

Amnd. 1

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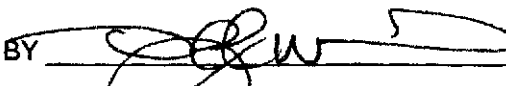
UNIVERSITY OF HAWAII		AMENDMENT OF SOLICITATION	PAGE 1 of 14
1. AMENDMENT NO. 1		3. INVITATION FOR BIDS (IFB) NO. <u>10-0299</u> Dated <u>MARCH, 2010</u> College of Pharmacy Interim Facility Phase 1B, University of Hawaii at Hilo, Hilo, Hawaii, Project No. UHH-2003-001B	
2. EFFECTIVE DATE April 7, 2010			
4. ISSUED BY Director, Office of Procurement and Real Property Management 1400 Lower Campus Road, Room 15 Honolulu Hawaii 96822 BUYER: <u>K. Minato</u>		5. CONTRACTOR (NAME AND ADDRESS)	
6. The IFB referenced above is amended as set forth in block 7. The hour and date for receipt of offers <input type="checkbox"/> is extended <input checked="" type="checkbox"/> is not extended. Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation by one of the following methods: (a) by signing and returning a copy of this amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or facsimile which references: the solicitation and amendment numbers. Failure of your acknowledgment to be received by the Director, Office of Procurement and Real Property Management, prior to the hour and date specified may result in a rejection of your offer. If, by virtue of this amendment, you desire to change an offer already submitted, such change may be made by submittal of replacement bid page(s) in a sealed envelope, provided such envelope makes reference to the solicitation and this amendment, and is received prior to the IFB opening hour and date specified.			

7. DESCRIPTION OF AMENDMENT

Incorporate the attached responses to questions, Request for Substitution, and revisions to PLANS.

EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN BLOCK 3 UNLESS HERETOFORE AMENDED, REMAIN UNCHANGED.

8. THE OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN TO DIRECTOR, OFFICE OF PROCUREMENT AND REAL PROPERTY MANAGEMENT.

9. NAME OF OFFEROR		11. UNIVERSITY OF HAWAII	
BY _____ / _____ (authorized signature) DATE	BY  / 4/07/10 DATE		
10. NAME & TITLE OF SIGNER (TYPE OR PRINT)		12. NAME & TITLE OF SIGNER (TYPE OR PRINT) Duff Zwald, Director, Office of Procurement and Real Property Management	

Amendment No. 1
TO THE PLANS AND TECHNICAL SPECIFICATIONS
FOR
COLLEGE OF PHARMACY INTERIM FACILITY PHASE 1B
UHH-2003-001B
April 7, 2010

The items listed herein are hereby made a part of the contract for the above project and shall govern the work, taking precedence over previously issued plans and specifications governing the items mentioned:

REQUEST FOR CLARIFICATION

1. Panel schedule for new electrical work for buildings A,B,C

RESPONSE: The Panel Configuration and Schedules shall be designed by the Modular Building Fabricator or the Permitting Electrical Engineer as applicable.

2. On electrical plan, what is the definition of symbol HS, HT?

RESPONSE: The symbol "HS" represents Humidistat Sensor. The symbol "HT" represents Humidistat Touchpad.

3. Electrical plan E-1, attic light is it a pull chain?

RESPONSE: A switch shall be provided in the proximity of the adjacent air handling unit.

4. Building A/B is it an addition to the existing building, are we doing electrical work in the clouded area only, or the cloud indicates the extension.

RESPONSE: The clouded areas typically identify the new work required for the construction of the addition. Work may be required outside of the clouded areas as required for tie-ins to existing building systems or to modify the existing structure to receive the new addition

5. Are we able to use ALU, Steel Flex and M cable, under section 16050-6?

RESPONSE: The allowable cabling shall be determined by the electrical codes applicable to the type of construction selected by the bidding general contractor. ie. Prefabricated Modular or Site Constructed.

6. What type of connector/coupling, set screw or compression per 16050-6?

RESPONSE: Compression Fittings are the University Standard.

7. Section B wiring system, Section 16050-10, Note 11: do we need to do for each conduit run?

RESPONSE: The requirement for insulating bushings as stated in the specifications for "each and every conduit run" applies to all new work included in this project.

8. Section 1 warning type section 16050-13 does it have to be the detectable type?

RESPONSE: Detectable warning tape is required.

9. Mandrel test besides utility, does the University need to be present of inspection?

RESPONSE: The University may witness random mandrel tests. Certification of compliance from the Electrical Contractor will be required for the non witnessed tests.

