ADDENDUM NO. J

APRIL 26, 2018

TO THE REQUEST FOR PROPOSAL DOCUMENTS FOR

FOR

PLANT GROWTH ENVIRONMENTS FACILITY

Project Number: 950558
Contract No.: 950558-DB-2017-198
I. GENERAL

The following changes, additions, or deletions shall be made to the listed documents as indicated, and all other conditions shall remain the same.

II. Lump Sum Base Proposal Form

Replace the Lump Sum Base Proposal Form issued in this Addendum.

III. Technical Proposal

Replace the Technical Proposal issued in this Addendum.

IV. Supplementary Conditions

Replace the Supplementary Conditions issued in this Addendum.

V. BASIS OF DESIGN

Replace the following sheets in the Basis of Design with the ones issued in this Addendum:

Diagram 8.1 Add Alternates Revised pages 366-374

VI. PROPOSAL RFI’S

<table>
<thead>
<tr>
<th>BID RFI No.</th>
<th>QUESTIONS / ANSWERS</th>
</tr>
</thead>
</table>
| 1.59        | **Question:** Please confirm that no grow lights are required.  
             | **Answer:** Provisions for grow lights are noted in the Basis of Design, reference Section 2.3 and 7.3 |
| 1.71        | **Question:** Please clarify what UCR means in regard to the acoustic and vibration concern/sensitivity referenced in the RFP?  
             | **Answer:** Please provide a specific document reference. |
| 1.74        | **Question:** Please clarify the need for the greenhouses to be capable of being cooled to 70 degrees. This appears excessive for ideal plant growth and requires huge cooling capacity of the proposed mechanical system.  
             | **Answer:** Some of the planned research in the greenhouse will require lower temperatures as noted in the BOD. The air-conditioned modules have been included to accommodate this lower temperature research requirement. |
| 1.77        | **Question:** There is a discrepancy between the room data sheet and Indoor Design Condition, Ventilation Rates and Pressure Relationship table (p307). Please clarify which criteria to follow. Sketch attached.  
             | **Answer:** Follow the criteria outlined on page 307. |
1.82 **Question:** The BOD currently shows 2 toilets and 2 lavs on the lower level and 2 toilets and 2 lavs on the upper level (about 200 sf of the original 20,960 gsf total deducted to toilet rooms). Even at the reduced footprint specified in Addendum 'C", it appears that the California Plumbing Code will require a Men's Room with 1 toilet, 1 urinal, and 1 lav on each level as well as a Women’s Room with 3 toilets and 1 lav per level (about 500 sf total dedicated to toilet rooms).

Should the proposed total gross square footage be increased, or should program areas be reduced to accommodate this code-required space? If the latter is preferred, please specify which areas can be reduced.

**Answer:** The fixture counts are to be determined based on California Building Code, reference Addendum H Response 1.52. Increased first floor restroom area should be annexed from shell space, increased second floor area will require increased GSF if necessary.

END OF ADDENDUM
LUMP SUM BASE PRICE PROPOSAL FORM

FOR

PLANT GROWTH ENVIRONMENTS FACILITY
UNIVERSITY OF CALIFORNIA, RIVERSIDE
RIVERSIDE, CALIFORNIA
January 2018, March 6, 2018 March 7, 2018 April 26, 2018

PROPOSAL TO: UNIVERSITY OF CALIFORNIA, RIVERSIDE
Architects & Engineers
1223 University Avenue, Suite 240
Riverside, California, 92521
(951) 827-1269

PROPOSAL FROM:

______________________________
(Name of Firm Submitting Proposal)

______________________________
(Address)

______________________________
(City, State, Zip Code)

______________________________
(Telephone & Fax Number)

______________________________
(Date Submitted)

Note: All portions of this Price Proposal Form must be completed and must include the signed
Declaration on the last page of this form before the Proposal is submitted. Failure to execute the
Declaration will result in the Proposal being rejected as nonresponsive.
1.0 **PROPOSER'S REPRESENTATIONS**

Proposer, represents that a) it has the appropriate active Contractor's license required by the State of California; b) it has carefully read and examined the Proposal Documents for the proposed Work on this Project; c) it has examined the site of the proposed Work and all information available to Prequalified Proposers; d) it has become familiar with all the conditions related to the proposed Work, including the availability of labor, materials, and equipment; e) that all information and submittals provided as part of the prequalification process are accurate and correct. Proposer 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. Proposer further agrees that it will not withdraw its Proposal within 60 days after the Proposal Deadline, and that, if it is selected as the apparent lowest responsive and responsible Proposer, 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 Proposal Documents. If awarded the Contract, Proposer agrees to complete the proposed Work within the number of days specified in the Agreement.

2.0 **ADDENDA**

Proposer acknowledges that it is Proposer'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 Price Proposal Form. Proposer therefore agrees to be bound by all Addenda that have been issued for this Proposal.

3.0 **LUMP SUM BASE PROPOSAL**

**BASE PROPOSAL**

MAXIMUM ACCEPTANCE COST = $20,000,000

$  ,  ,  

(Place figures in appropriate boxes.)
4.0 UNIT PRICES
Refer to Specification Section 01 2200 for the respective multipliers. The quantities set forth in the Unit Prices are estimates. The University does not represent that the actual quantities of Unit Prices will equal the estimated quantities specified.

<table>
<thead>
<tr>
<th>Item No. 1 – Over-Excavation: Excavation and disposal of additional earth in accordance with Division 31, Section &quot;Earth Moving.&quot;</th>
<th>$ , (Place Unit Price in appropriate boxes) Unit Price Per cubic yard of rock excavated (Assume 100 Cubic Yards)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item No. 2 – Backfill and Compaction for Over excavation in accordance with Division 31, Section &quot;Earth Moving.&quot;</td>
<td>$ , (Place Unit Price in appropriate boxes) Unit Price Per cubic yard of material removed and disposed (Assume 50 Cubic Yards)</td>
</tr>
<tr>
<td>Item No. 3 – Trenching, Backfilling and Compaction for Utilities in accordance with Division 31, Section &quot;Earth Moving.&quot;</td>
<td>$ , (Place Unit Price in appropriate boxes) Unit Price Per cubic yard (Assume 50 Cubic Yards)</td>
</tr>
</tbody>
</table>

5.0 DAILY RATE OF COMPENSATION FOR COMPENSABLE DELAYS – Phase 3

Proposer shall determine and provide in the space below, the daily rate of compensation for any compensable delay caused by University at any time during the performance of the Work for Phase 3:

$ , × 60 days (multiplier)

(Place Daily Rate in appropriate boxes.)

University will perform the extension of the daily rate times the multiplier.

