

Project Name: UNIVERSITY OF CALIFORNIA, MERCED
SRE LABORATORY & OFFICE RELOCATION

Project No.: 900290

ADDENDUM NO. 2
to the
CONTRACT DOCUMENTS
June 11, 2019

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

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

II. CLARIFICATIONS

- A. PRE-BID QUESTIONS – Questions received from bidders and responses are as follows:
1. Q. Once the University Screening Committee has reviewed the submissions and selected a firm, will the selected firm(s) be the ones to see the entire project through to completion?
A. The remaining scopes of work have not yet been determined so it is not known who will complete the entire project.
 2. Q. Will the chosen firm(s) have an area designated for them to park their personal/company vehicles used to transport additional manpower?
A. Section 01 35 00 Special Requirements identifies parking requirements. Contractor shall pay for parking on campus in the designated areas.
 3. Q. Will the chosen firm(s) be allowed to have storage space or place a 40' sea/land container on the property to keep material, equipment and other miscellaneous items used on the project?
A. A designated area can be provided, but not within the work limits. All security is the responsibility of the Contractor.
 4. Q. Please clarify in Scope of Work General Mover, under Alternate 1a; Bidder shall provide a credit for University to pack and label at office origin site.
A. Please refer to General Mover Scope of Work, section 2.0.5 for base bid requirements. For the alternate, the bidder is required to provide a cost credit in their bid, which would include the University packing and labeling office equipment and contents. In the Alternate, the bidder is still required to relocate, and place office equipment and boxes as specified in 2.0.5.b.
 5. Q. If additional packing material is requested, bidder is required to deliver within a 24-hour period. During certain times of the year most Moving Companies are extremely busy and at times have all personnel and equipment dispatched weeks in advance. If enough notice is provided would there any flexibility on the delivery of additional items?

- A. Packing materials would be needed if Alternate 1 was accepted. Due to time constants, a delay in delivering packing materials may cause a delay. Requests for additional time will be reviewed on a case-by-case basis.
6. Q. In regards, to calibration, disconnecting/reconnecting and testing of equipment where requested, if the manufacturer or certified technician(s) are not available because of schedule conflicts on the origin side and how long after relocation will be allowed to calibrate and test following relocation?
- A. Work must be completed by August 16, 2019.
7. Q. Will the elevators be protected with hanging pads, typically they are provided by the company who installed them?
- A. Yes.
8. Q. How much time will be allowed to apply building protection at both locations that meet University requirements? Can you provide what is required at all locations?
- A. Please refer to General Conditions for requirements. All work must be completed by August 16, 2019.
9. Q. How many computers will be required to move in Phase 1?
- A. Please refer to the Technical Specifications.
10. Q. On lines 196, 197 and 198, there are computers and are requiring calibration. What does that mean?
- A. No calibration is required for computers. Please see revised equipment matrix attached.
11. Q. One line 202 it is the CNC. Are the movers or the riggers moving that?
- A. Each scope of work has an inventory of the specific items to move located in the Technical Specifications. Attachment 00 – Laboratory Equipment Matrix refers to items for the General Mover. Attachment 01 – Laboratory Equipment Matrix refers to items for the Riggers.
12. Q. Regarding the scope of work for the Chemical movers, it is stated that "5.a Chemist to prepare, pack and arrange for transport to dispose all chemical materials identified as non-compliant (i.e. expired or not properly stored or does not meet local, state or federal guidelines for safe keeping)". It is not possible for us to forecast the volume or types of waste that will be determined to be non-compliant to include the T&D of this waste in our lump sum price. Can the waste be left behind for T&D by your routine hazardous waste contractor?
- A. Bidder shall identify and leave behind any non-compliant chemical materials. University will handle disposal.
13. Q. What is the weight of the wind tunnel?
- A. Per the cutsheet, there are 3 pieces of equipment. The uncrated weight varies from 573-3527 lbs.
14. Q. Will the Castle warehouse forklift be available for use? Does it have fork extenders??
- A. Due to insurance, bidders may not use the forklift. Only University Staff can operate. Forklift does not have extenders

III. **BIDDING/CONTRACT DOCUMENTS AND DIVISION 1 SPECIFICATIONS**

1. **Section 01 11 00.04 Summary of Work – Chemical Movers; DELETE: Section 2.5.a**

