

**Project Name:** UNIVERSITY OF CALIFORNIA, MERCED  
BSP AND HAC RELOCATION

**Project No.:** 908078

**ADDENDUM NO. 2**  
to the  
**CONTRACT DOCUMENTS**  
**June 25, 2020**

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

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

**II. CLARIFICATIONS**

The Bid Date for Rigging (Trade Package 0.03) only has been relocated to Tuesday, June 30 at 2:00pm.

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

1. Remove and replace 01 11 00.03 Summary of Work – Rigging
2. Remove and replace 01 15 00 Technical Specification – Attachment 02 – Laboratory Equipment Matrix Rigger

**V. DRAWINGS**

**VI. ATTACHMENTS**

2	01 11 00.03 Summary of Work - Rigging
3	01 15 00 Technical Specifications – Attachment 02 – Laboratory Equipment Matrix, Rigger in PDF
5	01 15 00 Technical Specifications Attachments 02 in xlsx format available for download <a href="https://ucmerced.box.com/s/oi2mt576rh1v6dzrfeasenl2x71xx4gn">https://ucmerced.box.com/s/oi2mt576rh1v6dzrfeasenl2x71xx4gn</a>

BSP AND HAC RELOCATION  
UNIVERSITY OF CALIFORNIA, MERCED  
MERCED, CALIFORNIA

Project No.: 908090

UNIVERSITY OF CALIFORNIA, MERCED

By: University of California, Merced

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**Fran Telechea**  
**Director of Construction**

**End of Addendum No. 2**

**SECTION 01 11 00.03**

**SCOPE OF WORK**

**TRADE PACKAGE .03 – RIGGING**

**1.0 SCOPE OF WORK - SPECIFICATIONS**

Furnish all labor, material, equipment, taxes, and supervision necessary to perform all requirements of Division 0, Division 1, the following specifications section and all work shown on the drawings and specified documents in complete accordance with the Contract Documents:

**SPECIFICATION SECTION**

**.01 01 15 00 Technical Specifications**

**2.0 SCOPE OF WORK – SPECIFIC**

- .1 Description – Bidder is required to provide Rigging Services for specialized machinery. An inventory was performed for Laboratory Equipment & Machinery, see Technical Specifications for all Laboratory items identified to relocate.
- .2 The Laboratory Equipment Inventory Matrix captures the following information:
  - a. Origin Building Name and Room Number
  - b. Destination Building Name and Room Number
  - c. Equipment Description
  - d. Manufacturer
  - e. Model Number
- .3 Technical Requirements – An inventory was performed for Laboratory Equipment, see Specification 01 15 00 – Technical Specifications and Equipment Placement Drawings illustrating locations of specific equipment items. Refer to the Rigging Matrix for the Laboratory Equipment requiring services, the Origin Building drawings showing lab locations and the Destination Lab drawings for all destination locations of existing equipment.
- .4 Bidder shall provide materials and equipment needed to prepare space/s for rigging equipment items. All campuses and buildings and spaces shall be walked to review, develop and propose path of travel for equipment requiring rigging.
  - a. All necessary materials required to safely and successfully prepare the machinery shall be provided on site through the duration of the move.
  - b. All necessary means & methods for conveyance of items (I.e.: moving dollies, skates, etc...)
  - c. All necessary means & methods to ensure safe conveyance and transport of items.