The daily rate shown above will be the total amount of Proposer entitlement for each day of compensable delay. The number of days of compensable delay shown as a "multiplier" above is not intended as an estimate of the number of days of compensable delay anticipated by the University. The University will pay the daily rate of compensation only for the actual number of days of compensable delay, as defined in the General Conditions; the actual number of days of compensable delay may be greater or lesser than the "multiplier" shown above.

6.0 NOT USED

7.0 SELECTION OF APPARENT LOW PROPOSER

The apparent low proposer will be determined in accordance with the evaluation process attached to the Request for Proposal.

8.0 NOT USED
## 9.0 ALTERNATES (Refer to Specification Section 01 2300)

Provide all design, engineering, coordination, labor, materials, equipment, accessories, and Design Builder and subcontractor overhead, mark-up, and profit required for the following Alternates. Indicate by marking only one of the three boxes (“Add”, “Deduct”, or “No Change”) and state the amount by placing figures in the corresponding boxes. Check the “No Change” box when there is no change in the Base Proposal. Failure to quote an amount or check “No Change” or the insertion of any words that qualify the Price Proposal will result in the Proposal being rejected as nonresponsive. No extension of time will be granted if the Alternate is accepted.

### Alternate No. 1 – Add Alternate to accommodate four (4) reach-in growth chambers in the shipping-receiving room.

**Construct an additional Green House Room equipped with Air Conditioning as defined in the Basis of Design Section 2.4, Room Diagram and Room Data Sheets.**

With the understanding the second floor greenhouse area will dictate the building footprint the Design Build Team should also construct the associated first floor area as shelled space. All spaces within the scope of Add Alternate #1 are to be provided in final finished and operational conditions with exception given to the associated first floor shelled space.

<table>
<thead>
<tr>
<th>$</th>
<th>Add</th>
<th>Deduct</th>
<th>No Change</th>
</tr>
</thead>
</table>

(Place figures in appropriate boxes.)

University reserves the right to accept this alternate concurrent with the Notice to Proceed for Phase 1.

### Alternate No. 2 – First floor egress corridor between grid lines D-M and 2-3, the storage room between grid lines D-F and 1-2, and the growth chamber suite between grid lines D-E and 3-9.

**Construct an additional Green House Room equipped with Evaporative Cooling as defined in the Basis of Design Section 2.4, Room Diagram and Room Data Sheets.**

With the understanding the second floor greenhouse area will dictate the building footprint the Design Build Team should also construct the associated first floor area as shelled space. All spaces within the scope of Add Alternate #2 are to be provided in final finished and operational conditions with exception given to the associated first floor shelled space.

<table>
<thead>
<tr>
<th>$</th>
<th>Add</th>
<th>Deduct</th>
<th>No Change</th>
</tr>
</thead>
</table>

(Place figures in appropriate boxes.)

University reserves the right to accept this alternate concurrent with the Notice to Proceed for Phase 1.
### Space

<table>
<thead>
<tr>
<th>Alternate No. 3 – First-floor growth chamber suite and Procedure Laboratory between grid lines E-E.5 and 3-9.</th>
<th>$</th>
<th>Add</th>
<th>Deduct</th>
<th>No Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add utilities to accommodate four reach-in growth chambers in the shipping-receiving room. Include power, data, chilled water, DI-RO water, domestic water, and floor sinks.</td>
<td>$</td>
<td>Add</td>
<td>Deduct</td>
<td>No Change</td>
</tr>
<tr>
<td>University reserves the right to accept this alternate concurrent with the Notice to Proceed for Phase 1.</td>
<td>$</td>
<td>Add</td>
<td>Deduct</td>
<td>No Change</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alternate No. 4 – First-floor growth chamber suite and Procedure Laboratory between grid lines E-5-G and 3-9.</th>
<th>$</th>
<th>Add</th>
<th>Deduct</th>
<th>No Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>University reserves the right to accept this alternate concurrent with the Notice to Proceed for Phase 1.</td>
<td>$</td>
<td>Add</td>
<td>Deduct</td>
<td>No Change</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alternate No. 5 – First-floor Flex Laboratory and Clean Laboratory between grid lines G-H and 3-9.</th>
<th>$</th>
<th>Add</th>
<th>Deduct</th>
<th>No Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>University reserves the right to accept this alternate concurrent with the Notice to Proceed for Phase 1.</td>
<td>$</td>
<td>Add</td>
<td>Deduct</td>
<td>No Change</td>
</tr>
</tbody>
</table>
10.0 PROPOSER INFORMATION

TYPE OF ORGANIZATION:

__________________________________________________________________________________________________

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

IF A CORPORATION, THE CORPORATION IS ORGANIZED UNDER THE LAWS OF:

THE STATE OF _______________________________.

(State)

NAME OF PRESIDENT OF THE CORPORATION:

______________________________________________________________

(Insert Name)

NAME OF SECRETARY OF THE CORPORATION:

______________________________________________________________

(Insert Name)

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

PERSONS SIGNING THE BID ON BEHALF OF PROPOSER:

_____________________________________________________________

(Insert Name and Title)

GENERAL PARTNERS:

_____________________________________________________________

(Insert Names)

_____________________________________________________________

(Insert Names-continued)

CALIFORNIA CONTRACTORS LICENSE(S):

____________________________________________________________________________________

(Name of Licensee)

____________________________________________________________________________________

(Classification) (License Number) (Expiration Date)

______________________________________________________________
11.0 REQUIRED COMPLETED ATTACHMENTS

The following documents are submitted with and made a condition of this Proposal:

1. Proposal security in the form of ________________________________
   (Bid Bond or Certified Check)

12.0 DECLARATION

I, __________________________________ (Printed name), hereby declare that I am the __________________________ (Title) of ______________________________________ (Name of Proposer) submitting this Price Proposal Form; that I am duly authorized to execute this Price Proposal Form on behalf of Proposer; and that all information set forth in this Price Proposal Form and all attachments hereto are, to the best of my knowledge, true, accurate, and complete as of its submission date.

I declare, under penalty of perjury, that the foregoing is true and correct and that this declaration was subscribed at: ____________________________ (Location and city), County of ____________________________, State of ____________________________, on ________________ (Date).