V. **DRAWINGS NONE**

VI. **ATTACHMENTS**

1. Attachment 00 – Laboratory Equipment Matrix, General Mover
2. Section 01 11 00.04 Summary of Work – Chemical Movers

UNIVERSITY OF CALIFORNIA, MERCED

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

**Fran Telechea
Executive Director of Construction**

End of Addendum No. 2

ADDENDUM NO. 2

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NO.	ROOM NAME OR AREA DESCRIPTION	ORIGIN BUILDING	ORIGIN ROOM NUMBER	DESTINATION BUILDING	DESTINATION ROOM NUMBER	ITEM DESCRIPTION	RESPONSIBILITY ASSIGNMENT	PRE-MOVE ACTION	POST-MOVE ACTION	DISCONNECT/RECONNECT SERVICE	MANUFACTURER NAME	MANUFACTURER MODEL NUMBER	ASSET TAG NUMBER
1	Sun Lab	SE2	230C	2A	007	Blue Toolbox	General Mover	n/a	n/a	n/a	Panion		04066
2	Sun Lab	SE2	230C	2A	007	Aluminum Plate	General Mover	n/a	n/a	n/a			04069
3	Sun Lab	SE2	230C	2A	007	Aluminum Plate	General Mover	n/a	n/a	n/a			04100
4	Sun Lab	SE2	230C	2A	007	Aluminum Plate	General Mover	n/a	n/a	n/a			04101
5	Sun Lab	SE2	230C	2A	007	Pneumatic Actuator	General Mover	n/a	n/a	n/a	Parker		04105
6	Sun Lab	SE2	230C	2A	007	Linear Motion Actuator	General Mover	n/a	n/a	n/a	IDC		04106
7	Sun Lab	SE2	230C	2A	007	Vertical Drill	General Mover	n/a	n/a	n/a	Craftsman		04110
8	Sun Lab	SE2	230C	2A	007	Motor With Standing Frame	General Mover	n/a	n/a	n/a	Baldor		04112
9	Sun Lab	SE2	230C	2A	007	Wooden Blue Box with wheels	General Mover	n/a	n/a	n/a			04121
10	Sun Lab	SE2	230C	2A	007	Wind tunnel blue box	General Mover	n/a	n/a	n/a			04112
11	Sun Lab	SE2	230C	2A	007	SRV motor with test equipment	General Mover	n/a	n/a	n/a	Quanser		04123
12	Sun Lab	SE2	230C	2A	007	Wooden acoustic box with wheels	General Mover	n/a	n/a	n/a			04126
13	Sun Lab	SE2	230C	2A	007	White acoustic Box with wheels	General Mover	n/a	n/a	n/a			04117
14	Sun Lab	SE2	230C	2A	007	Monitor	General Mover	n/a	n/a	n/a	Dell		04137
15	Sun Lab	SE2	230C	2A	007	File drawer	General Mover	n/a	n/a	n/a	Staples		04138
16	Sun Lab	SE2	230C	2A	007	File drawer	General Mover	n/a	n/a	n/a	Staples		04139
17	Sun Lab	Castle 1200	106A	2A	007	Wooden Workbench, 144"x48"x35.25"	General Mover	n/a	n/a	n/a			05235
18	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	n/a	n/a	Mettler Toledo		07078
19	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	n/a	n/a	Mettler Toledo		07079
20	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	n/a	n/a	Mettler Toledo		07083
21	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	n/a	n/a	Mettler Toledo		07084
22	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	n/a	n/a	Mettler Toledo		07085
23	Chem Class Lab	SE1	110	2A	150	pH Meter (35)	General Mover	n/a	n/a	n/a	Fisher	13-636-AE153	07087
24	Chem Class Lab	SE1	110	2A	150	Monitor, LCD, for computer (10)	General Mover	n/a	n/a	n/a			TBD
25	Chem Class Lab	SE1	110	2A	150	Multimeter, digital (12)	General Mover	n/a	n/a	n/a	Extech	NC0220849	TBD
26	Chem Class Lab	SE1	110	2A	150	Plate, stirring, hot, 7"x7" (20)	General Mover	n/a	n/a	n/a			TBD
27	Chem Class Lab	SE1	110	2A	151	Rack, rolling, metal wire	General Mover	n/a	n/a	n/a			06224
28	Chem Class Lab	SE1	110	2A	150	Supplies (including glassware)	General Mover	n/a	n/a	n/a			TBD
29	Chem Class Lab	SE1	110	2A	150	Oven, drying, 0.6 cu. ft.	General Mover	n/a	n/a	n/a	Boekel	13278-200	09225
30	Chem Class Lab	SE1	110	2A	150	Bag, zipper, plastic, 1 gallon (2)	General Mover	n/a	n/a	n/a			n/a
31	Chem Class Lab	SE1	110	2A	150	Bag, zipper, plastic, sandwich size	General Mover	n/a	n/a	n/a			n/a
32	Chem Class Lab	SE1	110	2A	150	Balance, 310 g capacity (5)	General Mover	n/a	n/a	n/a	Mettler Toledo	01-913-933	n/a
33	Chem Class Lab	SE1	110	2A	150	Bar, stir, cylindrical, 1"x3/8" (24)	General Mover	n/a	n/a	n/a	Fisher	14-513-94	n/a
34	Chem Class Lab	SE1	110	2A	150	Bar, stir, polygon, 1/2"x1/8" (11)	General Mover	n/a	n/a	n/a	Fisher	14-513-57	n/a
35	Chem Class Lab	SE1	110	2A	150	Bar, stir, polygon, 2" (8)	General Mover	n/a	n/a	n/a	Fisher	14-512-127	n/a
36	Chem Class Lab	SE1	110	2A	150	Base, black, 4 x 6 inch, for support stand (small) (4)	General Mover	n/a	n/a	n/a			n/a
37	Chem Class Lab	SE1	110	2A	150	Base, black, 6 x 10 inch, for support stand (large) (4)	General Mover	n/a	n/a	n/a			n/a
38	Chem Class Lab	SE1	110	2A	150	Base, plastic, yellow for 10 mL graduated cylinder (6)	General Mover	n/a	n/a	n/a			n/a
39	Chem Class Lab	SE1	110	2A	150	Base, plastic, yellow for 25 mL graduated cylinder (2)	General Mover	n/a	n/a	n/a			n/a
40	Chem Class Lab	SE1	110	2A	150	Battery, 9 V (20)	General Mover	n/a	n/a	n/a			n/a
41	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 100 mL (62)	General Mover	n/a	n/a	n/a	WWR	10754-948	n/a
42	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 1000 mL (25)	General Mover	n/a	n/a	n/a	WWR	10754-960	n/a
