

Chabot Las Positas Community College District

Invitation for Bid #11-04

New Science Building & General Alterations to Building 1800:

Increment Two

Las Positas Community College

Addendum #3

October 20, 2010

This Addendum modifies the original Bid Documents and previously issued addenda for the above Bid. Except as noted in this addendum, or prior addenda, all other provisions of the bid documents remain in effect.

Acknowledge receipt of this addendum in the space provided on the BID PROPOSAL FORM. Failure to do so may subject Bidder to disqualification.

Table of contents:

Specifications	Revised Bid Proposal Form
Drawings	M2.19 (EST), M2.20 (EST), M2.21 (EST), M2.22 (EST)
Sketches	SKA-001, SKE-001, SKTC-004
Bidder	6 Pages
Questions	



Architect's Stamp: The drawings, specifications and/or calculations in this addendum have been prepared by the architect and/or other design professionals who are licensed to prepare same in California. These documents have been reviewed by me and appear to be in conformance with applicable parts of Title 24, CCR and project specifications. They have been coordinated with the project plans and specifications and determined by me, the Architect in General Responsible Charge, to be acceptable for incorporation therein.

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DRAWINGS

- 1 SKA-001 Tactile Room Signage Revised to Clarify District Logo Requirement and Signage Materials. U.O.N. all interior signs are plastic and all exterior signs are aluminum.
- 2 M2.19 (EST), M2.20 (EST), M2.21 (EST), M2.222 (EST), E2.05, E2.06 We are replacing 7 fume hood exhaust fans with variable speed drives with a single duplex fume hood exhaust fan with variable frequency drive. We are also Replacing 316SS duct work from each fume hood or devices to exhaust fans 1-7 with manifolded 316SS duct work system with 8 air control valves located at each fume hood or devices. We are deleting the 2 hour fire wrap for the manifolded duct system. EF-8 remains an alternate and should not be included in the estimated price option.
- 3 M2.19 (EST) Issuing new sheet showing scope of Deductive Estimate bolded.
- 4 M2.20 (EST) Issuing new sheet showing scope of Deductive Estimate bolded.
- 5 M2.21 (EST) Issuing new sheet showing scope of Deductive Estimate bolded.
- 6 M2.22 (EST) Issuing new sheet showing scope of Deductive Estimate bolded.
- 7 ED2.02 Add sheet note 6: Existing floor receptacles in room 1822 to be removed. See telcom drawings for demolition scope of work.
- 8 ED301 Add general note 2: Refer fot AD601 for existing ceiling demolition and associated light fixture removal and reinstallation.
- 9 ED302 Add general note 2: Refer fot AD602 for existing ceiling demolition and associated light fixture removal and reinstallation.
- 10 E1.01 Add sheet note 16: Provide 120V for irrigation controllers. Locate controllers per landscape drawings. Irrigation controller A circuit LIF-44 and irrigation controller B circuit LIF-46.
Add 9"x13" handhole at southwest corner of project area adjacent to handhole for PIV. Provide 1"C, 2#10, 1#10(G) from Panel EL1-21 and connect to emergency phone pedestal. See security and telecom drawings for exact location.
Revise feeder from transformer to main switchboard from (3)4"C, 4#600kcmil, 1#3/0(G) each to feeder "8004"
- 11 E2.01 Revise sheet note 10: Provide new single section aluminum surface mounted raceway 4" above backsplash with number of receptacles as indicated. Wiremold AL2400 series or approved equivalent.
- 12 E2.02 Revise sheet note 6: Provide a new countertop mounted quad receptacle and a new surface wall mounted quad receptacle mounted under the teacher's desk. See architectural millwork details.
Add notes 9 and 10 for revisions in room 1822. See attached sketch SKE-001.