10. Is the modular section and building come completely finished with all electrical and we just need to provide power and homerun wiring?

RESPONSE: This question needs to be addressed to the Bidding Contractor and their Modular Provider.

11. Spec section 11610 provides requirements for laboratory fume hoods, but it appears from drawing LF1.0 that no fume hoods are required for this project. Please confirm.

RESPONSE: No Fume Hoods are required for this project.

12. General Note 5 on LF3.0 calls for all reagent shelves to be Trespa, while section 18 on LF4.0 calls for these same shelves to be plastic laminate. Please clarify which is required. We will provide plastic laminate unless directed otherwise.

RESPONSE: Reagent shelves shall be compliant with Specification Section 12360 Part 2.03 Paragraph C.2.

13. Section 12360, paragraph 2.04.A.1 describes the uprights at the reagent racks as being 1-1/2" x 6" steel with access panels. Section 2 on LF4.0 shows 1-1/2" diameter round tube uprights instead. Please clarify which type of upright to provide at the island benches. We will assume the 1-1/2" diameter round tube uprights per the drawings are required unless directed otherwise.

RESPONSE: Provide 6" diameter uprights in quantities and locations sufficient to accommodate raceways for power and data wiring mounted beneath the upper cabinets.

14. Detail 4 on LF4.0 has a note that says "Add 24 inch wide side mounting board at all racks per 9/LF3.0". Please clarify what this means. 9/LF3.0 does not show a side mounting board. The other elevations on LF3.0 that show pegboards also do not show this side mounting board. We will not provide the side mounting board based on these elevations unless directed otherwise.

RESPONSE: Include the Side Mounting Board at all sinks where the peg board is indicated.

15. Detail 10 on LF4.0 references Detail 11/A9.5 for the seismic lips on the shelves. There is no drawing A9.5 as part of this set. Please clarify.

RESPONSE: Detail 10 on LF4.0 should be corrected to reference Detail 16/LF4.0 for the Seismic Lip.

16. The Sink Schedule on drawing LF1.0 lists 3 different sizes for the epoxy resin sinks (SK1, SK2 and SK3). The sinks shown in rooms C9, C11 and C12 are not labeled to match this sink schedule. Also, the sinks in these rooms scale off at approximately 22" x 16" and 14" x 14" (room C11). Neither of these sizes match any of the sinks on the sink schedule. Please clarify which sink types and sizes to use in these 3 rooms.

RESPONSE: Please include Sink SK1 Keynoted as #4 for all sinks in Room C9 - Pharmaceutical Lab, except the ADA Compliant sink which will be only 5" deep Keynoted as #4A. The Sink in Room C12- Pharm. Lab Storage, shall be type SK3 Keynoted as #18. The Sink in Room C11 – Pharmacy Practice Lab, shall be type SK2 Keynoted as #13.

17. Spec section 12360, paragraph 2.04.F.2 calls for black polypropylene pegs in 5", 6-112" and 8" lengths at the pegboards. Detail 4 on LF4.0 calls for white polyethylene pegs at 6" and 4" lengths for the same pegboards. Please clarify which is required. We will provide white pegs at the pegboards per 4 on LF4.0 unless directed otherwise.

RESPONSE: Please provide pegs per the Detail 4 on LF4.0 in the color black.

18. Plan Page LF- 1.0 shows Floor Plan #2 as Alternate 1 & Alternate 2 and floor Plan #3 as Alternate # 1.

There are no Alternates listed in the Proposal/ Bid Documents.

Does this project have any Alternates?

RESPONSE: There are no Alternatives in this solicitation. Both details 2/LF1 and 3/LF1 are included in the base bid.

19. Plan Page LF-3.0 shows, at the top of the page, elevations #4, 5, 6, 7 & 8 for a Typical Research Lab but there are no Research Labs shown on the floor plan - Sheet LF-1.0.

Are there any Research Labs on this project?

RESPONSE: There are not any Research Labs included in this solicitation. Elevations #4,5,6,7,8 & 9 are not applicable to this project.

20. Section 11610 is for Laboratory Fume Hoods but the fume hoods (note #7 on LF-1.0) indicates that the four fume hoods are "Provided by Owner". It should be noted that elevations #4, 5, 6, 7 & 8 (see@ 2 above) show some fume hoods but it is unknown if these views are part of the project. Are there any Contractor Furnished / Contractor Installed Fume Hoods on this project?

RESPONSE: There are not any Research Labs included in this solicitation. Elevations #4,5,6,7,8 & 9 are not applicable to this project. No Laboratory Fume Hoods are to be provided or installed in the project. .