________________________________________
(Signature)
TECHNICAL PROPOSAL

CONTENTS

1. TECHNICAL PROPOSAL SUBMITTAL ............................................................................................... 2

   1.1 Technical Proposal Delivery ......................................................................................................... 2

   1.2 Technical Proposal Submittal Instructions ................................................................................... 3

   1.3 Presentation Boards Submittal Requirements ............................................................................. 3

   1.4 Optional Study Model or Fly-Through Video ................................................................................ 4

   1.5 Technical Proposal Scoring .......................................................................................................... 4

2. TECHNICAL PROPOSAL CRITERIA ................................................................................................... 5

   Executive Summary .............................................................................................................................. 5

   TAB 1 - Architectural Design ................................................................................................................ 5

   TAB 2 - Greenhouse Design ................................................................................................................ 6

   TAB 3 - Site, Civil, and Circulation Design Project Program Compliance ........................................... 6

   TAB 4 - Mechanical, Electrical, and Plumbing Systems Design Site, Civil, and circulation Design .... 6

   TAB 5 - Sustainability Features Incorporated Into Design and LEED Silver Scorecard Mechanical, Electronic, and Plumbing Systems Design ................................................................. 6

   TAB 6 - Structural Design Sustainability Features Incorporated into Design and LEED Silver Scorecard ................................................................. 7

   TAB 7 – Alternates, Project Enhancements and Added Value Structural Design ................................. 7

   TAB 8 - Project Schedule & Work Plan Alternates, Project Enhancements and Added Value ......... 7

   TAB 9 - Mitigation of Subsurface Conditions and Negative Construction Impacts Project Schedule & Work Plan ................................................................. 8

   TAB 10 - Quality Control Plan Mitigation of Subsurface Conditions and Negative Construction Impacts ................................................................. 9

   TAB 11 - Quality Control Plan  ............................................................................................................ 9

   TAB 12 - Deviations from Request for Proposal .................................................................................. 9

   Oral Presentation ................................................................................................................................ 10

   Best and Final Offer (BAFO) .............................................................................................................. 10

3. SCHEMATIC DESIGN SUBMITTAL REQUIREMENTS .................................................................... 10

TECHNICAL PROPOSAL SUBMITTAL CHECKLIST

☐ Submittal in a separate sealed container identifies the: Project Name & Number, Submittal Date, Technical Proposal Submittal, and Identification Number. Submittal is properly addressed and delivered.

☐ One (1) original and ten (10) copies of the written portion of the TECHNICAL PROPOSAL. Include:
   ☐ Electronic copy in PDF format on a Flash drive

☐ One (1) set of up to no more than fifteen (15) PRESENTATION BOARDS, not larger than 30” x 42”. Include:
   ☐ Copies of boards within the technical proposal binder as 11” x 17” sheets
   ☐ Electronic copy in PDF format on a Flash drive

☐ One (1) bound set of the SCHEMATIC DESIGN SUBMITTAL shall be submitted not smaller than 30” x 42”. Include:
1. TECHNICAL PROPOSAL SUBMITTAL

Proposers shall submit a Technical Proposal conforming to the format outlined herein and shall provide all requested information. **FAILURE TO COMPLY WITH THE REQUIRED FORMAT AND/OR PROVIDE THE INFORMATION REQUESTED MAY RESULT IN A NON-RESPONSIVE SUBMITTAL.**

Technical Proposals may be comprised of design narratives, drawings (no larger than 30” x 42”), presentation boards, optional study model or fly-through video, outline specifications, preliminary sizing calculations, catalog cut sheets, and other information as required and appropriate. **ALL REFERENCES THAT MAY IDENTIFY THE DESIGN BUILD TEAM SHALL BE REMOVED.**

1.1 Technical Proposal Delivery

.1 Proposal Delivery Date

Refer to the Proposal Schedule for the Technical Proposal Submittal due date and time.

.2 Marking and Identification of Submittals

Proposer shall clearly mark the outside of each package to identify the following:

- **Project Name:** Plant Growth Environments Facility
- **Project Number:** 950558
- **Marked:** "Technical Proposal Submittal"
- **Date of Submittal:**
- **Design Builder Identification Number:**

If the Proposals are sent by mail, courier or delivery service, the sealed package shall be marked with the notation “SEALED PROPOSAL ENCLOSED” on the face thereof.

.3 Designated Location for Receipt of Technical Proposals

Proposer shall assume full responsibility for timely delivery of proposals. Proposals shall be properly addressed to be received at:

University of California, Riverside
Architects and Engineers Department – BID BOX
1223 University Ave, Suite 240
Riverside, CA 92521
Attention: Reggi Thomas

**LATE PROPOSALS: ANY PROPOSAL, MODIFICATION, OR REVISION, THAT IS RECEIVED AT THE DESIGNATED UCR ARCHITECT AND ENGINEERS LOCATION AFTER THE EXACT TIME SPECIFIED FOR RECEIPT OF PROPOSALS IS “LATE” AND WILL NOT BE CONSIDERED UNLESS IT WAS THE ONLY PROPOSAL RECEIVED. LATE PROPOSALS AND MODIFICATIONS THAT ARE NOT CONSIDERED WILL BE HELD UNOPENED, UNLESS OPENED FOR IDENTIFICATION, AND THEN RETURNED TO THE PROPOSER AFTER AWARD.**

.4 Technical Proposal Delivery Methods (See marking instructions in 1.1.2 above)

a. Mail
b. Courier (Hand Delivery)
c. Delivery service

.5 Unacceptable Delivery Methods

a. Oral
b. Telephonic
c. Facsimile
d. Email or other electronic means

1.2 Technical Proposal Submittal Instructions

.1 Required Copies

**One (1) original and seven (7-10) copies** of the written portion of the Technical Proposal shall be submitted in sealed boxes, envelopes, or other appropriate sealed containers. Include **one (1) electronic copy** of the written portion of the Technical Proposal and presentation boards *(in PDF format).*

.2 Technical Proposal Format

All Technical Proposals shall be submitted in 8.5” x 11” or 11” x 17” 3-ring or spiral bound binders. Items not physically suitable for inclusion may be submitted separately with a clear proposal reference to the separately furnished items.

**ALL NARRATIVES WITHIN THE TECHNICAL PROPOSAL SHALL BE TYPED IN TIMES NEW ROMAN OR A COMPARABLE FONT THAT IS EASY TO READ UTILIZING 11 POINT FONT OR LARGER.**

.3 Design Builder Identification Number

Prior to the Technical Proposal submittal, the University will assign a Design Builder Identification Number to each Proposer. The Design Builder Identification Number shall be used by each Proposer to identify its Technical Proposal submittal.

*Blind Evaluation:* To provide an impartial review of each Proposer’s Technical Proposal submittal, the Technical Evaluation Committee will conduct a Blind Evaluation. Therefore, **the entire contents of the Technical Proposal submittal shall have all references to the Proposer’s identity removed.** All references that may identify the Design Build team including, but not limited to, firm or team names, staff identification, consultant identification, addresses, telephone numbers, logos, letterhead, stationary, binders, or business cards or specifics about the firm or its size and history shall be removed.