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- Add notes 9 and 10 for revisions in room 1822. See attached sketch SKE-001.
- 13 E2.05 and E2.06 AHU-2: Provide circuit L2E-11 at damper assembly panel.
Delete existing EF-2 to EF-7 and related feeders. Retain circuit breakers as "spare". Replace existing EF-1 (2hp) and related feeder to Panel EH2. Replace with new EF-1A (10hp) feeder "303" and 3P25A at circuits EH2-(13,15,17). Provide new EF-1B (10hp) feeder "303" and 3P25A at circuits EH2-(25,27,29). Provide associated disconnect switches at each exhaust fan and related VFD installation at each fan. Note: only one 10hp fan in operation at any one time.
- 14 E5.01 Delete Panel L1E in new building distribution panel DP1. Keep 3P150A circuit breaker for spare. Add two spaces for future 225A frame breakers. Add "service entrance rated" to 400A ATS.
Revise 3phase, 4wire feeder schedule for 8004 from (2)4"C, 4#500kcmil, 1#1/0(G) to (3)4"C, 4#350kcmil, 1#1/0(G)

SPECIFICATIONS

- 1 Bid Documents Division 0 **Bid Proposal Form:**
Re-issued to include Deductive Estimate
- 2 Table of Contents Delete Spec Section 26 3100 from the Table of Contents for Volume 3 of the Project Manual.
- 3 01 7839 Replace Paragraph 1.3- C with the following
- C. Distribution of Marked Up Drawings—Submit the original red-line Project Record Drawings and two Black line prints to the Construction Manager for use by the Architect and the District.
- Delete Paragraph 1.5- A
- Replace Paragraph 1.5- B with the following
- B—After Substantial Completion and before Final Completion finalize the information on the Project Record Drawings and coordinate the information as required.
- 4 01 8113 Part 1.2 sub-paragraph D
- 1 – Sustainable Sites
 - c – Credit 2 – This credit is NOT required.
 - d – Credit 4.1 – This credit is NOT required.
 - e - Credit 4.2 – This credit is NOT required.
 - Credit 5.1 – This credit IS required.
 - Credit 6.2 – This credit IS required.
 - Credit 8 – This credit IS required.
 - 2 – Water Efficiency

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Credit 1.2 – This credit IS required.

c - Credit 3.2 – This credit is NOT required.

3 – Energy and Atmosphere

Credit 1 – All 10 points are required for this credit

Credit 2.1 – This credit IS required.

5 – Indoor Environmental Quality

c – Credit 1 – This credit is NOT required.

Credit 2 – This credit IS required.

Credit 4.3 – This credit IS required.

Credit 4.4 – This credit IS required.

h – Credit 5 – This credit is NOT required.

k – Credit 8.1 – This credit is NOT required.

Part 1.5 – G

8 – Delete entire section including subsections “a” and “b”

10 – Delete entire section including subsections “a” and “b”

Add section 14.1

“Credit EQ 4.3: Provide a listing of each carpet product installed in the building interior. Show that each product complies with CRI Green Label Plus. Provide a listing of each carpet cushion product installed in the building interior. Show that each product complies with CRI Green Label. Submit all parts of the documentation required for this credit”

Add section 14.2

“Credit EQ 4.4: Provide a listing of each composite wood or agrifiber product installed in the building interior. Show that each product does not contain any added urea-formaldehyde. Submit all parts of the documentation required for this credit”

17 – Delete entire section

Part 1.5 – H

Add section 9

“Credit EQ 4.3: Low Emitting Materials – Carpet Systems

a. Complete the templates as described in the LEED reference guide.

b. Provide a narrative describing the Project’s approach to the credit. Provide any additional comments or notes to describe any special circumstances or considerations regarding the project’s credit approach.”

Add section 10

“Credit EQ 4.4: Low Emitting Materials – Composite wood or Agrifiber Products

a. Complete the templates as described in the LEED reference guide.

b. Provide a narrative describing the Project’s approach to the credit. Provide any additional comments or notes to

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describe any special circumstances or considerations
regarding the project's credit approach."

Part 2 – 2.2 – Delete entire section

Section 01 8113 – LEED Checklist

Change Credit MR 5.1 to Yes Column

Change Credit MR 5.2 to Yes Column

5 11 5301

Section 11 5301

Part 2.2C, revise Steamed Beech to 'European Steamed Beech'.