SCOPE OF WORK – RIGGING

01 11 00.03 – Page 1

ADDENDUM 02

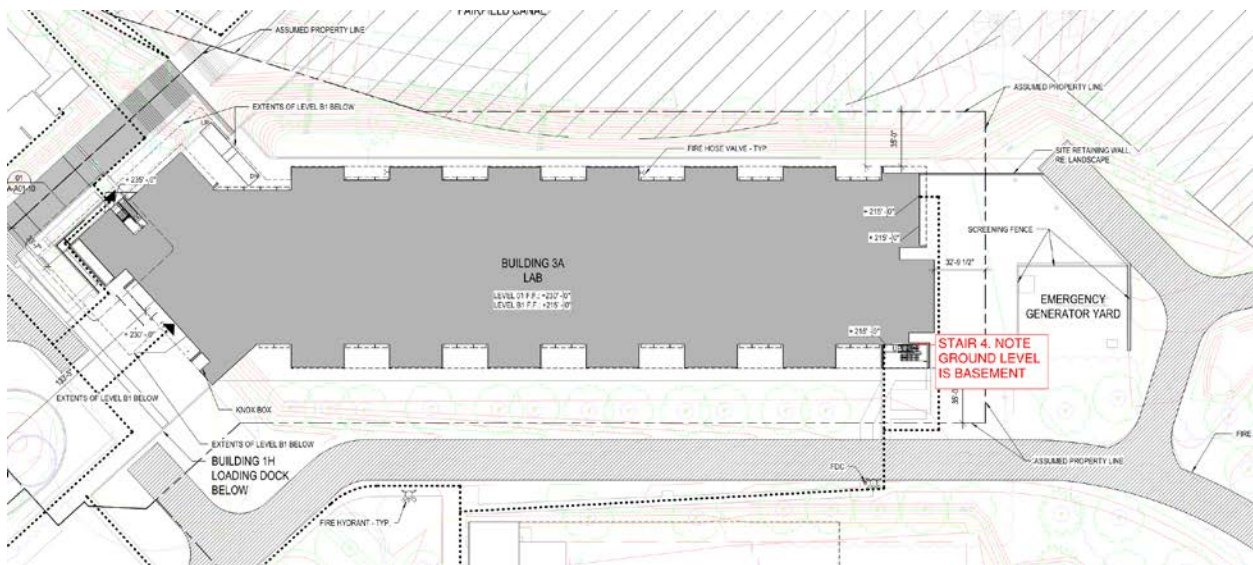
- d. Rigging service shall specify the truck quantities and sizes for University approval.
- .5 The Bidder is required to provide any additional building protection required. General building protection will be provided by the General Mover.
- .6 Bidder is responsible for properly labeling the equipment to ensure items are relocated to correct destination location. Bidder shall refer to 01 15 00 Technical Specifications for origin and destination locations.

- .7 Bidder shall provide equipment to accommodate Stair 4 access (see site plan diagram below) if the equipment shall not fit in the elevator. Bidder is responsible for verification of equipment and elevator constraints.

- a. BSP Service Elevator Dimensions



- i. Clear Inside Dimensions (5'6" x 7'7")
- ii. Cab Height – 8'7"
- iii. Entrance Width – 4'
- iv. Weight Capacity – 4000 lb



- .8 Rigging scope of work is for Biomedical Science and Physics building. No scope of work for Health and Athletic Center relocation.

### 3.0 SCOPE OF WORK – GENERAL

Bidder must include in their proposal, commitment and assurances of the following requirements if awarded a contract:

- .1 All staff assigned to a project shall wear a company uniform identifying employee's name.
- .2 All staff assigned to project shall be able to converse in and understand English sufficiently to effectively conduct business associated with the contract, have been employed by the bidder for a minimum of 6 months, and bonded by the bidder.  
  
Bidder will be required to submit in advance a list of all staff assigned to the project, including staff that may provide backup for illness or vacation.
- .3 Bidder is required to provide the following, in addition to move crew and performs the following responsibilities:
  - (1) Lead Project Supervisor: Shall manage move supervisors at origin and destination sites to assure crews follow move schedules.
- .4 No work shall be done outside of standard Monday through Friday 7:00 A.M. to 5:00 P.M working hours, on holidays or weekends unless prior written approval has been obtained by the University.
- .5 Bidder will be required to purchase parking permits for all personal vehicles from the University's Transportation and Parking Services department (TAPS). Parking permits can be purchased on a monthly basis. Please contact TAPS at 209-4548 or visit [taps.ucmerced.edu](http://taps.ucmerced.edu). A valid permit must be displayed while parked on campus. Any vehicles without proper permits will be cited and fined.
- .6 All crews including contractors and subcontractors will be required to adhere to COVID-19 requirements at all times. All workers shall:
  - Wear face coverings or masks at all times.
  - Bidder will be required to do health screenings at the start of each day. Any worker with a fever or persistent cough or is feeling unwell shall be sent home.
  - All workers will be required to hand sanitize multiple times throughout the day. Bidder will be required to provide their workers access to hand sanitizer.
  - Work gloves may be worn but will be required to be sanitized if worker is touching face with gloves. Work gloves shall not be worn in the restrooms.
  - Workers shall practice social distancing of 6 feet minimum while on break and lunch.
- .7 Bidders shall control the conduct of its employees and those of its subcontractors and suppliers so as to prevent interaction initiated by said employees with University of California, Merced students, staff or other individuals (except those associated with the Project) on or adjacent to the Project site. Without limitation, unwanted interaction by these employees include whistling at, motion toward or initiating conversations with passerby. In the event that any worker initiates such unwanted interaction or utilizes profanity, the Bidder shall, either upon request of the University or its own initiative, replace said employee with another of equivalent technical skill at no additional cost to the University.
- .8 Smoking, the use of tobacco products and the use of unregulated nicotine products (e.g. e-cigarettes) is prohibited on campus.