1.3 Presentation Boards Submittal Requirements

.1 Submit **one (1) set of up to, but no more than fifteen (15) presentation boards**, not larger than 30” x 42” with the following:

a. Construction Site Logistics – Indicate vehicular and pedestrian access/patterns during all phases of construction.

b. Vicinity Plan - Color rendered showing proposed building in relation to East Campus Drive, Greenhouses 18-21 and Lathhouse 3.

c. Site Plan – Color rendered indicating landscape/hardscape around building and showing:

i. Landscape features shall include trees, shrubs, ground covers, special fill areas and lawns, if any.

ii. Hardscape features shall include roadway, service and loading dock parking, plazas, retaining and landscape walls, and site lighting. Include access/patterns for ADA, pedestrian circulation, bike paths, public transportation, emergency vehicle access, and fire hydrants.
iii. Include all above-grade utilities, if any.

d. Perspectives:
   i. Two (2) color rendered perspectives of building exterior

e. Floor Plans – Color rendered floor plans indicating program elements such as circulation, space configurations and locations.

f. Greenhouse Plans – Color rendered indicating program elements such as benches, equipment locations, MEP services, water locations (domestic, RO, fertilizer), preliminary and secondary circulation, service circulation and exiting.

g. Materials – Provide samples of actual interior and exterior materials.

.2 Include copies of boards not smaller than ½ size scale drawings within the technical proposal binder AND ELECTRONICALLY ON A FLASH DRIVE (in PDF format).

1.4 Optional Study Model or Fly-Through Video

Each Proposer shall provide a study model of their proposed project design with the content and format as described:

.1 Study Model
   a. Model to illustrate integration with existing buildings and site.

.2 Video
   a. Show approach to building and entry up stairs to headhouse into greenhouses.

1.5 Technical Proposal Scoring

The Technical Proposal will be scored as follows:

<table>
<thead>
<tr>
<th>Description</th>
<th>Points Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Summary</td>
<td>0</td>
</tr>
<tr>
<td>TAB 1 – Architectural Design</td>
<td>40</td>
</tr>
<tr>
<td>TAB 2 – Greenhouse Design</td>
<td>45</td>
</tr>
<tr>
<td>TAB 3 – Project Program Compliance</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>TAB 4 - Site, Civil, and Circulation Design</td>
<td>30</td>
</tr>
<tr>
<td>TAB 5 – Mechanical, Electrical, and Plumbing Systems Design</td>
<td>35</td>
</tr>
<tr>
<td>TAB 6 – Sustainability Features Incorporated into Design and LEED Silver Scorecard</td>
<td>30</td>
</tr>
<tr>
<td>TAB 7 – Structural Design</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>TAB 8 – Alternates, Project Enhancements and Added Value</td>
<td>40</td>
</tr>
<tr>
<td>TAB 9 – Project Schedule &amp; Work Plan</td>
<td>15</td>
</tr>
<tr>
<td>TAB 10 – Mitigation of Subsurface Conditions and Negative Construction Impacts</td>
<td>10</td>
</tr>
<tr>
<td>TAB 11 – Quality Control Plan</td>
<td>15</td>
</tr>
<tr>
<td>TAB 12 – Deviations from Request for Proposal</td>
<td>Pass/Fail</td>
</tr>
<tr>
<td>Oral Presentation</td>
<td>10</td>
</tr>
</tbody>
</table>

Subtotal: 270

Best and Final Offer (if necessary) 30

Total: 300
2. TECHNICAL PROPOSAL SUBMITTAL

Each Proposer shall provide the following information in the content and format as described. Proposal shall be indexed with tabs numbered and labeled in bold type denoting the sections. Narratives may incorporate graphic information and/or presentation boards.

EXECUTIVE SUMMARY

The Executive Summary should stand on its own to convey the primary design, program and technical elements of your proposal that clearly and collectively demonstrate why your project approach represents the overall best value to the University.

TAB 1

ARCHITECTURAL DESIGN

Proposer shall:

A. Identify the design context and philosophical design intent.

B. Demonstrate how the proposed design:

1. Achieves the architectural goals outlined in the Basis of Design and is consistent with the UC Riverside Physical Design Framework Chapter 1-3 and 4-7.

2. Incorporates the following elements:
   i. Architectural themes and materials consistent with the contextual design principles of the campus.
   ii. The use of architectural elements and space to create way finding in and around the building without complete dependence on signage.
   iii. Prototype building design that will facilitate the design of future buildings to the north, including future entrances
   iv. Development of an architectural statement on East Campus Drive.
   v. Durability and extended deferred maintenance with quality construction.
   vi. Building facades that are an expression of basic structure with evident organizing principles and a lack of gratuitous ornament.
   vii. Other architectural design and aesthetic considerations.

C. Allows for seamless build-out of shell space as part of a future tenant improvement project.

D. Master plan the site for the design and construction of a future building to the north & south of PGEF.

TAB 2

GREENHOUSE DESIGN

Proposer shall demonstrate how space configurations, adjacencies, and room layouts provide space with the following attributes:

A. Design high quality research space that will facilitate agricultural research.

B. Create a design that will allow the functions to be adjusted as program change, and the need for imaging increases or decreases.

C. Create an environment that provides a flexible framework for future programmatic adjustments.

D. Include considerations for future technological advances.

E. Support small group interaction and informal interactions between faculty and graduate students.
F. Temperature, humidity and shading control.

### TAB 3

#### PROJECT PROGRAM COMPLIANCE

Suggested Text Length: 1 page (excluding matrix)

Proposer shall demonstrate compliance with the *PGEF Basis of Design* by submitting the required Basis of Design Compliance Matrix and specifying the assignable square footage for each space and unit.

**A REDUCTION GREATER THAN 5% OF THE ASSIGNABLE SQUARE FOOTAGE FOR EACH SPACE WILL RENDER THE PROPOSAL NON-RESPONSIVE**

### TAB 4

#### SITE, CIVIL AND CIRCULATION DESIGN

Suggested Text Length: 1 – 5 pages

Proposer shall:

A. Demonstrate how the proposed site, civil and circulation designs are responsive to the Project Site Analysis and consistent with the Site Plan Concept.

B. Demonstrate that the proposed *site design* includes:
   1. Innovative and cost-effective solutions to design and construct the site, building, and systems.
   2. Accommodates loading and outdoor storage uses that are screened from view with minimal visual impact to adjacent public walkways and spaces.
   3. Provides a delightful experience from East Campus Drive.
   4. Non-asphalt paving solutions and other design & aesthetic considerations.

C. Demonstrate that the proposed *civil design* includes:
   1. Innovative use of the existing topography, drainage, and soil.
   2. An efficient site utility design that includes considerations to mitigate negative impacts on existing utilities, campus grounds, adjacent buildings, and communities.

