-8 license hiring a Rebar sub with a C-50 license, and a Framing & Drywall sub with a C-9 license subcontracting the ACT work to a lower-tier sub with a C-2 license.</p>
109	<p>Question: There is no spec section for the Thermal Insulation. However, there is exterior wall Batt Insulation and exterior Rigid Insulation Board. Will a spec section be issued? If not, is there a basis of design that is required for the project?</p> <p>Document Reference: N/A</p> <p>Answer: Rigid insulation is 2" of mineral wool and batt insulation is glass fiber, full thickness of stud cavity. Please see attached new specification section 07 21 00.</p>
110	<p>Question: Air Terminal Box CVR-4159 shown on drawing M-104-A2 is not on the Schedule. Please advise.</p> <p>Document Reference: M-104-A2</p> <p>Answer: The only new Acoustical Ceiling is in Wet Lab 2163/2163A.</p>
111	<p>Question: Plumbing Bid Package Scope of Work Item 10 clearly states that the Plumbing Contractor is providing Condensate Drain Piping for mechanical equipment. Please confirm that the Plumbing Contractor is providing AW Drain piping shown on the drawing M-104-B.</p> <p>Document Reference: M-104-B</p> <p>Answer: No. Acid Waste (AW) piping is part of Bid Package # 01 (HVAC).</p>
112	<p>Question: Fan-Coil Units FCU-4, FCU-6 and FCU-7 are not shown on floor plans. There is a Fan-Coil serving Electrical Room 5001 shown on drawing M-105-A2, but it is not on the Schedule. No piping is shown for Fan –Coil Units FCU-5, FCU-8 and FCU-9. Please advise.</p> <p>Document Reference: M-105-A2</p> <p>Answer: Fan coil FCU-4 is shown on drawing M-101-A1 (mechanical shaft). Fan coils FCU-6 & 7 were removed as part of the South Wing VE - these units can be deleted from the Schedule M-702.</p>

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<p>Elec Rm 5001 fan coil (FCU-2) shall be an additional unit (FCU-10) to the Schedule M-702, of similar size/capacity. Mechanical run-out piping, off of the floor branch piping, shall be provided as required to supply fan coil cooling, as/where applicable for the new installation.</p>
113	<p>Question: RFI # 36 response in Addendum 5 states “Temporary systems required to maintain the usability of areas that are not under construction are part of the scope of this project”. Please provide the requirements for these Temporary Systems (type, capacity, etc.).</p> <p>Document Reference: G-201, G-202</p> <p>Answer: Temporary systems required to maintain the usability of areas that are not under construction, or areas specified to remain fully operational, are part of the scope of this project. When one portion of the building is shut-down for construction (see Phasing Plan on sheets G-201 & G-202), the power, lighting, HVAC, and plumbing systems to all other portions of the building that are not under construction, where users are to be relocated, or areas specified to remain fully operational, must be kept continually functioning at pre-construction levels, without any degradation to these services.</p> <p>Please note that <u>all</u> of the existing exhaust fans will need to be removed from their current locations during Phase 0 to facilitate the demolition of the Roof level Penthouse (‘doghouse’). The Roof level Penthouse houses the exhaust fans, DI water treatment system, and other building equipment. Prior to demolition/removal, the Contractors for Bid Packages 01, 02, & 04 will be required to submit a general service disruption plan which outlines how exhaust, DI water, and other systems operations will be maintained within specification during this time. Where services disruptions are anticipated, a specific Method of Procedure (MOP) must be submitted for University review and approval.</p> <p>The manner in which these essential services/utilities are kept functioning is left up to the responsible trade contractor as a ‘means and methods’ option. For example – the HVAC contractor could employ a temporary rental fan with a capacity large enough to service all of the exhaust needs of those portions of the building that remain open, or they could opt to relocate and use the existing exhaust fans that are slated to be replaced to temporarily service the building’s needs. When required capacities are not stated or in doubt for any reason, bidders should use the designed capacities of the new/replacement equipment/systems for their calculations.</p> <p>Please note the following:</p> <ul style="list-style-type: none"> • Keen Hall (North Wing) must remain fully operational except for scheduled and coordinated shutdowns (which have been reviewed and approved by the University) during the construction process. • The Metabolomics labs (2nd Level, Area ‘B’, South Wing between grid lines 9 – 15 and C – A’, including Rooms 2203, 2205, 2207, 2211A-C, 2215, 2215B-D, and 2164 per G-202) must remain fully operational except for scheduled shut downs (which have been reviewed and approved by the University). Contractors will be required to provide temporary services for shutdowns exceeding four (4) hours in duration.