- .9 Bidder required to provide any ramps from/to moving vehicles to/from facilities and protective coverings during inclement weather.
- .10 The Bidder is required to survey all corresponding origin and destination locations including building access points prior to each move and coordinate with Relocation Management Team, Criterion, on schedule and timing. It is mandatory that this is done for each laboratory in advance, to assure the necessary equipment, materials and manpower is provided on move day
- .11 All truck staging areas are to be discussed in advance with the Relocation Management Team and approved by University. No fire lanes or hydrants shall be blocked.
- .12 Bidder shall be responsible to remove all dunnage created during the move process. In addition, Bidder shall remove all tools and equipment from the buildings unless requested by the University. Bidder is responsible for cleaning surrounding grounds where move vehicles and staging areas are located.
- .13 Bidder shall at no time leave any UC Merced property unattended in an area construed to be public or have access by student and other personnel. All University property shall be stored and locked at the end of every working day. Any reported loss of property shall be evaluated and if Bidder is found to be negligent, contractor shall be responsible to replace item at his cost.
- .14 Bidder shall guarantee adequate manpower, trucks and equipment is available to perform the services noted in these documents and bidders' walk-through. Bidder is also required to explain total number of full-time permanent personnel and number of subcontractors or temporary personnel and sources from which personnel are hired.
- .15 Bidder shall at no time leave diesel trucks operating for extensive periods of time at origin and destination. Bidder is responsible to be as quiet as possible during the move process so as not to interfere with campus functions. Playing of music is not acceptable by movers during the move process.
- .16 The type of trucks to be used to transport materials must have air ride suspension. Due to the tight quarters on campus and pedestrian traffic, contractor cannot use tractor trailers. Bob-tail trucks with a box length no greater than 24 feet are required.
- .17 Bidder shall be responsible for damage caused to, the property or assets of the University, its contractors or other Indemnified Parties that is caused by the Bidder and their subcontractors. Bidder is required to report any damage to any University property (owned or leased) to the University within 3 business days of the occurrence. Reporting to the University shall be done by e-mail to [moves@ucmerced.edu](mailto:moves@ucmerced.edu) within 24 hours of the occurrence and should include pictures of the damage, location and description of the damage. Once damage is reported, University will have JCI or Facilities Management assess the damage and provide an estimate for replacing or repairing the damaged area(s). From the date of issuance of estimate, Mover will be required to issue payment to the University within 60 days for the full estimate value. If the Bidder fails to do so, University may at their discretion, short pay the Bidder to cover the cost of the damage.

- .18 Bidder shall be responsible for any loss of, or damage caused to, any office or laboratory equipment, furniture or supplies that is caused by the Bidder and/or subcontractors during the relocation. Bidder will be responsible for the full replacement value that is equal to the damaged item(s). Bidder is required to report any damage to any University property (owned or leased) to the University within 1 business day of the occurrence. Reporting to the University shall be done by e-mail to [moves@ucmerced.edu](mailto:moves@ucmerced.edu) within 24 hours of the occurrence and should include pictures of the damage, location and description of the damage. Once the damage is report, the University will provide an estimated cost for the full replacement value or repairs to the damaged item to the Bidder. The Bidder will have 5 business days to accept or reject the estimate. If an estimate is accepted, Bidder shall issue payment to the University within 45 days of acceptance. If the estimate is rejected, the Bidder will be required to provide justification and revised estimate for University approval within 10 business days from the date of the rejection. If the Bidder fails to do so or becomes unresponsive, University may at their discretion, short pay the Bidder to cover the cost of the damage.

