

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

BERKELEY • DAVIS • IRVINE • LOS ANGELES • MERCED • RIVERSIDE • SAN DIEGO • SAN FRANCISCO



SANTA BARBARA • SANTA CRUZ

OFFICE OF DESIGN & CONSTRUCTION SERVICES and PHYSICAL FACILITIES

CONTRACTING SERVICES

Building 439

Santa Barbara, California 93106-1030

Telephone (805) 893-3356

Fax (805) 893-8592

**SENT VIA:**  FAX ON THIS DATE  
 HAND DELIVERY ON THIS DATE  
 FEDERAL EXPRESS ON THIS DATE  
 UNITED PARCEL SERVICE ON THIS DATE

HOLDERS OF PLANS AND SPECIFICATIONS:

Bren Hall Lab Ventilation, Bren Hall-Building 521

Project No. FM100105S/118-78

**Addendum No. ONE**

August 31, 2010

Enclosed is **ADDENDUM NO. ONE** to the Construction Documents on the above-captioned project.

Bid date has been changed from Tuesday, September 7, 2010 at 2:30PM to **Wednesday, September 8, 2010 at 2:30PM** to be held at:

CONTRACTING SERVICES  
Facilities Management, Bldg. 439,  
Door #E, Reception Counter  
University of California, Santa Barbara  
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.

A handwritten signature in black ink, appearing to read "Anna Galanis".

Anna Galanis

Director, Contracting Services

ADDENDUM NUMBER ONE

to the

Construction Documents  
August 31, 2010

GENERAL

The following changes, additions or deletions shall be made to the following document(s) as Indicated; all other conditions shall remain the same.

I. ADVERTISEMENT FOR BIDS Item No.

1. Second page, first paragraph, CHANGE to read as follows: "Bid Deadline: Sealed Bids must be received on or before 2:30 P.M. **Wednesday, September 8, 2010.** Sealed Bids will be received only at: Contracting Services, Facilities Management, Building 439, Door "E", Reception Counter University of California, Santa Barbara, Santa Barbara, California 93106-1030."

II SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

Item No.

1. Number 4, CHANGE to read as follows: "Bids will be received on or before the Bid Deadline: **2:30 P.M., Wednesday, September 8, 2010** and only at: Contracting Services, Facilities Management, Building 439, Door "E", Reception Counter University of California, Santa Barbara, Santa Barbara, California 93106-1030."

III BID FORM

Item No.

1. REPLACE in it's entirety with attached Revised Bid Form, Revised per Addendum One. Any Bids not submitted on Revised Bid Form, Revised per Addendum One will be rejected.

IV SPECIFICATIONS

Item No.

1. Table of Contents, Division 1, General Requirements, Section 01500, Construction Facilities and Temporary Controls, Page No., **CHANGE** to read "1-5"

Item No.

2. Section 01500, Construction Facilities and Temporary Controls, Part 1, General,, **ADD** "1.04, Control of Airborne Contaminants", pages 01500-3 through 01500-5, attached.

END OF ADDENDUM NO. ONE

REVISED BID FORM

Revised per Addendum One

FOR: Bren Hall Lab Ventilation, Bren Hall-Building 521

FM100105S/118-78

UNIVERSITY OF CALIFORNIA  
SANTA BARBARA  
SANTA BARBARA, CALIFORNIA

August 2010

BID TO: University of California, Santa Barbara  
Facilities Management, Building 439  
Door E, Reception Counter  
Santa Barbara, CA 93106  
(805)893-3298

BID FROM:

\_\_\_\_\_  
(Name of Bidder)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City) (State) (Zip)

\_\_\_\_\_  
(Telephone Number)

\_\_\_\_\_  
(Fax Number)

\_\_\_\_\_  
(Email Address)

DATE BID SUBMITTED

\_\_\_\_\_  
(Date)

**Note: All portions of this Bid Form must be completed and the Bid Form must be signed before the Bid is submitted. Failure to do so may result in the BID being rejected as non-responsive.**