<u>RFI #</u>	<u>QUESTIONS & ANSWERS</u>
	<ul style="list-style-type: none"> • Life safety egress lighting must be operational prior to the demolition of the generator on the south wing roof and must remain code-compliant through the entire construction period. • All coordinated shutdowns must have MOP submitted and approved a minimum of 30 days in advance of requested date. • At the beginning of construction, there will be a coordination phase which will determine what the exact phasing and shutdown plan will be. • Electrical subs are to assume they will need to work with the mechanical contractor to provide temporary power where needed. • Sizing of temporary systems shall be based on proposed system or existing system need whichever is greater. <p>HVAC (BP#01) bidders need to include in their pricing all costs to maintain current HVAC and exhaust levels for those portions of the building that are not under construction. In addition, please note:</p> <ul style="list-style-type: none"> • Keen Hall (North Wing) air handlers within the basement must remain fully operational; all scheduled shutdowns must be aligned. • Make-up air from the basement into the West Wing chase must remain in operation at all times until the new air handlers for each Phase are enabled, except for scheduled shutdowns during the construction process. • Make-up air for the South Wing must remain in operation at all times to support Metabolomics labs; all scheduled shutdowns must be aligned. • Active fume hoods must remain in operation and perform as specified at all times. <ul style="list-style-type: none"> ○ The HVAC contractor will be required to provide fume hood performance testing (face velocity profiling and smoke pattern testing as per ANSI/OSHA standards) following any modification to the fume hood, room HVAC, or related systems; this includes provisions for temporary mechanical units and/or ductwork. Performance testing shall be provided by the Contractor via a vendor approved by the University. Following completion of the work and as a part of the commissioning process, the Contractor must provide certification (ASHRAE 110) for all fume hoods. Costs for performance testing and certification must be included in the bidder's price. ○ Flexible ducting may be utilized for temporary conditions (6 - 9 months maximum) in order to facilitate roof work and new exhaust fans. ○ Flexible ducting shall be PTFE, Hypalon, or equal. <ul style="list-style-type: none"> ▪ Recommended are PTFE, Hypalon, or equal type material for excellent chemical resistance, specifically for chemical fume exhaust; ▪ Ensure that the negative pressure rating aligns with temporary fan performance, thus mitigating the chance of failure; ▪ Ductwork should have smooth interior, be continuously supported, and sloped back to the fume hood (do not want low points where corrosive condensation may pool). ○ Temporary ducting must not diminish the performance of fume hoods in any way. ○ At Contractors option Rigid or Flex Type 1 PVC temporary ducting may be utilized. ○ Temporary sections to tie in at the roof level in order to limit duct run lengths. ○ Pre and post fume hood testing will be required and will be coordinated by UCR EH&S.

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<ul style="list-style-type: none"> • Keen Hall (North Wing) utilities from the basement must remain fully operational; all scheduled shutdowns must be aligned. • Chilled water for cooling must remain in operation at all times, except for scheduled shutdowns during the construction process. • Heating water for heating must remain in operation at all times, except for scheduled shutdowns during the construction process. • Steam for any existing humidification purposes can be disabled for the duration of all phases. • Steam for any laboratory purposes must be coordinated with the UCR Users to determine the use, schedule, and extent of allowable shutdowns during the construction process. <p>Plumbing (BP#02) bidders need to include in their pricing all costs to maintain continuity of systems to ensure the functionality of those portions of the building that are not under construction, including the installation of temporary backflow prevention devices (and/or any other means required) where necessary to isolate portions of the system. All piping systems (i.e. chilled water, heating hot water, etc.) must remain functional throughout construction. In addition, please note:</p> <ul style="list-style-type: none"> • Keen Hall (North Wing) utilities from the basement must remain fully operational; all scheduled shutdowns must be aligned. • Potable cold water for domestic and laboratory industrial purposes must remain in operation at all times except for scheduled shutdowns during the construction process. • Potable hot water for domestic and laboratory industrial purposes must remain in operation at all times except for scheduled shutdowns during the construction process. • RO/DI water for any laboratory purposes must be coordinated with the UCR Users to determine the use, schedule, and extent of shutdowns during the construction process. • Laboratory compressed air for laboratory purposes must remain in operation at all times except for scheduled shutdowns during the construction process. • Laboratory vacuum for laboratory purposes must remain in operation at all times except for scheduled shutdowns during the construction process. • Natural gas for any laboratory purposes must be coordinated with the UCR Users to determine the use, schedule, and extent of shutdowns during the construction process. • Sanitary and laboratory waste/vent shutdowns must be segregated to minimize impacts to only those areas under construction. <p>Electrical (BP#04) bidders need to include in their pricing all costs not only to maintain power, lighting, and life safety systems within those portions of the building that are not under construction, but also to provide continuous power to all the temporary HVAC and exhaust systems for those areas. Again, how this is accomplished is left up to the bidder as a ‘means and methods’ option, including the possible use of generators for temporary power. Connecting and/or tapping into existing building systems or panels may be possible but cannot be guaranteed. In addition, please note:</p> <ul style="list-style-type: none"> • Utilize existing feeders for temporary power or provide a new temp feeder directly from the exiting to remain unit-substation in the basement.