43	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 150 mL (62)	General Mover	n/a	n/a	n/a	WWR	10754-950	n/a
44	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 250 mL (32)	General Mover	n/a	n/a	n/a	WWR	10754-952	n/a
45	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 400 mL (32)	General Mover	n/a	n/a	n/a	WWR	10754-954	n/a
46	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 50 mL (62)	General Mover	n/a	n/a	n/a	WWR	10754-946	n/a
47	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 600 mL (32)	General Mover	n/a	n/a	n/a	WWR	02-540M	n/a
48	Chem Class Lab	SE1	110	2A	150	Beaker, plastic, 1 L (3)	General Mover	n/a	n/a	n/a	Corning	02-591-10G	n/a
49	Chem Class Lab	SE1	110	2A	150	Beaker, polypropylene (PP), 50 mL (639)	General Mover	n/a	n/a	n/a	Nalgene	FB0129110	n/a
50	Chem Class Lab	SE1	110	2A	150	Beaker, polypropylene (PP), 100 mL (95)	General Mover	n/a	n/a	n/a	Fisher		n/a
51	Chem Class Lab	SE1	110	2A	150	Beaker, polypropylene (PP), 600 mL (21)	General Mover	n/a	n/a	n/a			n/a
52	Chem Class Lab	SE1	110	2A	150	Bin, blue, small (8)	General Mover	n/a	n/a	n/a		08-757-624	n/a
53	Chem Class Lab	SE1	110	2A	150	Bin, blue, large (5)	General Mover	n/a	n/a	n/a	Akro		n/a
54	Chem Class Lab	SE1	110	2A	150	Bin, prep, CHEM 010 (9)	General Mover	n/a	n/a	n/a			n/a
55	Chem Class Lab	SE1	110	2A	150	Bin, "Digital Multimeter" (contains multimeters, banana cables, and alligator clips) (1)	General Mover	n/a	n/a	n/a			n/a
56	Chem Class Lab	SE1	110	2A	150	Blanket, fire (1)	General Mover	n/a	n/a	n/a	Bel-Art	S43321	n/a
57	Chem Class Lab	SE1	110	2A	150	Binder, black, "CHEM 010 MSDS" (1)	General Mover	n/a	n/a	n/a			n/a
58	Chem Class Lab	SE1	110	2A	150	Bottle, glass, 125 mL, graduated (6)	General Mover	n/a	n/a	n/a	Wheaton	16159-700	n/a
59	Chem Class Lab	SE1	110	2A	150	Bottle, HDPE, white, 4 L (2)	General Mover	n/a	n/a	n/a	Thermo Scientific	02-923J	n/a
60	Chem Class Lab	SE1	110	2A	150	Bottle, LDPE, dropper, 30 mL (10)	General Mover	n/a	n/a	n/a	Nalgene	03-006-2	n/a
61	Chem Class Lab	SE1	110	2A	150	Bottle, wash, for distilled water (24)	General Mover	n/a	n/a	n/a	Thermo Scientific	03-409-11E	n/a
62	Chem Class Lab	SE1	110	2A	150	Broom, dust, blue, w/ pan (1)	General Mover	n/a	n/a	n/a			n/a
63	Chem Class Lab	SE1	110	2A	150	Brush, balance, 1" (5)	General Mover	n/a	n/a	n/a	Fisher	03-665B	n/a
64	Chem Class Lab	SE1	110	2A	150	Brush, test tube, 1/2" dia. (6)	General Mover	n/a	n/a	n/a			n/a
65	Chem Class Lab	SE1	110	2A	150	Bulb, disposable, latex, 1 mL, for Pasteur pipets (82)	General Mover	n/a	n/a	n/a			n/a
66	Chem Class Lab	SE1	110	2A	150	Bulb, pipet, blue (28)	General Mover	n/a	n/a	n/a			n/a
67	Chem Class Lab	SE1	110	2A	150	Buret, glass, 50 mL, w/ Teflon stopcock (20)	General Mover	n/a	n/a	n/a	Bel-Art	22-235309	n/a
68	Chem Class Lab	SE1	110	2A	150	Cable, banana, black, 24" (6)	General Mover	n/a	n/a	n/a	Corning	03-700-15D	n/a
69	Chem Class Lab	SE1	110	2A	150	Cable, banana, red, 24" (10)	General Mover	n/a	n/a	n/a			n/a
70	Chem Class Lab	SE1	110	2A	150	Cable, banana, black & red (pair), 24" (10)	General Mover	n/a	n/a	n/a			n/a
71	Chem Class Lab	SE1	110	2A	150	Cable, power, for stirring hot plate (5)	General Mover	n/a	n/a	n/a	WWR	470016-700	n/a
72	Chem Class Lab	SE1	110	2A	150	Cable, security, black, w/ lock and accessories (16)	General Mover	n/a	n/a	n/a			n/a
73	Chem Class Lab	SE1	110	2A	150	Chisel (1)	General Mover	n/a	n/a	n/a	Flexguard		n/a
74	Chem Class Lab	SE1	110	2A	150	Clamp, 2-prong, large (6)	General Mover	n/a	n/a	n/a	WWR	21570-109	n/a
75	Chem Class Lab	SE1	110	2A	150	Clamp, 2-prong, medium (26)	General Mover	n/a	n/a	n/a	WWR	21570-007	n/a
76	Chem Class Lab	SE1	110	2A	150	Clamp, buret, double (25)	General Mover	n/a	n/a	n/a	Fisher	05-779G	n/a
77	Chem Class Lab	SE1	110	2A	150	Clamp, screw (2)	General Mover	n/a	n/a	n/a			n/a
78	Chem Class Lab	SE1	110	2A	150	Clamp, table, gas cylinder (1)	General Mover	n/a	n/a	n/a	Fisher	10-595Q	n/a
79	Chem Class Lab	SE1	110	2A	150	Clamp, thermometer (6)	General Mover	n/a	n/a	n/a	WWR	21573-060	n/a
80	Chem Class Lab	SE1	110	2A	150	Clip, alligator, for banana plug (40)	General Mover	n/a	n/a	n/a	Electric Switches	470122-128	n/a
81	Chem Class Lab	SE1	110	2A	150	Clip, alligator, for banana plug (may be attached to cables) (20)	General Mover	n/a	n/a	n/a			n/a
82	Chem Class Lab	SE1	110	2A	150	Computer, desktop (26)	General Mover	n/a	n/a	n/a	HP	4CR86UT#ABA	n/a
83	Chem Class Lab	SE1	110	2A	150	Cuvette, plastic, 1 cm (648)	General Mover	n/a	n/a	n/a			n/a
84	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 10 mL w/ plastic base (26)	General Mover	n/a	n/a	n/a	DWK Life Sciences	08-549-17A	n/a
85	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 10 mL, cylinder only (6)	General Mover	n/a	n/a	n/a			n/a
86	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 100 mL (32)	General Mover	n/a	n/a	n/a	WWR	10546-054	n/a