**1.0 BIDDER'S REPRESENTATIONS**

Bidder, represents that a) Bidder and all Subcontractors, regardless of tier, has the appropriate current and active Contractor's licenses required by the State of California and the Bidding Documents; b) it has carefully read and examined the Bidding Documents for the proposed Work on this Project; c) it has examined the site of the proposed Work and all Information Available to Bidders; d) it has become familiar with all the conditions related to the proposed Work, including the availability of labor, materials, and equipment. Bidder hereby offers to furnish all labor, materials, equipment, tools, transportation, and services necessary to complete the proposed Work on this Project in accordance with the Contract Documents for the sums quoted. Bidder further agrees that it will not withdraw its Bid within 90 days after the Bid Deadline, and that, if it is selected as the apparent lowest responsive and responsible Bidder, that it will, within 10 days after receipt of notice of selection, sign and deliver to University the Agreement in triplicate and furnish to University all items required by the Bidding Documents. If awarded the Contract, Bidder agrees to complete the proposed Work within Ninety (90) calendar days after the date of commencement specified in the Notice to Proceed.

**2.0 ADDENDA**

Bidder acknowledges that it is Bidder's responsibility to ascertain whether any Addenda have been issued and if so, to obtain copies of such Addenda from University's facility at the appropriate address stated on Page 1 of this Bid Form. Bidder therefore agrees to be bound by all Addenda that has been issued for this Bid.

**3.0 NOT USED**

**4.0 LUMP SUM BASE BID**

\$ 

--	--

 , 

--	--	--

 , 

--	--	--

 . 

--	--

(Place Figures in appropriate boxes)

**5.0 SELECTION OF APPARENT LOW BIDDER**

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

**6.0 NOT USED**

**7.0 DAILY RATE OF COMPENSATION FOR COMPENSABLE DELAYS (Used As Basis For Award)**

Bidder shall determine and provide below the daily rate of compensation for any Compensable Delay caused by University at any time during the performance of the Work:

\$   ,    .   x **10 MULTIPLIER**

(Place Amount in Figures 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 Contractor entitlement for each day of Compensable Delay caused by University at any time during the performance of the Work and shall constitute payment in full for all delay costs, direct or indirect (including, without limitation, compensation for all extended home office overhead and extended general conditions), of the Contractor and all subcontractors, suppliers, persons, and entities under or claiming through Contractor on the Project. 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.

**8.0 ALTERNATES**

In order for a Bid to be responsive, Bidder must submit an additive bid, a deductive bid, or a "no change" bid, for each Alternate listed below. Bidder shall mark the additive, deductive, or "no change" box for each Alternate. The failure to do so shall result in the Bid being rejected as non-responsive. The failure to quote an amount, unless the bidder marks the "no change" box, will result in the bid being rejected as non-responsive.

The Contract Time will change by the number of days, if any, specified for each accepted Alternate.

Alternate No. 1

Description: Extended warranty for years 2, 3, and 4 to replace sensor suites at six (6) month intervals

as specified in Section 01100, Alternates  
(Alternate Specification Section Number)

Bid for Alternate No. 1

Indicate by marking only **ONE** of the three boxes ("Add," "Deduct," or "No Change") and state the amount, if "Add" or "Deduct" are selected, by placing figures in the corresponding boxes.

<input type="checkbox"/>	<u>Add</u>	\$	<input type="text"/>	<input type="text"/>	<input type="text"/>	,	<input type="text"/>	<input type="text"/>	<input type="text"/>	.	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<u>Deduct</u>	\$	<input type="text"/>	<input type="text"/>	<input type="text"/>	,	<input type="text"/>	<input type="text"/>	<input type="text"/>	.	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<u>No Change</u>	Bidder will perform alternate without change to Contract Sum.										

No extension of time will be granted if this Alternate is accepted;

University reserves the right to accept any Alternate(s) for 30 calendar days after the date University signs the Agreement.