6 22 4000

Section 22 4000:

Part 2.2, add F. Water Cooler – Electric water cooler, surface
mounted, Hi-low installation to meet ADA requirement bottle filling
station. Elkay Model LZSTL8WSLK.

Part 2.2 add G. Stain less steel sinks, selfrimming, 3 punch hole,
refer to plumbing schedule.

BIDDER QUESTIONS

- 1 Bid Question 3 **Question:** (00-General Conditions, 01-General Requirements)
Specification Sections 00 and 01 cover the same issues in different ways.
1. Is warranty for 1 year or 2 years?
2. Do record drawings need to be in AutoCAD?
3. Does the schedule have to be cost and resource loaded?
Also 4. Will increment 1 drawings be available per C1.01?
Answer:
1. Provide a 1 year warranty unless otherwise noted in the Contract Documents.
2. No, see revisions to spec section 01 7839.
3. Yes, Cost Loaded Schedule is Required
4. Yes, plans are available at Las Positas College Plan Room located at 3000 Campus Hill Dr, Livermore CA. Contact Tony Valdez 209-564-1332 to schedule viewing of plans.
Respondent: Tony Valdez, PB, Jeff Stahl, KH
- 2 Bid Question 8 **Question:** (Sheet Reference A10.01)
On Sheet A10.01 the following hardware is called out:
1. Door 119.2 Hardware Group #15
2. Door 225.1 Hardware Group #21
3. Door 225.2 Hardware Group #22
These hardware groups are not listed in the contract documents. Please include specifications for these hardware groups.
Answer:
Hardware group for door 119.2 and 119.1 shall be similar to Hardware Group 09.
Hardware groups 21 and 22 are to be bolt type locks with padlock closure.
Respondent: Dan Moberly, KH
- 3 Bid Question 12 **Question:**
Where can I access copies of the LPC (Reference Item #7 in "Notice calling for bids") and the "Las Positas College Design Guidelines (May 24, 2006)" referenced on sheet T0.01 general note #1?
Answer:
Las Positas College Design Guidelines are available on the Chabot Las Positas website. The following is a link:
<http://www.clpccd.org/facilities/DistrictStandardsandGuidelines-LasPositasCollege.php>
Documents referenced in the 'Notice calling for bids' are available for review at the district office. Contact Victoria Lamica at 925.485.5287 or VLamica@clpccd.org.
Respondent: Tony Valdez, PB
- 4 Bid Question 26 **Question:**
One the single line diagram (E5.01) it shows feeder tag 703 for the elevator/controller, On sheet E4.01 detail 1 the feeders tag is shown as 1503. Please clarify.
Answer
Provide "703" feeder on E4.01 to match single line diagram.
Respondent: Larry Tonogan, GandB

- 5 Bid Question 27 **Question:**
Specification section 22 1100-2.2D lists material for lab waste and vent buried and aboveground to be Duririon. Specification section 22 5000-2.1F lists material for lab waste and vent to be schedule 40 flame-retardant acid resistant polypropylene. Which is correct?
Answer
Use Polypropylene Sch 40 as indicated on drawings and spec section 22 5000 2.1F for lab waste. Also see "Material Specifications" noted on P0.01.
Respondent: Mehran Jafari, GandB
- 6 Bid Question 28 **Question:**
We are a subcontractor that is interested in the solar portion of this bid. Has this been completed in Phase 1?
Answer
This project has no Solar as part of the scope of work.
Respondent: Dan Moberly, KH
- 7 Bid Question 29 **Question:**
Important Missing Document Spec Section 26 3100-Solar Electric Power Generation Systems is noted on the table of contents, but is not included in the spec book we received from the district. Please advise.
Answer
This project has no Solar Electric as part of the scope of work. This spec section should not have been included in the table of contents.
Respondent: Dan Moberly, KH
- 8 Bid Question 30 **Question:**
1 – Drawing P2.04A note 22 in Prep Space 00-106 refers to a floor sink to receive drainage from an ice machine. This floor sink is located under a prep bench. Is this correct?
2 – Three (3) floor sinks are shown in Prep Space 00-106 without any lab waste and vent piping. Please advise.
3 – Note 21 on Drawing P2.04A in Prep Space 00-106 calls for a floor sink to receive drainage from the autoclave and note 14 calls for a 2" LW from the autoclave. Are both required?
Answer
1 – On P2.04A there are two note 22 call-outs. Change note 22 call-out at peninsula bench on gridline E to read '23'.
2 – On P2.04A, floor sink on gridline D: connections are shown. For 2 floor sinks at gridline F, connect to adjacent vent and lab waste lines.
3 – Delete note 14
Respondent: Mehran Jafari, GandB
- 9 Bid Question 31 **Question:**
1 –
a) Roof Receptor RC-1 is collecting waste from fume hood exhaust ducts and the RC-1 drainage is connecting to the sanitary sewer "W" system per drawing P2.04. Is that correct?
b) The RC-1 near AHU-1 is shown per note 10 drawing P2.04 to connect to "W" piping. If this connection is to the sanitary sewer piping, there is no sanitary sewer drainage piping at that end of the building. Please advise.