<i>RFI #</i>	<i>QUESTIONS & ANSWERS</i>
	<ul style="list-style-type: none"> The Metabolomics lab must remain on stand-by power. If the existing generator is removed prior to connecting the new electrical service, the existing generator may be relocated from the roof of the south wing to a temporary University approved location. <p>Each subcontractor will be responsible for keeping the temporary systems under their scope functioning as designed for the duration of the construction period, including regular maintenance of the equipment and required fuel. Relocation and/or modification of the temporary systems from phase to phase and removal of all temporary systems at the completion of the project must also be included in the bidder's pricing.</p> <p>After a thorough investigation of the existing conditions, the successful proposers for Bid Package #s 1, 2, & 4 will be required to submit a Temporary Services Plan for the University's approval prior to the start of any construction activities for each phase. This plan must be coordinated between all three bid packages and include all expected shutdowns and switchovers. Any disruptions of services/utilities must be communicated to and approved by the University at least one month prior so that the appropriate notifications can be issued, and the necessary arrangements made. If equipment is being replaced at the same location, the new piping and/or conduit and wiring systems must be installed before the existing systems are removed so that the shut-down/switch-over time is minimized. Please note that there are ongoing experiments in this building that could be compromised by any disruption in services/utilities, and all possible measures must be taken to ensure that that does not happen.</p>
114	<p>Question: Please refer to drawing S-501 for Roof Duct Supports details. These supports are not specifically mentioned in Scopes-of-Work for Bid Package # 01 or Bid Package # 07. Are these supports by the HVAC or Structural Steel contractor?</p> <p>Document Reference: S-501</p> <p>Answer: The structural steel supports and anchorages / connections to the existing structure should be part of Bid Package # 07. Connections of the ductwork and any other mechanical items to the structural steel supports should be part of Bid Package # 01.</p>
115	<p>Question: Steam vents for the condensate return unit (CRU-1) and the PRV station are not shown. Please provide the location, routing, and size of the steam vents.</p> <p>Document Reference: M-100-A2, M-101-A2</p> <p>Answer: Intent is to connect to the existing (to remain) steam vent piping that routes from the basement. This vent piping supports the current steam condensate systems.</p>
116	<p>Question: Mechanical Detail #3 / M-505 shows 2-stage PRV Station with LPS and MPS steam service, while the first level area 2 (M-101-A2) shows 1-stage PRV Station with MPS only serving the heat exchanger (HX-1) located in the basement. Please clarify if the PRV station is 2-stage or 1-stage.</p> <p>Document Reference: M-505, M-101-A2</p> <p>Answer: 2-Stage steam PRV shall be provided as designed. The LPS is intended to support any current existing miscellaneous low pressure systems plus future allowance.</p>
117	<p>Question: Who is responsible for sawcut and patch-back for the ductbank per ES-101?</p> <p>Document Reference: ES-101</p>

UCR Batchelor Hall Renewal (UCR Project # 950464-950531)
University of California, Riverside

PCL Job No. 5221303
RE-BID 5/14/21

<u>RFI #</u>	<u>QUESTIONS & ANSWERS</u>
	Answer: All work associated with the ductbank should be part of BP#04, including locating of utilities, saw-cutting, excavation, concrete encasement, backfill, compaction, and patch-back.

- END OF RFIs & RESPONSES FROM ORIGINAL BID (3/23/21) -