NO.	ROOM NAME OR AREA DESCRIPTION	ORIGIN BUILDING	ORIGIN ROOM NUMBER	DESTINATION BUILDING	DESTINATION ROOM NUMBER	ITEM DESCRIPTION	RESPONSIBILITY ASSIGNMENT	PRE-MOVE ACTION	POST-MOVE ACTION	DISCONNECT/RECONNECT SERVICE	MANUFACTURER NAME	MANUFACTURER MODEL NUMBER	ASSET TAG NUMBER
87	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 25 mL (26)	General Mover	n/a	n/a	n/a	VWR	10545-970	n/a
88	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 25 mL, cylinder only (6)	General Mover	n/a	n/a	n/a			n/a
89	Chem Class Lab	SE1	110	2A	150	Desiccator, round, plastic, 150 mm dia. (1)	General Mover	n/a	n/a	n/a	Nalgene	08-642-15	n/a
90	Chem Class Lab	SE1	110	2A	150	Dish, crystallizing, 100 mm dia. (6)	General Mover	n/a	n/a	n/a			n/a
91	Chem Class Lab	SE1	110	2A	150	Dispenser, tape (4)	General Mover	n/a	n/a	n/a			n/a
92	Chem Class Lab	SE1	110	2A	150	Earplugs (1)	General Mover	n/a	n/a	n/a			n/a
93	Chem Class Lab	SE1	110	2A	150	Electrode, copper (56)	General Mover	n/a	n/a	n/a	NEVS INK INC	470017-902	n/a
94	Chem Class Lab	SE1	110	2A	150	Electrode, tin (26)	General Mover	n/a	n/a	n/a	Aldon Corp	470148-780	n/a
95	Chem Class Lab	SE1	110	2A	150	Electrode, zinc (31)	General Mover	n/a	n/a	n/a	Eisco	S14047	n/a
96	Chem Class Lab	SE1	110	2A	150	Flask, Erlenmeyer, glass, 125 mL (52)	General Mover	n/a	n/a	n/a	Aldon Corp	470148-754	n/a
97	Chem Class Lab	SE1	110	2A	150	Flask, Erlenmeyer, glass, 250 mL (60)	General Mover	n/a	n/a	n/a	Fisher	FB500125	n/a
98	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, class A, glass, 1 L, w/ #22 joint (1)	General Mover	n/a	n/a	n/a	Fisher	FB500250	n/a
99	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, Class A, glass, 2 L, w/ # joint (1)	General Mover	n/a	n/a	n/a	Chemglass	CG-1600-09	n/a
100	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, glass, 100 mL (27)	General Mover	n/a	n/a	n/a	Chemglass	CG-1600-10	n/a
101	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, glass, 50 mL (28)	General Mover	n/a	n/a	n/a	Chemglass	CG160004	n/a
102	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, glass, 500 mL (6)	General Mover	n/a	n/a	n/a	Chemglass	CG-1600-06	n/a
103	Chem Class Lab	SE1	110	2A	150	Forceps, 5" (1)	General Mover	n/a	n/a	n/a			n/a
104	Chem Class Lab	SE1	110	2A	150	Forceps, fine tip, serrated, 10" length (1)	General Mover	n/a	n/a	n/a	VWR	82027-508	n/a
105	Chem Class Lab	SE1	110	2A	150	Funnel, plastic, large (17)	General Mover	n/a	n/a	n/a	Thermo Scientific	10-348-11A	n/a
106	Chem Class Lab	SE1	110	2A	150	Gauge, temperature, humidity, & barometric pressure (1)	General Mover	n/a	n/a	n/a	Fisher	14-650-118	n/a
107	Chem Class Lab	SE1	110	2A	150	Gloves, insulated (11)	General Mover	n/a	n/a	n/a			n/a
108	Chem Class Lab	SE1	110	2A	150	Gloves, nitrile, extra-large (12)	General Mover	n/a	n/a	n/a			n/a
109	Chem Class Lab	SE1	110	2A	150	Gloves, nitrile, large (9)	General Mover	n/a	n/a	n/a			n/a
110	Chem Class Lab	SE1	110	2A	150	Gloves, nitrile, medium (8)	General Mover	n/a	n/a	n/a			n/a
111	Chem Class Lab	SE1	110	2A	150	Gloves, nitrile, small (7)	General Mover	n/a	n/a	n/a			n/a
112	Chem Class Lab	SE1	110	2A	150	Guard, plastic, yellow, #2 (11)	General Mover	n/a	n/a	n/a			n/a