**11.0 BIDDER INFORMATION**

TYPE OF ORGANIZATION:

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

- IF A CORPORATION, THE CORPORATION IS ORGANIZED UNDER THE LAWS OF THE STATE OF \_\_\_\_\_  
\_\_\_\_\_.

NAME OF PRESIDENT OF THE CORPORATION:

\_\_\_\_\_  
(Insert Name)

NAME OF SECRETARY OF THE CORPORATION:

\_\_\_\_\_  
(Insert Name)

- IF A PARTNERSHIP, NAMES OF ALL GENERAL PARTNERS:

\_\_\_\_\_  
(Insert Names)

CALIFORNIA CONTRACTORS LICENSE(S):

\_\_\_\_\_  
(Classification)

\_\_\_\_\_  
(License Number)

\_\_\_\_\_  
(Expiration Date)

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

EMPLOYER IDENTIFICATION NUMBER (EIN):

**12.0 REQUIRED COMPLETED ATTACHMENTS**

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

1. Bid Security in the form of \_\_\_\_\_  
(Bid Bond or Certified Check)

**13.0 DECLARATION**

I, \_\_\_\_\_, hereby declare that I am  
(Printed Name)

the \_\_\_\_\_ of \_\_\_\_\_  
(Title) (Name of Bidder)

submitting this Bid Form; that I am duly authorized to execute this Bid Form on behalf of Bidder;  
and that all information set forth in this Bid Form and all attachments hereto are, to the best of my  
knowledge, true, accurate, and complete as of its submission date.

I declare, under penalty of perjury, that the foregoing is true and correct and that this declaration  
was

executed at: \_\_\_\_\_  
(Name of City if within a City, otherwise Name of County)

in the State of \_\_\_\_\_,

on \_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Signature)

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS:

That we, \_\_\_\_\_

as Principal, and \_\_\_\_\_, as Surety, are held and firmly bound unto THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, hereinafter called THE REGENTS, in the sum of ten percent (10%) of the Lump Sum Base Bid amount for payment of which in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT, WHEREAS, Principal has submitted a Bid for the work described as follows:

Bren Hall Lab Ventilation, Bren Hall-Building 521

FM100105S/118-78

NOW, THEREFORE, if Principal shall not withdraw said Bid within the time period specified after the Bid Deadline, as defined in the Bidding Documents, or within Ninety (90) days after the Bid Deadline if no time period be specified, and, if selected as the apparent lowest responsible Bidder, Principal shall, within the time period specified in the Bidding Documents, do the following:

- (1) Enter into a written agreement, in the prescribed form, in accordance with the Bid.
- (2) File two bonds with THE REGENTS, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by the Bidding Documents.
- (3) Furnish certificates of insurance and all other items as required by the Bidding Documents.

In the event of the withdrawal of said Bid within the time period specified, or within Ninety (90) days if no time period be specified, or the disqualification of said Bid due to failure of Principal to enter into such agreement and furnish such bonds, certificates of insurance, and all other items as required by the Bidding Documents, if Principal shall pay to THE REGENTS an amount equal to the difference, not to exceed the amount hereof, between the amount specified in said Bid and such larger amount for which THE REGENTS procure the required work covered by said Bid, if the latter be in excess of the former, then this obligation shall be null and void, otherwise to remain in full force and effect.

In the event suit is brought upon this bond by THE REGENTS, Surety shall pay reasonable attorneys' fees and costs incurred by THE REGENTS in such suit.

IN WITNESS WHEREOF, we have hereunto set our hands this \_\_\_\_ day of \_\_\_\_\_, 20

Principal

Surety

\_\_\_\_\_  
By: \_\_\_\_\_

\_\_\_\_\_  
By: \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

Address for Notices:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: Notary acknowledgement for Surety and Surety's Power of Attorney must be attached.