D. Demonstrate that the proposed *circulation design* is consistent with the UC Riverside Physical Design Framework and includes:
   1. Efficient interface with existing campus circulation pathways (pedestrian and bicycle), vehicular access, building service and loading, and emergency.
   2. Compliance with all accessibility codes and other applicable documents referenced in the RFP.

E. Clearly define reserve area for a future circulation road as defined in Plant Growth Environments & Support Facilities Relocation Study and as approved by Fire Marshal.

### TAB 5

#### MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS DESIGN

Suggested Text Length: 1 – 3 pages

Proposer shall include a description of the proposed mechanical, electrical, and plumbing designs and identify their features and system advantages; and demonstrate that they will:

A. Meet or exceed the requirements of the Project Planning Guidelines and Basis of Design, Specifications, campus energy goals, and project planning guidelines and campus Building Energy Efficiency Standards.

B. Strategies that support the required day one and future build-out shelled space in a cost effective and energy efficient manner.
efficient manner.

C. Provide durability, ease of maintenance, aesthetic, and energy efficiency/conservation considerations.

D. Support the acoustical and sustainable requirements of the project.

E. Provide future flexibility of systems as the building program requirements and needs changes.

F. Provide cost effective greenhouse operations.

**TAB 6**

<table>
<thead>
<tr>
<th>Suggested Text Length: 1 – 5 pages (excluding scorecard)</th>
<th>30 POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUSTAINABILITY FEATURES INCORPORATED INTO DESIGN AND LEED SILVER SCORECARD</strong></td>
<td></td>
</tr>
<tr>
<td>Proposer shall:</td>
<td></td>
</tr>
<tr>
<td>A. Demonstrate how the proposed design incorporates sustainability features outlined in the RFP, including:</td>
<td></td>
</tr>
<tr>
<td>1. Reduction of the carbon footprint.</td>
<td></td>
</tr>
<tr>
<td>2. Achievement of LEED Silver certification or higher.</td>
<td></td>
</tr>
<tr>
<td>3. Alternative means and methods to provide the required building(s) energy performance.</td>
<td></td>
</tr>
<tr>
<td>B. Submit LEED scorecards indicating which credits would be pursued for LEED Silver, or higher certification.</td>
<td></td>
</tr>
</tbody>
</table>

**TAB 7**

<table>
<thead>
<tr>
<th>Suggested Text Length: 1 – 4 pages</th>
<th>PASS/FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STRUCTURAL DESIGN</strong></td>
<td></td>
</tr>
<tr>
<td>Proposer shall:</td>
<td></td>
</tr>
<tr>
<td>A. Include a description of the proposed structural design and identify proposed materials and system advantages.</td>
<td></td>
</tr>
<tr>
<td>B. Demonstrate that the proposed structural design:</td>
<td></td>
</tr>
<tr>
<td>1. Will meet or exceed the requirements of the RFP requirements, including, but not limited to the California Building Code and University of California Seismic Safety Policy.</td>
<td></td>
</tr>
<tr>
<td>2. Includes considerations for wind, vibration, and deflection control.</td>
<td></td>
</tr>
</tbody>
</table>

**TAB 8**

<table>
<thead>
<tr>
<th>Suggested Text Length: 1 – 2 pages (excluding matrix)</th>
<th>40 POINTS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALTERNATES, PROJECT ENHANCEMENTS AND ADDED VALUE</strong></td>
<td></td>
</tr>
<tr>
<td>Proposer shall:</td>
<td></td>
</tr>
<tr>
<td>A. Submit the <em>Alternates, Project Enhancements, and Added Value Matrix</em>.</td>
<td></td>
</tr>
<tr>
<td>1. Indicate whether project Alternates are included in the base bid <em>at no additional cost</em>.</td>
<td></td>
</tr>
<tr>
<td>2. List project enhancements and added value with appropriate descriptions. Project enhancements provide the University with <em>added value</em> to the base bid requirements.</td>
<td></td>
</tr>
<tr>
<td>B. Demonstrate that the proposed design, materials, and construction quality exceed the requirements of the base bid.</td>
<td></td>
</tr>
</tbody>
</table>
## ALTERNATES, PROJECT ENHANCEMENTS, AND ADDED VALUE MATRIX

### ALTERNATES

<table>
<thead>
<tr>
<th>ALTERNATE NO.</th>
<th>ALTERNATE DESCRIPTION</th>
<th>INCLUDED IN BASE BID?</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Add Alternate to accommodate four (4) reach-in growth chambers in the shipping-receiving room. Construct an additional Green House Room equipped with Air Conditioning as defined in the Basis of Design Section 2.4, Room Diagram and Room Data Sheets. With the understanding the second floor greenhouse area will dictate the building footprint the Design Build Team should also construct the associated first floor area as shelled space. All spaces within the scope of Add Alternate #1 are to be provided in final finished and operational conditions with exception given to the associated first floor shelled space.</td>
<td>YES ☐ NO ☐</td>
</tr>
<tr>
<td>2</td>
<td>First floor egress corridor between grid lines D-M and 2-3, the storage room between grid lines D-F and 1-2, and the growth chamber suite between grid lines D-E and 3-9. Construct an additional Green House Room equipped with Evaporative Cooling as defined in the Basis of Design Section 2.4, Room Diagram and Room Data Sheets. With the understanding the second floor greenhouse area will dictate the building footprint the Design Build Team should also construct the associated first floor area as shelled space. All spaces within the scope of Add Alternate #2 are to be provided in final finished and operational conditions with exception given to the associated first floor shelled space.</td>
<td>YES ☐ NO ☐</td>
</tr>
<tr>
<td>3</td>
<td>First floor growth chamber suite and Procedure Laboratory between grid lines E-E.5 and 3-9. Add utilities to accommodate four reach-in growth chambers in the shipping-receiving room. Include power, data, chilled water, DI-RO water, domestic water, and floor sinks.</td>
<td>YES ☐ NO ☐</td>
</tr>
<tr>
<td>4</td>
<td>First floor growth chamber suite and Procedure Laboratory between grid lines E-5-G and 3-9.</td>
<td>YES ☐ NO ☐</td>
</tr>
<tr>
<td>5</td>
<td>First floor Flex Laboratory and Clean Laboratory between grid lines G-H and 3-9.</td>
<td>YES ☐ NO ☐</td>
</tr>
</tbody>
</table>

### PROJECT ENHANCEMENTS AND ADDED VALUE

<table>
<thead>
<tr>
<th>ITEMIZED LIST OF PROJECT ENHANCEMENTS</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

\(^1\) Suggested Format
**TAB 9**

**15 POINTS**

**PROJECT SCHEDULE & WORK PLAN**

Proposer shall:

A. Submit a **Work Plan** demonstrating how it intends to staff and manage tasks and resources necessary to accomplish the work, commencing with the Notice to Proceed and ending with the completion of Construction.