21. We are requesting for clarification on the captioned project under the sections listed below as it states "Such repairs or replacement shall be made by the Contractor or his surety, free of all expense to the University."

1. Section 16050 Basic Materials and Methods, Subsection 1.03. Guarantee and Certificate

2. Section 16500 Lighting, Subsection 1.03 Guarantee and Certificate

3. Section 16700 Telecommunications, Subsection 1.03 Guarantee and Certificate.

We are requesting that "or his surety" be removed because unlike the contractor, the surety is not a party to the contract between the University and the Contractor, The surety would be required to perform under the warranty when a formal claim is made under the bond.

We are requesting that these provisions be revised in the specifications prior to the project's bid date.

RESPONSE: This language will not be modified.

22. Sheet LF1.0 "Keynotes" item No.8 PLUGSTRIP, PROVIDE POWER & DATA EVERY 3'-0" O.C. and item No.10 UNDERSHELF TASK LIGHTING. Does these come furnished and installed with the case work? Specifications and plans do not indicate or describe type of plugstrip or light fixtures for the case work. If these are provided by the electrical contractor please provide specifications and light fixture schedule.

RESPONSE: The PLUGSTRIPS shall be provided and installed by the Electrical Contractor. The PLUGSTRIPS shall be Legrand Wiremold Series 4000 Large Raceway or equal. These shall be mounted underneath the Upper Cabinets per detail 2/LF4.0. The lighting fixture shall be Lightolier Task Lighting TCF Series or equal.

23. Sheet E-3.3 building 'C' signal plan note No.1. Please provide the size of conduit required for the plugstrip data outlets in pharmaceutical lab C9. Plan indicates one data and one power outlet every 3'-0" O.C. How many cat 6 UTP cables are required for each data outlet? For example, if there are (4) data outlets will (1) cat 6 cable be sufficient for each outlet? Sheet E-4.4 building 'C' telecommunications riser diagram do not indicate cat 6 cabling for room C9.

RESPONSE: Each data outlet shall include 1 ea. data outlet fed by 1 ea. cat 6 cable. The conduit size shall be determined by the size and quantity of conductors per the NEC. Include the data cabling requirement on Sheet E-3.3 in addition to the data cabling identified on sheet E-4.4. All data outlet instances in lab areas are single port outlets.

24. Electrical sheets E-1 (all buildings), sheet E-2.1, E-2.2, E-2.3 does not have any circuit designations for electrical outlets, fixtures, equipment, etc. Also no panel schedules are provided for new and or existing circuits. Electrical sheets are showing electrical symbols only (no circuitry). Will circuit designations and panel schedules be provided? If not who is to determine how many circuits, amperage rating of circuits etc. required for each building?

RESPONSE: The Circuit Configuration, Panel Configuration and Schedules shall be designed by the Modular Building Fabricator or the Permitting Electrical Engineer as applicable. These will not be provided as part of the bid solicitation.

25. Sheet E-4.1 One-line diagram is showing panel '2BB' as new. Is this correct as this is shown as existing on sheet E-1 building 'B' and sheet E-2.2?

RESPONSE: Panel 2BB is not in place. Panel 2BB is to be installed as part of the new work to provide power for the addition to Building B.

26. Light fixture schedule shown on sheets E-1 (all buildings) are very blurry and unclear. Can a new clearer fixture schedule be provided?

RESPONSE: The Lighting Fixture diagram is attached as requested for greater clarity.

27. Relocating of existing electrical for AC units and convenience outlet is it to be relocated? Where on the drawings on E-1 Building B addition AC units #4, 5 and 6 with the exterior plug shows

RESPONSE: The existing compressor units to be relocated shall be placed on the West side of Building B between the sidewalks. The new compressor units shall be located on the North side of Building B.

28. Does the modular come data/telecom complete or do we do the entire work on the addition?

RESPONSE: This question needs to be addressed to the Bidding Contractor and their Modular Provider.

29. Does the modular come FA complete or do we do the entire work on the addition?

RESPONSE: This question needs to be addressed to the Bidding Contractor and their Modular Provider.

30. Could we have the information from the modular provider? What are they providing so we know what to bid on?

RESPONSE: The Modular Provider, if that option is selected by the Bidding Contractor, will be determined by the Bidding Contractor.

31. Are we able to use low voltage premium-rated cables in above ceiling space and are we able to run wires as open wires in ceiling space?

RESPONSE: Low voltage cables may be run above the ceilings without conduit provided adequate independent supports are provided.

32. Do we need to install the low voltage wires, data, communication & FA in conduit or only in wall space?

RESPONSE: All low voltage wiring in concealed spaces including walls shall be in conduit.