#### 1.04 CONTROL OF AIRBORNE CONTAMINANTS

- A. This section is applicable when any of the following tasks are performed in occupied existing buildings and/or where the project will impact occupied existing buildings.
1. Tasks that include chemical mixing on site, including but not limited to epoxy coatings.
  2. Tasks that include spray application.
  3. Welding and soldering tasks.
  4. Tasks that include sanding and grinding.
  5. Tasks that generate visible emissions.
  6. Tasks that generate fugitive dust, chemical vapors, aerosols, fumes and/or other airborne contaminants.
- B. Contractor shall develop detailed work plan(s) for each applicable task. Work plan shall be submitted to the University Representative for review at a minimum of five working days before applicable task is scheduled to commence. Each work plan shall document:
1. Work sequence.
  2. Work area limits of task.
  3. Negative Pressure Containment (NPC) details including isolation of the work area from building's Heating Ventilation Air Condition (HVAC) systems.
  4. Waste transport and disposal procedures.
  5. Material Safety Data Sheets (MSDS) for applicable products.
  6. Applicable training of workers.
  7. Applicable engineering controls (example: ventilation).
  8. Applicable Personal Protective Equipment (PPE) for workers.
  9. Acceptable airborne contaminant levels in and adjacent to the work area.
  10. Exposure monitoring plan for
    - a. Workers performing tasks.
    - b. Migration of airborne contaminants from work area.
  11. Housekeeping procedures.
  12. Work area clearance standards.
- C. Task shall not commence until University Representative has:
1. Reviewed work plan and authorized in writing that the task may proceed.
  2. Inspected NPC.

- D. Contractor shall install, operate and maintain Negative Pressure Containment(s) (NPC) as needed to control fugitive dust, chemical vapors, aerosols, fumes and other airborne contaminants generate by applicable task. NPC(s) shall be designed and built to:
1. Separate the project air space from the building.
  2. Ensure that the campus population and research are protected from airborne contaminants.
  3. Provide adequate ventilation for the work space.
- E. Negative Pressure Containment (NPC): NPC shall meet at a minimum the following specifications.
1. Maintain negative pressure relative to outside pressure throughout the project.
  2. Achieve at least 6 Air Changes per Hour (ACH) and/or a minimum of - 0.02 column inches of water pressure differential, relative to outside pressure.
  3. Differential/Negative pressure shall be documented throughout the project by manometric measurements.
  4. Adequate number of exhaust machine(s) shall be provided, operated and maintained by Contractor to establish a NPC that achieves the required total exhaust in Cubic Feet per Minute (CFM) for 6 ACH as calculated by:
    - a. Total Exhaust CFM =  $\frac{6 \text{ ACH} \times \text{Space Volume (Length}' \times \text{Width}' \times \text{Height}')}{60}$
  5. If dust/fibers/aerosols are generated by the project, the exhaust machines shall be equipped with HEPA filters.
  6. Critical barriers shall be placed over all the openings to the NPC. Air from the NPC shall be exhausted to the exterior of the building. Typical critical barriers shall consist of 6 mil fire resistant poly sheeting.
  7. NPC exhaust shall be done in a way that ensures it will not reenter the building, adjacent buildings or become a hazard to individuals.
  8. NPC shall encompass the work area limits.
- F. University Representative may independently monitor airborne contaminant levels.
1. University monitoring results will take precedent over those of the Contractor's.
- G. If University Representative and/or Contactor monitoring documents that airborne contaminant levels have exceeded those indicated by the work plan and/or applicable regulatory standards, the Contractor, at no cost to the University, shall:
- a. Stop work and institute corrective measures to bring airborne contaminant levels within acceptable limits.
  - b. Resume work only after receiving written approval from the University Representative.

- H. University may independently document that clearance standards, indicated by work plan and/or applicable regulatory standards, have been met.
- I. Contractor shall maintain and operate NPC(s) until applicable clearance standards are met and documented to the satisfaction of the University Representative.
  - 1. Applicable clearance shall be those established by the work plan or applicable regulation.
  - 2. The Contractor, if requested by University Representative, shall:
    - a. Allow University Representative to independently conduct clearance testing.
- J. The NPC(s) shall remain in operation until written permission, from the University Representative, is given to the contractor for removal.