   1. Identify the project approach and address:
      
      i. Key elements of project management and administration (staffing plan).
      
      ii. Strategies for addressing and overcoming potential project constraints and challenges associated with each project phase including mobilization.
      
      iii. Sequence of work with minimal service interruption for the surrounding community, specifically occupied units and facilities immediately adjacent to the site.


      v. Environmental mitigation measures around laydown area.

B. Submit a **Preliminary Schedule** that is consistent with the Work Plan and identifies:

   1. The approach to the fast-track design and construction of the project
   2. Significant contract activities including shoulder to shoulder sessions, and procurement activities and durations, including the activities required to complete the Construction Documents and obtain required approvals
   3. The division of work by construction drawing packages (limited to no more than six (6) Construction Document Packages) with a breakdown of drawings and specification sections to be included in each package. Specify how the design package strategy contributes to successful schedule implementation.

**TAB 10**

**10 POINTS**

**MITIGATION OF SUBSURFACE CONDITIONS AND NEGATIVE CONSTRUCTION IMPACTS**

Proposer shall demonstrate that it will minimize or eliminate the risk of increased costs or adjustments to the Contract Time with consideration of the following:

A. Excavation and grading requirements including proposed shoring and monitoring of existing structures.

B. Underground utility identification, relocation, and/or removal.

C. Existing groundwater conditions. Description includes discussion of potential mitigation of shallow groundwater conditions including the need for dewatering and the potential use of excavated soils as backfill.

D. Existing geotechnical conditions including the presence of groundwater, rock, or fill.

E. Subsurface contamination.

F. Mitigation of construction noise, vibration, dust, etc. affecting surrounding community.
QUALITY CONTROL PLAN

The Proposer shall:

A. Demonstrate compliance with Division 01 General Requirements, Section 01 4000, Quality Requirements and include descriptions of:

1. The organizational and reporting relationships of the project team members responsible for quality control. Submit a table indicating quality control resource loading through completion of the project.

2. Quality control procedures during design and construction document development (include internal QC and CDA processes) to assure compliance with program requirements and avoid scope expansion.

3. Quality control procedures for mock-ups used by the University to make final materials selections and establish the quality of construction that will be incorporated into the work.

B. Submit a Tracking and Compliance Log that includes the incorporation of University comments during the review and approval process.

DEVIATIONS FROM REQUEST FOR PROPOSAL

Proposers shall submit the Deviations Matrix, (located at the end of this document), to summarize each instance where the Lump Sum Base Price Proposal, or Alternate Pricing deviates from the requirements established in the Proposal Documents. Absent an appropriate reference in the Deviations Matrix, the University will assume that the Design Builder will comply with all the specific requirements of the Proposal Documents during both the design and construction phases of the project.

The Lump Sum Base Price Proposal and Alternate Prices shall include the cost of all proposed deviations from the Proposal Documents. Deviations from the Proposal Documents will not be allowed without prior written approval from Design and Construction Services. After the Award of Contract, proposed product substitutions shall be made according to Specification Section 01 6000, Product Requirements.

DEVIATIONS MATRIX² (TAB 12)

(Deviations from Master Specifications and/or RFP)

<table>
<thead>
<tr>
<th>SPECIFICATION SECTION/ CAMPUS STANDARDS AND BASIS OF DESIGN</th>
<th>IMPACT OR EFFECT ON PROJECT DESIGN</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITEM DESCRIPTION</td>
<td>DESCRIPTIVE DETAILS</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

² Suggested format
ORAL PRESENTATION

Proposer shall make an oral presentation of its proposal following the University’s evaluation of Technical Proposals and prior to the public opening of the Lump Sum Base Price Proposals. However, if at the conclusion of the evaluation of Technical Proposals, the University determines that requesting a BAFO would be in its best interests, the University will defer the oral presentation and proceed directly to a BAFO process. The University may elect to request written proposal clarifications from the Proposers prior to holding BAFO discussions.

During the oral presentation, Proposers will be allowed 30 minutes to present the most important aspects of their proposals and 1 hour to answer questions and provide clarifications requested by the Technical Evaluation Committee. Discussions may cover any of the requirements described in the RFP.

Proposed cost shall not be discussed during the oral presentation. The University’s summation of Proposal Clarifications shall be accepted by signature of selected Proposer and incorporated into their Proposal by reference.

BEST AND FINAL OFFER (BAFO)

The University may determine that clarifications to the initial proposals and additional discussions with the Proposers are necessary to obtain proposals that are responsive with respect to program and cost requirements, and to optimize the ability to obtain best value for this project. In this case, the University will conduct discussions with each Proposer following the technical evaluation with the intent of allowing the Proposers to submit a BAFO. The University will request BAFO submittals from the Proposers to clarify and document understandings reached during discussions. Instructions for the BAFO submittals including the deadline, format, and content requirements will be issued in writing by the University.

The BAFO submittal will consist of two components:

A. A revised technical proposal or technical proposal supplement covering all additions, changes, or clarifications to the original technical submittal. Revised drawings, presentation boards and other supplements may also be submitted as appropriate and in accordance with the University's written instructions for the BAFO submittal.

B. A revised Lump Sum Base Price Proposal, Lump Sum Base Price Proposal Spreadsheet, and a new Proposal Security, in accordance with the University's written instructions for the BAFO submittal.

3. SCHEMATIC DESIGN SUBMITTAL REQUIREMENTS

The following drawings shall be submitted; 1) as one (1) bound set not smaller than 30” x 42”, 2) within the technical proposal binder as 11” x 17” sheets, and 3) ELECTRONICALLY ON A Flash drive (in PDF format):

<table>
<thead>
<tr>
<th>SHEET</th>
<th>SCALE</th>
</tr>
</thead>
<tbody>
<tr>
<td>.1 Demolition Plan</td>
<td>None</td>
</tr>
<tr>
<td>.2 Grading and Drainage Plan</td>
<td>None</td>
</tr>
<tr>
<td>.3 Site Plan</td>
<td>1” = 20’</td>
</tr>
<tr>
<td>.4 Landscape and Hardscape Construction Plan</td>
<td>1” = 20’</td>
</tr>
<tr>
<td>.5 Conceptual Structural Plan</td>
<td>1/16” = 1’</td>
</tr>
<tr>
<td>.6 Architectural</td>
<td></td>
</tr>
<tr>
<td>1) Code Information Plans (All Levels)</td>
<td>1/16” = 1’</td>
</tr>
<tr>
<td>2) Floor Plans (All Levels)</td>
<td>1/8” = 1’</td>
</tr>
<tr>
<td>4) Conceptual Reflected Ceiling Plans</td>
<td>1/16” = 1’</td>
</tr>
<tr>
<td>5) Exterior Elevations</td>
<td>1/8” = 1’</td>
</tr>
</tbody>
</table>
6) Building Sections  
7) Enlarged Partial Exterior Building Elevations  
8) Typical Exterior Details  
.7 Mechanical Conceptual Floor Plans  
.8 Electrical Conceptual Floor Plans and Single Line Diagrams  
.9 Greenhouse Plan

.1 Demolition Plans:
   a. Sequence for demolition; including locating, identifying, disconnecting, sealing / capping / safeing-off, and protecting utility services.
   b. Locations of temporary dust and noise control partitions and means of egress relative to adjacent communities.
   c. Path of hazardous and non-hazardous waste removal.