113	Chem Class Lab	SE1	110	2A	150	Guard, plastic, yellow, #4 (10)	General Mover	n/a	n/a	n/a			n/a
114	Chem Class Lab	SE1	110	2A	150	Hammer (1)	General Mover	n/a	n/a	n/a			n/a
115	Chem Class Lab	SE1	110	2A	150	Holder, clamp, 90 degree (28)	General Mover	n/a	n/a	n/a	Fisher	05-754Q	n/a
116	Chem Class Lab	SE1	110	2A	150	Holder, divided, acrylic (1)	General Mover	n/a	n/a	n/a			n/a
117	Chem Class Lab	SE1	110	2A	150	Holder, for cuvettes (10)	General Mover	n/a	n/a	n/a			n/a
118	Chem Class Lab	SE1	110	2A	150	Holder, paper towel (6)	General Mover	n/a	n/a	n/a	TrippNT	50-856-136	n/a
119	Chem Class Lab	SE1	110	2A	150	Kimwipes, 4.5"x3.75"	General Mover	n/a	n/a	n/a			n/a
120	Chem Class Lab	SE1	110	2A	150	Kit, security (21)	General Mover	n/a	n/a	n/a	Kensington	K84617	n/a
121	Chem Class Lab	SE1	110	2A	150	Maker, dry ice (1)	General Mover	n/a	n/a	n/a	Bel-Art	14-512-101	n/a
122	Chem Class Lab	SE1	110	2A	150	Monitor, LCD, for computer (26)	General Mover	n/a	n/a	n/a	HP		n/a
123	Chem Class Lab	SE1	110	2A	150	Paper, filter, qualitative, 413, 15.0 cm dia. (15)	General Mover	n/a	n/a	n/a			n/a
124	Chem Class Lab	SE1	110	2A	150	Paper, filter, Whatman 1, 46x57 cm (1)	General Mover	n/a	n/a	n/a			n/a
125	Chem Class Lab	SE1	110	2A	150	Paper, weighing, 4"x4" (4)	General Mover	n/a	n/a	n/a			n/a
126	Chem Class Lab	SE1	110	2A	150	Pipet, graduated, glass, 10 mL (49)	General Mover	n/a	n/a	n/a			n/a
127	Chem Class Lab	SE1	110	2A	150	Pipet, graduated, glass, 25 mL (40)	General Mover	n/a	n/a	n/a			n/a
128	Chem Class Lab	SE1	110	2A	150	Pipet, Pasteur, 5 3/4" length (4)	General Mover	n/a	n/a	n/a	Fisher	13-685N	n/a
129	Chem Class Lab	SE1	110	2A	150	Pipet, transfer, graduated, LDPE, 6" length (3)	General Mover	n/a	n/a	n/a			n/a
130	Chem Class Lab	SE1	110	2A	150	Pipet, transfer, LDPE, 9" length (2)	General Mover	n/a	n/a	n/a			n/a
131	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, 1 mL (24)	General Mover	n/a	n/a	n/a	Fisher	13-650-2B	n/a
132	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, 10 mL (24)	General Mover	n/a	n/a	n/a	Fisher	13-650-2L	n/a
133	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, 2 mL (24)	General Mover	n/a	n/a	n/a	Fisher	13-650-2C	n/a
134	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, 5 mL (24)	General Mover	n/a	n/a	n/a	Fisher	13-650-2F	n/a
135	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, class A, 25 mL (25)	General Mover	n/a	n/a	n/a	Fisher	13-651-1N	n/a
136	Chem Class Lab	SE1	110	2A	150	Plate, stirring, hot, 7"x7" (25)	General Mover	n/a	n/a	n/a	Thermo Scientific	SP88857100	n/a
137	Chem Class Lab	SE1	110	2A	150	Pliers, 6" (1)	General Mover	n/a	n/a	n/a	Excellta	17-467-386	n/a
138	Chem Class Lab	SE1	110	2A	150	Probe, pH, for pH meter (17)	General Mover	n/a	n/a	n/a	Cole-Parmer	15-500-016	n/a
139	Chem Class Lab	SE1	110	2A	150	Rack, pipet (4)	General Mover	n/a	n/a	n/a	Bel-Art	S478721	n/a
140	Chem Class Lab	SE1	110	2A	150	Rack, rolling, metal wire (1)	General Mover	n/a	n/a	n/a	Metro	19766-038	n/a
141	Chem Class Lab	SE1	110	2A	150	Rack, test tube, blue, 16 mm (16)	General Mover	n/a	n/a	n/a	Fisher	14-809-117	n/a