33. Are we able to run electrical wiring under modular?

RESPONSE: Yes.

34. Will current buildings be occupied, and will a/c need to be maintained during construction?

RESPONSE: Yes, existing buildings will be occupied during construction. Contractor is responsible for identifying and coordinating shutdown periods for a/c and utilities, preferably during weekends or holidays.

35. Will the pre-bid sign in sheet be provided?

RESPONSE: Yes, the pre-bid sign in sheet, and pre-bid meeting agenda is included in Amendment No. 1.

36. Is it the General Contractor's responsibility or individual subcontractor's responsibility to factor all costs associated with design and permitting?

RESPONSE: It is the General Contractor's responsibility to coordinate with subcontractors.

37. Clarify interior ADA accessibility and ADA entrance to buildings.

RESPONSE: For Building B, if the field constructed option is selected, the finish floor level for the addition shall be the same as the existing building with the exception of the Lecture Hall. The Lecture Hall "Classroom #2" will be constructed with a stepped tier floor that begins at the existing Building B Finish Floor Elevation on the East side of the room and steps down in 5 ea. equal height step down levels to the specified top of concrete finish floor level on the West side of the building. ADA compliant access to the upper eastern level will be provided by the existing ADA compliant ramp. ADA access to the lower western level of the Classroom #2 will be provided by the new exterior concrete walk. The top and bottom tiers will be approximately 12'-0" in depth and the 4 ea. intermediate levels will be approximately 8'-6" deep. The ceiling height will match the existing ceiling height in Classroom #1.

APPROVED SUBSTITUTION REQUEST:

<u>SECTION ITEM</u>	<u>SPECIFIED BRAND</u>	<u>SUBSTITUTION OR ALTERNATE BRAND</u>	<u>VARIANT FEATURES</u>
12360- Laboratory Casework	Advanced Lab Concepts, Hamilton	Campbellrhea as manufactured by Institutional Casework, Inc.	None

SPECIFICATIONS:

None

DRAWINGS:

Added detail shown on Sketch No. 1, Amendment No. 1

University of Hawaii at Hilo

Facilities Planning and Construction

200 W. Kawili St, Hilo, HI 96720

Phone: (808) 974-7595

Fax: (808) 974-7609

Email: thl@hawaii.edu

Date: March 31, 2010 10:00 AM

Location: UHH, Institute for Astronomy, Meeting Room #131, 640 N. Aohoku Place, Hilo, HI 96720

Pre-Bid Meeting Agenda

College of Pharmacy Interim Facility Phase 1B

University of Hawaii at Hilo

IFB No. 10-0299

1. GENERAL HOUSEKEEPING.....UHH Facilities Planning & Construction
 - a. Sign-in Sheet w/ full contact information
 - b. Bathroom Locations
 - c. Cell Phones off
 - d. Review of the Agenda
 - e. Notes

2. PURPOSE OF MEETING..... UHH Facilities Planning & Construction
 - a. Emphasize the project timeline
 - b. Provide prospective bidders an opportunity to ask initial questions about project
 - c. Clarify some of the important and unique items related to this project
 - d. Emphasize that all discrepancies will be clarified by issued Addendums
 - e. Conduct a site visit

3. INTRODUCTION.....All
 - a. University
 - b. Contractors

4. SCHEDULE..... UHH Facilities Planning & Construction
 - a. April 5, 2010 (4:00pm) Deadline to submit all RFIs / RFSs to Ted LeJeune
Email or fax to Ted LeJeune (thl@hawaii.edu or(808) 974-7609) in
RFI format provided
 - b. April 8, 2010 (4:00pm) Last response issued regarding RFIs / RFS and addendum.
 - c. April 15, 2010 (2:30pm) Deadline for bid submittal
(Due at OPRPM or to Ted LeJeune)
 - d. April 19, 2010 (2:30pm) Bid opening
 - e. May 24, 2010 Anticipated contract award date

5. SCOPE OF WORK..... UHH Facilities Planning & Construction

a. General Project Scope

- The project shall in general consist of a complete addition to Building A, complete addition to Building B, and a complete new Building C to include but not limited to, wood framed building set on concrete or concrete masonry piers with wood siding, composite shingles, vinyl windows, steel and wood doors, gypsum board and acoustical ceilings, vinyl composition tile, vinyl sheet flooring, painting, toilet partitions, laboratory equipment, mechanical, including air conditioning and ventilation, electrical, including telecommunications and fire alarm systems, and related work, as called for on the Plans and Technical Specifications.