RIGGING

LAB GROUP	ROOM ASSIGNMENT	ITEM DESCRIPTION	ASSET TAG #	WIDTH (INCHES)	DEPTH [FRONT TO BACK] (INCHES)	HEIGHT [TOP TO BOTTOM INCLUDING FEET] (INCHES)
Anand Gadre	Aria III room	Aria III table #1	00462	68	36	34
Anand Gadre	Aria III room	Aria III table #2	00463	37	36	34
Anand Gadre	Cytometer room	LSRII table #1	00478	36	36	29
Anand Gadre	Cytometer room	LSRII table #2	00479	66	32	29
Anand Gadre	Cytometer room	Aria II table #1	00481	52	33	31
Anand Gadre	Cytometer room	Aria II table #2	00482	55	33	31
Anand Gadre	SCIF	Aria IIu SORP table #1	00487	37	36	34
Anand Gadre	SCIF	Aria IIu SORP table #2	00488	68	36	34
Arvind Gopinath	Castle Facilities	Laser Table	112	59 8/16	96	34 10/16
Arvind Gopinath	Castle Facilities	CASTLE CRATES				
Bin Liu	SE1 381	Newport Research Corporation optical table	1240	48	96	36
Bin Liu	SE1 381	Newport Integrity 3 VCS	1241	48	72	37
Changqing Li	100B	optical table	00402	47	35	33
Changqing Li	100B	lab table	00403	60	30	32.5
Changqing Li	100B	microCT cabinet	00409	39	27	36.5
Changqing Li	100B	microCT bench	00410	48	24	34.5
Changqing Li	136	FMT box with table	00419	48	24	56
Changqing Li	136	big optic table	00420	72	36	36
Changqing Li	136	FHLT	01990	33.9	47	70
Changqing Li	030	tdxlct lead cabinet	00436	39	27	37
Changqing Li	030	tdxlct table	00437	48	30	36
Changqing Li	1413	optical table 2	00440	48	30	
Changqing Li	100B	Lead Bricks	00416			
Changqing Li	1413	microPET scanner	2000	27	51	58
Chih-Wen Ni	SE1 Confocal Room (343D)	Airtable - CleanTop	00366	35 in	28 in	6 in
Chih-Wen Ni	SE1 Confocal Room (343D)	Airtable - Gimbal Piston	00364	34 in	28 in	25 in
Anand Gadre, David Gravano	SE1 153E	Aria III table #1	00462	68	36	34
Anand Gadre, David Gravano	SE1 153E	Aria III table #2	00463	37	36	34
Anand Gadre, David Gravano	SE1 379	LSRII table #1	00487	37	36	34
Anand Gadre, David Gravano	SE1 379	LSRII table #2	00488	68	36	34
Dustin Kleckner	SE1 371C	Optical bench	00534	59	36	31
Dustin Kleckner	TBD	Flow Chamber Experiment	TBD			
Jay Sharping	SE1 125	Optical table (with legs)	00900	49	97	37
Jay Sharping	SE1 125	Optical table (with legs)	00899	49	97	37
Jay Sharping	SE1 125	Optical Table	TBD			
Joel Spencer	SE1 006	Microscope Table	00821	48	108	60
Michael Scheibner	SE1 377A	TMC Optical Table	01533	96	48	40
Michael Scheibner	SE1 377A	TMC Optical Table	01534	96	48	40
Michael Scheibner	SE1 377A	ST Series Smart Table w/ ATS Shelving system	01535	96	48	68
MUVI	SE1 381	Newport Integrity 3 VCS	1241	48	72	37
Sayantani Ghosh	SE1 371	optical table with legs	00318	48	96	80
Sayantani Ghosh	SE1 371	optical table with legs	00339	48	96	80
Sayantani Ghosh	SE1 371	optical table with legs	00320	48	96	80
Sayantani Ghosh	SE1 371	optical table with legs	00330	48	96	80
Sayantani Ghosh	SE1 371	optical table with legs	00314	48	96	80



Shahar Sukenik	Castle Building 1201	Microscope Table (associated with 01948)	01946			
SOE CLASS LAB	Bioengineering Laboratory 150	Stoppering Tray Dryer	00559	32	11	27
Tao Ye	SE1 261	Marble Table	1865	35	24	31.5
Tao Ye	SE1 239	Marble Table	701	35	24	31.5
Tao Ye	SE1 239	Air Table	1860	59	35	32.5
Victor Muñoz	SE1 385	Optical table along with the optical tweezers (C-Trap)	00041	59	36	48
Linda Hirst	SE1 377	Stabilizing Table	TBD			
Ariel Escobar	SE1343	Optical Table	ESC-1	48	36	32
Ariel Escobar	SE1343	Optical Table	ESC-2	48	60	32
Ariel Escobar	SE1343	Optical Table	ESC-3	36	36	32
Ariel Escobar	SE1343	Optical Table	ESC-4	48	96	32
Ariel Escobar	SE1343	Optical Table	ESC-5	48	72	32
Ariel Escobar	SE1343	Optical Table	ESC-6	48	120	32