142	Chem Class Lab	SE1	110	2A	150	Rack, test tube, 20 mm (4)	General Mover	n/a	n/a	n/a			n/a
143	Chem Class Lab	SE1	110	2A	150	Rack, vial (25)	General Mover	n/a	n/a	n/a			n/a
144	Chem Class Lab	SE1	110	2A	150	Retriever, magnetic, for stir bar (5)	General Mover	n/a	n/a	n/a	Fisher	14-513-69	n/a
145	Chem Class Lab	SE1	110	2A	150	Rod, brass, 1" (13)	General Mover	n/a	n/a	n/a			n/a
146	Chem Class Lab	SE1	110	2A	150	Rod, stainless steel, 24" length (29)	General Mover	n/a	n/a	n/a	VWR	60079-535	n/a
147	Chem Class Lab	SE1	110	2A	150	Rod, stainless steel, threaded, 1/2" dia., 2 ft length, for support stand (large) (4)	General Mover	n/a	n/a	n/a			n/a
148	Chem Class Lab	SE1	110	2A	150	Rod, stainless steel, threaded, 18 inch length, for support stand (small) (4)	General Mover	n/a	n/a	n/a			n/a
149	Chem Class Lab	SE1	110	2A	150	Rod, stir, glass, 200 mm (20)	General Mover	n/a	n/a	n/a	Fisher	11-380C	n/a
150	Chem Class Lab	SE1	110	2A	150	Ruler, plastic, 6" (26)	General Mover	n/a	n/a	n/a	VWR	56510-001	n/a
151	Chem Class Lab	SE1	110	2A	150	Sandpaper, fine, #220 (25)	General Mover	n/a	n/a	n/a			n/a
152	Chem Class Lab	SE1	110	2A	150	Scissors (2)	General Mover	n/a	n/a	n/a	Office Depot	763366	n/a
153	Chem Class Lab	SE1	110	2A	150	Scopula (32)	General Mover	n/a	n/a	n/a	VWR	82027-498	n/a
154	Chem Class Lab	SE1	110	2A	150	Sseptum, rubber, red, 14/20 joint (82)	General Mover	n/a	n/a	n/a			n/a
155	Chem Class Lab	SE1	110	2A	150	Sheet, calibration, pH meter, laminated (10)	General Mover	n/a	n/a	n/a			n/a
156	Chem Class Lab	SE1	110	2A	150	Soap, hand, pump (6)	General Mover	n/a	n/a	n/a			n/a
157	Chem Class Lab	SE1	110	2A	150	Soap, hand, refill (1)	General Mover	n/a	n/a	n/a			n/a
158	Chem Class Lab	SE1	110	2A	150	Spatula (20)	General Mover	n/a	n/a	n/a			n/a
159	Chem Class Lab	SE1	110	2A	150	Spectrometer, visible, 350-850 nm (28)	General Mover	n/a	n/a	n/a	Vernier	GDX-SVISPL	n/a
160	Chem Class Lab	SE1	110	2A	150	Stand, IWC (26)	General Mover	n/a	n/a	n/a	Main Street	G1V61AA	n/a
161	Chem Class Lab	SE1	110	2A	150	Stand, support, w/ 1/2" dia. Rod (20)	General Mover	n/a	n/a	n/a	VWR	470005-862	n/a
162	Chem Class Lab	SE1	110	2A	150	Stapler, standard, black (2)	General Mover	n/a	n/a	n/a	Office Depot	908210	n/a
163	Chem Class Lab	SE1	110	2A	150	Staples, standard (3)	General Mover	n/a	n/a	n/a			n/a
164	Chem Class Lab	SE1	110	2A	150	Stick, applicator, wood (boiling) (4)	General Mover	n/a	n/a	n/a			n/a
165	Chem Class Lab	SE1	110	2A	150	Stirrer, brass, circular (19)	General Mover	n/a	n/a	n/a			n/a
166	Chem Class Lab	SE1	110	2A	150	Stopper, glass, #13 (27)	General Mover	n/a	n/a	n/a	Chemglass	CG301802	n/a
167	Chem Class Lab	SE1	110	2A	150	Stopper, glass, #9 (28)	General Mover	n/a	n/a	n/a	Chemglass	CG301801	n/a
168	Chem Class Lab	SE1	110	2A	150	Stopper, rubber, size 5 (31)	General Mover	n/a	n/a	n/a	Fisher	14-130G	n/a
169	Chem Class Lab	SE1	110	2A	150	Strip, pH 0-14 (2)	General Mover	n/a	n/a	n/a			n/a
170	Chem Class Lab	SE1	110	2A	150	Strip, power (24)	General Mover	n/a	n/a	n/a			n/a
171	Chem Class Lab	SE1	110	2A	150	Tape, label, pressure sensitive, assorted colors, 1" core (1)	General Mover	n/a	n/a	n/a	Office Depot	275462	n/a