.2 Grading and Drainage Plan:
Storm Water Pollution Prevention Plan (SWPPP) compliance and other environmental mitigation measures, including:
   a. Locations of drain inlets used to capture sheet flows. Include inlet protection measures, if required.
   b. Finished ground contours and spot grade elevations as required for ridge lines, flow lines, or grade breaks.
   Best Management Practices required for limiting erosion of graded slopes and controlling sediment entering storm drain inlets. Show gravel bags, straw waddles, silt fencing, or other devices, if any.

.3 Site Plan
Illustrate relationships with existing site elements and buildings, and include:
   a. Location of proposed building in relation to adjacent buildings
   b. Location and descriptions of proposed hardscape design elements in relation to existing facilities and site amenities
   c. Location of proposed surface parking, roads, service areas, walks, tree groupings, landscape screening, retaining walls, and other various site/building features, including appropriate descriptions
   d. Building(s) and site (ADA) accessibility
   e. Location of existing and proposed site lighting
   f. Location of existing and proposed site electrical & mechanical equipment

.4 Landscape and Hardscape Construction Plan
Show all new and existing landscape and hardscape features:
   a. Landscape features shall include trees, shrubs, planters, ground covers, special fill areas, and other amenities, if any.
   b. Hardscape features shall include paving; ramps; retaining, landscape, and seat walls; stairs; and site/integral lighting. Include access/patterns for ADA, pedestrian circulation, bike paths, emergency vehicle access, fire hydrants, if any.

.5 Conceptual Structural Plan
All levels, typical floor plan shall include:
a. Conceptual foundation plans illustrating structural design concept
b. Dimensioned structural grid
c. Conceptual Structural Floor Plan illustrating structural design concept:
   1) Dimensioned and structural grid
   2) Concept and location of lateral bracing system
   3) Location and size of structural columns.

.6 Architectural (All Levels)

1) Code Information Plans to include the following:
   a. Identification of fire and smoke rated walls and openings
   b. Identification of all exits
   c. Identification of all room names
   d. Identification, location and fire rating of building(s) or occupancy separations
   e. Identification and limits of building(s) occupancies
   f. Description of summarized code review, including building type, occupancy group, exit calculations

2) Floor Plans shall include:
   a. Dimensioned structural grid
   b. Exterior walls, doors, frames, and openings
   c. Interior walls, doors, frames, and openings
   d. Room names
   e. Applicable equipment and furnishings
   f. Fixture locations
   g. Appropriate descriptions

3) Conceptual Reflected Ceiling Plans shall include:
   a. Exterior and interior walls, doors, and openings
   b. Ceiling height designations
   c. Room names
   d. Reflected ceiling grids
   e. Interior and exterior soffits and bulkheads
   f. Light fixtures
   g. Item and material designations
   h. Ceiling mounted equipment
   i. Appropriate descriptions

4) Architectural Exterior Elevations
   a. All major building elevations
   b. Structural grid designations
c. Vertical floor elevation designations
d. Material designations
e. Include appropriate descriptions

5) Architectural Building Sections
   a. Longitudinal
   b. Latitudinal

6) Architectural Enlarged Partial Exterior Building Elevations (All Elevations)
   a. Building(s) entrances
   b. Structural grid designations
   c. Vertical floor elevation designations
   d. Material designations
   e. Include appropriate descriptions

7) Architectural Typical Exterior Details
   a. Illustration of building systems relationship
   b. Typical exterior details
   c. Structural grid designations
   d. Vertical floor elevation designations
   e. Grid to exterior wall dimensions
   f. Item and material designations
   g. Include appropriate descriptions

.7 Mechanical Conceptual Floor Plans and Plans (All Levels)
   a. Place over architectural background.
   b. HVAC and plumbing information may be combined for all levels.
   c. Conceptual HVAC and plumbing floor plans shall include:
      1) Single line HVAC main ducts and risers
      2) Single line exhaust ducts and risers
      3) HVAC and exhaust equipment and associated system components layout in mechanical room
      4) Identification and location of main plumbing lines, equipment and valves
      5) Identification of plumbing fixtures
      6) Identification and location of floor drains and sinks
      7) Location and identification of mechanical equipment and HVAC temperature control zones
      8) Overall dimensions of mechanical equipment and service clearance dimensions to be provided

.8 Electrical Conceptual Floor Plans and Single Line Diagrams (All Levels)
   a. Place over architectural background.
   b. Lighting and power information may be combined for all levels. Typical spaces do not need to be repeated.
c. Conceptual floor plans shall include:
   1) Location and identification of light fixtures
   2) Location and identification of exit lighting
   3) Location and identification of emergency lighting
   4) Location and identification of electrical panels
   5) Location and identification of electrical equipment
   6) Location of transformers and generators
   7) Conceptual single line power diagram

.9 Greenhouse Plans:
   a. Floor plans showing configuration of typical greenhouse layout.
   b. Show options of bench layouts and MEP systems that support the greenhouses.
   c. Show configuration and location of water (domestic, RO, fertilizer water), data and all types of power per the program requirements.
   d. Show typical electrical panel(s) configuration for each greenhouse.

END OF TECHNICAL PROPOSAL SECTION
SUPPLEMENTARY CONDITIONS

4. In General Conditions, Article 1, add the following to 1.1.3:

The “Architect of Record” as referred to in the General Conditions is: Name: TBD, License: TBD.

2. Not used.

3. In General Conditions, Article 3, add the following to 3.11.1.2:

A reasonable number of Construction Document packages shall be 3.

4. In General Conditions, Article 3, add the following to 3.11.4:

.3 University will consider request by Design Builder for modification to the findings and recommendations found in the geotechnical report provided in the Contract Documents. If such request for modification is agreed to by the University, the University’s geotechnical engineer will modify the geotechnical report to reflect requested modifications. The University will be under no obligation to study or agree to such request for modifications of the findings and recommendations by the Design Builder. The University's decision on such request by the Design Builder shall be final.