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- 2 – What is the specification for the laboratory waste sampling box?
3 – What lab sink configuration does detail 2 drawing P4.03 follow? Note 13 on drawing P2.04A notes that the vent is to run inside cabinet and under counter.

Answer:

- 1 –
 a) No, see response below.
 b) Connect Roof Receptors to lab waste lines
2 – Provide an 18" concrete sampling box.
3 – Detail 2/P4.03 is diagrammatic for all island sink configurations. Revise 3" waste vent to be 2" diameter inside casework.

Respondent: Mehran Jafari, GandB

10 Bid Question 32

Question:

- 1 – No description on A10.12 for Sign #7.
2 – Cannot read numbers for sign located on A2.15
3 – Can not read numbers for sign located on A2.17 (Grid N/5)
4 – Can not read numbers for sign located on A2.17 (Grid D/6)
5 – Can not read numbers for sign located on A2.17 (Grid B/5)

Answer:

- 1 – There is no sign #7. This number is not used.
2 – Several signs are located on A2.15. Question does not specifically reference any particular sign.
3 – This sign is 03B
4 – These signs are 03A
5 – There is no sign on B/5 on drawing A2.17

Respondent: Dan Moberly, KH

11 Bid Question 33

Question:

Are there any shades in Existing Science Building?

Answer:

There are shades in the existing building. None are shown to be replaced.

Respondent: Dan Moberly, KH

12 Bid Question 34

Question:

Are the shades shown in Alt #4 to be part of the alt bid or base bid?

Answer:

The shades shown in Alt #4 should be part of the alternate bid.

Respondent: Dan Moberly, KH

13 Bid Question 35

Question:

Detail 13 appears to be showing a surface mounted pocket/closure. Is this correct or should it be a fascia with end caps?

Answer:

The shade in this detail is surface mounted without pockets to the wall. It should have a fascia with end caps.

Respondent: Dan Moberly, KH

14 Bid Question 36

Question:

Are there motorized shades or are they all manual? If so, where?

Answer:

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There are no motorized shades in the project, all are manual.
Respondent: Dan Moberly, KH

15 Bid Question 37

Question:

- 1 – On Drawing P3.01, a DIR line is shown connected to the Millipore Unit and is not continued. Does this DIR line tee into the DIS line within the pump room? Detail 2 drawing P4.03 shows a DIR line from the lab sinks.
- 2 – Should there be at least a capped water main provided for the waterless urinals for any possible future changes to a water flush type urinal?
- 3 – Where is mixing valve MV-2 located?
- 4 – Detail 7 drawing P4.01 shows a fire sprinkler drain. Where is this located?

Answer:

1 – DIR connects from Millipore unit to distributed DIR lines throughout ground floor labs as shown diagrammatically on P2.04, P2.04A and 2/P4.03: it does not tee into the DIS. At Detail 2/P4.03 Revise ¾" DIR to 1" DIR

2 – No

3 – Delete MV-2

4 – Locate in mechanical room along grid 8 adjacent to Sprinkler Floor Zone Assembly.