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NO.	ROOM NAME OR AREA DESCRIPTION	ORIGIN BUILDING	ORIGIN ROOM NUMBER	DESTINATION BUILDING	DESTINATION ROOM NUMBER	ITEM DESCRIPTION	RESPONSIBILITY ASSIGNMENT	PRE-MOVE ACTION	POST-MOVE ACTION	DISCONNECT/RECONNECT SERVICE	MANUFACTURER NAME	MANUFACTURER MODEL NUMBER	ASSET TAG NUMBER
172	Chem Class Lab	SE1	110	2A	150	Thermometer, digital (22)	General Mover	n/a	n/a	n/a	Fisher	06-664-27	n/a
173	Chem Class Lab	SE1	110	2A	150	Timer, digital (12)	General Mover	n/a	n/a	n/a	Fisher	06-662-45	n/a
174	Chem Class Lab	SE1	110	2A	150	Tongs, beaker, rubber tips (1)	General Mover	n/a	n/a	n/a	Fisher	n/a	n/a
175	Chem Class Lab	SE1	110	2A	150	Tongs, flask (26)	General Mover	n/a	n/a	n/a	Fisher	S07387	n/a
176	Chem Class Lab	SE1	110	2A	150	Tongs, test tube (56)	General Mover	n/a	n/a	n/a	Fisher	S49062	n/a
177	Chem Class Lab	SE1	110	2A	150	Towel, paper (5)	General Mover	n/a	n/a	n/a	Fisher	n/a	n/a
178	Chem Class Lab	SE1	110	2A	150	Tray, HDPE, 14"x12"x5" (23)	General Mover	n/a	n/a	n/a	Thermo Scientific	13-359-25	n/a
179	Chem Class Lab	SE1	110	2A	150	Tray, ice, blue (3)	General Mover	n/a	n/a	n/a	Bel-Art	11-999-070	n/a
180	Chem Class Lab	SE1	110	2A	150	Tray, ice, small (4)	General Mover	n/a	n/a	n/a		n/a	n/a
181	Chem Class Lab	SE1	110	2A	150	Tray, square, "Sodium Bicarbonate and Labeled Scoopula" (5)	General Mover	n/a	n/a	n/a		n/a	n/a
182	Chem Class Lab	SE1	110	2A	150	Tube, schlenk, reaction test tube with side arm (6)	General Mover	n/a	n/a	n/a	Chemglass	AF0537A10	n/a
183	Chem Class Lab	SE1	110	2A	150	Tube, test, glass, 13 mm dia., 100 mm length (192)	General Mover	n/a	n/a	n/a	Corning	14-967C	n/a
184	Chem Class Lab	SE1	110	2A	150	Tube, test, 16 x 150mm (92)	General Mover	n/a	n/a	n/a		n/a	n/a
185	Chem Class Lab	SE1	110	2A	150	Tubing, vacuum, 5/16" id (4' piece) (8)	General Mover	n/a	n/a	n/a	Fisher	14-150-2K	n/a
186	Warehouse Storage	1985 Olive Avenue, Merced, CA	n/a	2A	153A	Biological Safety Cabinet	General Mover	Decontamination	Certify/Test	n/a	Thermo	4' Class II/A2 (non-ducted) - 1284	09428
187	Warehouse Storage	1985 Olive Avenue, Merced, CA	n/a	2A	153A	Incubator	General Mover	Decontamination	Certify/Test	Reconnect	Fisher Scientific	FFCO300RTABC	09427
188	Warehouse Storage	1985 Olive Avenue, Merced, CA	n/a	2A	153A	Water Purification System	General Mover	n/a	n/a	Reconnect	Barnstead	Nanopure Diamond	09429
189	Warehouse Storage	1985 Olive Avenue, Merced, CA	n/a	2A	153A	Biological Safety Cabinet Stand	General Mover	n/a	n/a	n/a	Thermo		09429
190	Baykara Lab	SE2	060	2A	116	Microscope Illuminator	General Mover	n/a	n/a	n/a	Bruker		03324
191	Baykara Lab	SE2	060	2A	116B	Monitor	General Mover	n/a	n/a	n/a	ViewSonic	VS10725	03322
192	Baykara Lab	SE2	060	2A	116B	Monitor	General Mover	n/a	n/a	n/a	ViewSonic	VS10725	03323
193	Baykara Lab	SE2	060	2A	116A	Monitor	General Mover	n/a	n/a	n/a	DELL	U2415b	03329
194	Baykara Lab	SE2	060	2A	116A	Monitor	General Mover	n/a	n/a	n/a	DELL	U2415	03330
195	Baykara Lab	SE2	060	2A	116A	UPS System	General Mover	n/a	n/a	n/a	AFC	SMT1500	03328
196	Baykara Lab	SE2	060	2A	116B	Computer	General Mover	n/a	n/a	n/a	Vesco	1.61712E+13	03321
197	Baykara Lab	SE2	060	2A	116B	Computer	General Mover	n/a	n/a	n/a	Vesco	1.61712E+13	03320
198	Baykara Lab	SE2	060	2A	116A	Computer	General Mover	n/a	n/a	n/a	DELL	D01T	03327
199	Baykara Lab	SE2	060	2A	116	Miscellaneous Box Contents	General Mover	n/a	n/a	n/a			n/a
200	Baykara Lab	SE2	060	2A	116A	Cabinet, File	General Mover	n/a	n/a	n/a			TBD
201	Baykara Lab	SE2	060	2A	116B	Cabinet, File	General Mover	n/a	n/a	n/a			TBD
202	Machine Shop	SE2	230M	2A	102	CNC	General Mover	n/a	Service	Reconnect	CNC Masters		TBD
203	Ehsani Lab	Caste 1200, Ste. 850	142	2A	134	Cabinet, File, Lateral	General Mover	n/a	n/a	n/a	n/a	n/a	06224
204	Ehsani Lab	Caste 1200, Ste. 850	144A	2A	134	Cabinet, Storage	General Mover	n/a	n/a	n/a	n/a	n/a	09223
205	Ehsani Lab	Caste 1200, Ste. 850	144A	2A	134	Pedestal (2 Drawer)	General Mover	n/a	n/a	n/a	n/a	n/a	09222
206	Chen Lab	Castle	22	2A	134	Cabinet, File Lateral	General Mover	n/a	n/a	n/a	n/a	n/a	09221
207	Chen Lab	Castle	22	2A	136	Cabinet, File Lateral	General Mover	n/a	n/a	n/a	n/a	n/a	09224