5. In General Conditions, Article 8, add the following as Article 8.4.4:

8.4.4 The Contract Time includes adverse weather days. Adverse weather in excess of 5 days will be granted a Contract Time extension pursuant to Article 8.4 of the General Conditions.

6. In General Conditions, Article 11, add the following as Article 11.1.12:

11.1.12 Design Builder shall furnish and maintain insurance in the amounts below.

The insurance required by 11.1.2.1, 11.1.2.2 and 11.1.2.4 shall be (i) issued by companies with a Best rating of A- or better, and a financial classification of VIII or better (or an equivalent rating by Standard & Poor or Moody's) or (ii) guaranteed, under terms consented to by the University (such consent to not be unreasonably withheld), by companies with a Best rating of A- or better, and a financial classification of VIII or better (or an equivalent rating by Standard & Poor or Moody's). Insurance required by Paragraph 11.1.2.3 shall be issued by companies (i) that have a Best rating of B+ or better, and a financial classification of VIII or better (or an equivalent rating by Standard & Poor or Moody's); or (ii) that are acceptable to the University. Such insurance shall be written for not less than the following:

<table>
<thead>
<tr>
<th>11.1.12.1 COMMERCIAL FORM GENERAL LIABILITY INSURANCE – LIMITS OF LIABILITY</th>
<th>Minimum Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Each Occurrence-Combined Single Limit for Bodily Injury and Property</td>
<td>$4,000,000</td>
</tr>
<tr>
<td>Products-Completed Operations Aggregate</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Personal and Advertising Injury</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>General Aggregate</td>
<td>$2,000,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11.1.12.2 BUSINESS AUTOMOBILE LIABILITY INSURANCE – LIMITS OF LIABILITY</th>
<th>Minimum Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Each Accident-Combined Single Limit for Bodily Injury and Property Damage</td>
<td>$1,000,000</td>
</tr>
</tbody>
</table>

UC Rev. 9, February 12, 2010
UCR Rev. 2011-12-15 DB
11.1.12.3 WORKERS’ COMPENSATION AND EMPLOYER’S LIABILITY –

Minimum Requirement

<table>
<thead>
<tr>
<th>Workers’ Compensation:</th>
<th>(as required by Federal and State of California law)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employer’s Liability:</td>
<td></td>
</tr>
<tr>
<td>Each Employee</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Each Accident</td>
<td>$1,000,000</td>
</tr>
<tr>
<td>Policy Limit</td>
<td>$1,000,000</td>
</tr>
</tbody>
</table>

11.1.12.4 PROFESSIONAL LIABILITY INSURANCE –

LIMITS OF LIABILITY

Minimum Requirement

| Each Occurrence        | $1,000,000 |
| General Aggregate      | $1,000,000 | $5,000,000 |

7. Not used.

8. In General Conditions, Article 11, replace 11.2.3 in its entirety with the following:

11.2.3 Builder’s risk insurance coverage under this Article 11.2 will end on the earliest of any of the following:

1. sixty (60) days after the date a Certificate of Occupancy for the entire Project is issued by the University;

2. sixty (60) days after the date a Certificate of Occupancy for a part of the Project issued by the University, but coverage will end only for the part of the Project covered by such Certificate of Occupancy; or

3. the date of Final Completion established by the University in any Notice of Completion issued by the University.

9. In General Conditions, Article 1, replace 1.1.24 in its entirety with the following:

1.1.24 CRITERIA DOCUMENTS

The term “Criteria Documents” means, but is not limited to, the portions of the Contract Documents which constitute an outline of design requirements, Scope of Work, Project Program, Performance Specifications, Design/Construction Phases, Facility Standards, and Schematic Drawings in the Exhibits.

10. In General Conditions, Article 1, add the following as 1.1.60:

1.1.60 BRIDGING DOCUMENTS

The term “Bridging Documents” means the Performance Specifications and the Schematic Drawings in the Exhibits.

11. In General Conditions, Article 9, replace 9.3.3 in its entirety with the following:

9.3.3 An Application For Payment shall be accompanied by (1) a summary showing payments that will be made to Subcontractors covered by such application and conditional releases upon progress payment or final payment, and (2) unconditional waivers and releases of claims and stop notices, in the form contained in the Exhibits, from each Subcontractor listed in the preceding Application For Payment covering sums disbursed pursuant to that preceding Application For Payment.

END OF SUPPLEMENTARY CONDITIONS
Diagram 8.1.1  Add Alternate #1  #3

**Initial Build-Out Scope of Work**

**Add Alternate #1:**
Add utilities to accommodate four reach-in growth chambers in the shipping-receiving room. Include power, data, chilled water, DI-RO water, domestic water, and floor sinks.
Add Alternate #2:

Construct the first-floor egress corridor between grid lines D-M and 2-3, the storage room between grid lines D-F and 1-2, and the growth chamber suite between grid lines D-E and 3-9. The walk-in growth chambers are to be provided and installed by the design-build team. The reach-in growth chambers will be provided and installed by UC Riverside. The electrical, chilled water cooling loop, and floor sink services for the reach-in growth chambers are to be provided and installed by the design-build team. All spaces within the scope of Add Alternate #1 are to be provided in final finished and operational condition except for the installation of the reach-in growth chambers.
Add Alternate #3:

Construct the first-floor growth chamber suite and Procedure Laboratory between grid lines E-E.5 and 3-9. The walk-in growth chamber is to be provided and installed by the design-build team. The reach-in growth chambers will be provided and installed by UC Riverside. The electrical, chilled water cooling loop, and floor sink services for the reach-in growth chambers are to be provided and installed by the design-build team. All spaces within the scope of Add Alternate #2 are to be provided in final finished and operational condition except for the installation of the reach-in growth chambers.
Add Alternate #4:

Construct the first-floor growth chamber suite and Procedure Laboratory between grid lines E.5-G and 3-9. The walk-in growth chambers are to be provided and installed by the design-build team. The reach-in growth chambers will be provided and installed by UC Riverside. The electrical, chilled water cooling loop, and floor sink services for the reach-in growth chambers are to be provided and installed by the design-build team. All spaces within the scope of Add Alternate #3 are to be provided in final finished and operational condition except for the installation of the reach-in growth chambers.
Add Alternate #5:

Construct the first-floor Flex Laboratory and Clean Laboratory between grid lines G-H and 3-9. All spaces within the scope of Add Alternate #3 are to be provided in final finished and operational condition except for the installation of the reach-in growth chambers.