Respondent: Mehran Jafari, GandB

16 Bid Question 38

Question:

On Sheet L4.01 there is a plant specified as 24", with the number 29, however this plant does not correspond to anything in the planting legend. Please clarify this type of plant in an addendum.

Answer:

This question was answered via question 9 in addendum 2.

Respondent: Jeff Stahl, KH

17 Bid Question 39A

Question:

Verify there is no other "OFE" Owner Furnished Equipment other than the Assisted listening receiver units. (See #4)

Answer:

No, there is no Owner furnished equipment

Respondent: Larry Tonogan, GandB

18 Bid Question 39B

Question:

Can't locate division 27 41 13: Architecturally Integrated Audio Video Equipment on Reed

Answer:

Section referenced in error. Delete the section reference.

Respondent: Larry Tonogan, GandB

19 Bid Question 39C

Question:

Verify quantity of wireless mic systems. Written specs say (1) per classroom or Lab. No wireless mic shown on plan TV7.01 A-V wiring diagram. Wireless mics listed on floor plan TV2.04 "SHEET NOTES" only. No other floor plan notes list wireless mics system on sheet notes

Answer:

Each classroom is to receive a complete AV system including wireless and assisted listening systems. See sheet note 6 on TV2.04.

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Respondent: Larry Tonogan, GandB

- 20 Bid Question 39D **Question:**
Verify quantity of assisted listening transmitters and receivers. Written specs say (1) Per classroom or lab with owner provided receiver units. Floor Plan TV2.04 "SHEET NOTES" say to provide receiver units. No other floor plans list assisted listening Systems on sheet notes.
Answer:
Each classroom is to receive a complete AV system including wireless and assisted listening systems. See sheet note 6 on TV2.04.
Respondent: Larry Tonogan, GandB
- 21 Bid Question 39E **Question:**
Written spec for "Input interface plate" does not match drawing on plan TV7.01
Answer:
Input interface plate detail was added in addendum #2
Respondent: Larry Tonogan, GandB
- 22 Bid Question 39F **Question:**
Written spec describes power strips mounted in rear of rack. Equipment named in Same written spec is a rack mount power panel. Rack riser drawing on plan TV7.01 Shows and lists a rack mount power panel AND a power sequencer. No sequencer Is written in the spec. "OFE"?
Answer:
Power strip is rack mounted. No power sequencer is required.
Respondent: Larry Tonogan, GandB
- 23 Bid Question 39G **Question:**
HDMI Distribution amplifier not shown plan TV7.01 A-V Diagram
Answer:
HDMI distribution amplifier is not required.
Respondent: Larry Tonogan, GandB
- 24 Bid Question 39H **Question:**
Wireless mic system not shown on plan TV7.01 A-V Diagram.
Answer:
See responses to previous questions regarding Wireless Mics and Assisted Listening Transmitters.
Respondent: Larry Tonogan, GandB
- 25 Bid Question 39I **Question:**
Closed Caption Decoder not shown on plan TV7.01 A-V Diagram.
Answer:
Closed caption decoder was added in AV diagram in addendum #2
Respondent: Larry Tonogan, GandB
- 26 Bid Question 39J **Question:**
Division 11000 Section 11 5216 PROJECTOR HANGER ASSEMBLY
Includes a Peerless model CMJ 500 Lightweight Adjustable Suspended Ceiling Plate That appears to duplicate the Chief CMS440P ceiling plate specified in our scope.
Answer:

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Either manufacturer's (Peerless or Chief) ceiling plate is acceptable.
Respondent: Larry Tonogan, GandB

27 Bid Question 40

Question:

Per the specs, the size of the screens should be indicated on the drawings. I cannot find the sizes of the screens listed on the drawings. Can you please provide the sizes required?

Answer:

All screens shall have a viewable area of 69 in high by 92 in wide.
Respondent: Dan Moberly, KH

END OF ADDENDUM

ADDENDUM THREE