SECTION 01 11 00.04

SCOPE OF WORK

TRADE PACKAGE .04 – CHEMICAL MOVER

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:

<u>SPECIFICATION</u>	<u>SPECIFICATION</u>
<u>SECTION</u>	<u>SECTION</u>
.01 01 15 00	Technical Specifications

2.0 SCOPE OF WORK – SPECIFIC

- .1 Description – Bidder is required to provide Laboratory Chemical Moving Services for Laboratory spaces. An inventory was provided by University of California, Merced for chemicals kept in laboratories on site which will relocate.
- .2 The Laboratory Chemical Inventory Matrix captures the following information:
 - a. Chemical Name
 - b. CAS
 - c. Molecular Formula
 - d. Physical State
 - e. Hazard
 - f. Inventory Name
 - g. Building Location
 - h. Floor, Room and Sublocation
 - i. Size, Amount, Units
 - j. Container Type
 - k. Concentration
 - l. Solvent
 - m. Received Date, Open Date and Barcode

- .3 Chemical Inventory – Refer to the Laboratory Chemicals outlined in the Technical Specifications Chemical Inventory Matrix moving from origin site to destination site.
- .4 Packing Materials
 - a. All necessary means & methods for preparation and packing materials for all chemicals identified to relocate.
 - b. All necessary means & methods for conveyance of items from origin to destination and for disposal of non-compliant materials.
- .5 Bidder to assess and identify of non-compliant chemical inventory and related materials in each laboratory.
 - a. ~~Chemist to prepare, pack and arrange for transport to dispose all chemical materials identified as non-compliant (I.e.: expired, not properly stored or does not meet local, state or federal guidelines for safe keeping)~~
- .6 Bidder is expected to place chemicals in appropriate chemical storage cabinets. Areas will be identified during the move walk.
- .7 Bidder is responsible for ensuring chemicals and cylinders are properly closed and ready for transport.
- .8 Cylinders shall be properly restrained at destination location.
- .9 Bidder is responsible for disconnecting and reconnecting the cylinders
- .10 Move Requirements shall be typical of all laboratories programmed to be relocated to the new UC Merced 2A Laboratory Building.
 - a. The Bidders' Project Manager is required to survey all laboratory areas spaces prior to each move. 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 A map of Campus is included in Technical Specification for informational purposes. Bidder is required to familiarize themselves with each campus loading dock and loading zones, as well as restricted areas as posted.
- .12 University Representatives will conduct survey of building access point; elevator, loading docks and stairways, during bidders' mandatory walkthrough for the purpose of identifying path of travel.
 - a. Bidder shall provide their recommended route for chemical transport; to be approved by University Representatives.

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) Project Manager: Shall work with identified project team members to perform the following duties: coordination of manufacturer as identified by UC Merced, material deliveries, assure man power is sufficient, and crews are scheduled with bidders' dispatch. The Project Manager is required to oversee logistics of each move, packing, and post move activity.
 - (1) Lead Project Supervisor: Shall manage move supervisors at origin and destination sites to assure crews follow move schedules.
 - (1) Chemist: Shall be appropriately credentialed and highly trained personnel to provide onsite presence and oversight of chemical preparation, packing and relocation.
- .4 Bidder required to provide any ramps from/to moving vehicles to/from facilities and protective coverings during inclement weather.
- .5 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 client. Bidder is responsible for cleaning surrounding grounds where move vehicles and staging areas are located.
- .6 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.
- .7 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.
- .8 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.
- .9 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.
- .10 Bidder is responsible to protect all finishes from damage during the moves. The condition of the space will be recorded by Criterion and UC Merced through Punch List and photographs. Any damage to installed furniture systems, shelving systems, corridors, doors, walls, finish flooring,

millwork, elevators, and ceilings, light fixtures that requires repair, repainting or refinishing will be back charged to the Move Contractor.

- .11 Bidder's crews are required to arrive on-site by 8:00am and leave no later than 5:00pm, Monday through Friday.