- Contractor shall have the option to construct in place with slab on grade in lieu of prefabricated buildings. The following notes apply if the Contractor takes this option:

1. The Contractor shall make all necessary adjustments as required to provide equivalent performance to all plans and specifications and meet all applicable codes.
2. Building A shall be post and pier construction with finish floor elevation equal to the existing Building A finish floor elevation. The roof ridge line and eaves shall match the existing.
3. Building B shall be slab on grade construction with finish floor elevation of 297.5'. The roof ridge line and eaves shall match the existing.
4. Building C shall be slab on grade construction with finish floor elevation of 296.5'.
5. All slab on grade construction shall include:
 - a. 5" thick 3000 PSI concrete with 6x6 W1.4/1.4 welded wire fabric.
 - b. A vapor barrier on 6" thick compacted gravel with Soil Treatment for Termite Control.
 - c. 12" X 12" 3000 PSU concrete grade beams under all perimeter and load bearing walls with 4 ea. continuous #5 re-bars and #3 stirrups at 24" O.C.

- The contractor shall be responsible to include all Architectural and Engineering design and costs as required to obtain all permits required to construct the project. This is required for both the modular and conventional construction options

b. Plan Review (Drawing Index Attached)

- Architectural, Site and Structural
- Mechanical, Plumbing and Electrical
- Laboratory Equipment
- Questions

- 6. INVITATION FOR BIDS..... UHH Facilities Planning & Construction
 - a. Specification and Provision Package
 - Valid State of Hawaii contractor’s license B
 - Complete work within three hundred (300) days
 - Project Site Scheduling
 - Design Work for Permitting
 - Permitting
 - Off-Site Fabrication
 - On-Site Construction
 - No designated equipment area
 - b. Liquidated Damages
 - Assessed at \$1,000 per day for completion after the Contract Completion Date.
- 7. SUBMITTALS..... UHH Facilities Planning & Construction
 - a. Contractor shall make the following submittals:
 - In accordance with Specification Section 01300 “SUBMITTAL LIST” (Table Attached)
- 8. CM INSPECTION SCHEDULE..... UHH Facilities Planning & Construction
 - a. First Meeting
 - University will schedule pre-construction meeting AFTER receiving schedule for operation and MSDS from the awarded Contractor
- 9. QUESTIONS.....All
- 10. SITE VISIT.....Optional

PRE-BID CONFERENCE/JOB SITE WALK-THROUGH MEETING

IFB/RFP NO.: 10-0299 PROJECT NO.: UHH-2003-001B DATE: 03/31/2010

PROJECT NAME: COLLEGE OF PHARMACY INTERIM FACILITY, PHASE 1B

PLACE & TIME: INSTITUTE FOR ASTRONOMY, MTG ROOM 131

PLEASE PRINT CLEARLY

NAME	E-MAIL ADDRESS	COMPANY	PHONE NO.	FAX NO.
1. JOHN DILL	john.dill@us.llh.com	Peter, Leah, Bucknell	960-2979	883-3323
2. MIKE RAEBIGS	mraebig@willscot.com	Hawaii Measure Spec	479-3870	791-2080
3. Gerard Randa	gerard.randa@construction.net	Geo Construction	966-4582	966-4244
4. Mike Lopez	mike@mei.corporation.net	MEI Corp.	430-0123	865-1123
5. DRUWIN CHAKRAS	mcs@groypbuilders.net	Group Builders	478-1376	832-0895
6. Romeo Vera	rvera@nanahawaii.com	Nan Inc.	808-842-4929	808-844-8281
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12. Lester Bendallian	lesterb@hawaii.ir.com	Constructors Hi. Inc	960-5229 cell 955-2865 off.	961-6314

PRE-BID CONFERENCE/JOB SITE WALK-THROUGH MEETING

IFB/RFO NO.: 10-0299 PROJECT NO.: UHH-2003-001B DATE: 03/31/2010

PROJECT NAME: COLLEGE OF PHARMACY INTERIM FACILITY, PHASE 1B

PLACE & TIME: INSTITUTE FOR ASTRONOMY, MTG ROOM 131

PLEASE PRINT CLEARLY

NAME	E-MAIL ADDRESS	COMPANY	PHONE NO.	FAX NO.
13. Gilbert Aquinaldo	BigSoundTechnical@gmail.com	BigSoundTechnical Louisville	965-5554	965-5501
14. Russell Bailey	r.bailey@jacobsonconstruction.com	Jacobson Construction	801-301-8568	
15. Lloyd Nomura		Stahl's Contracting Inc	935-2566	935-0702
16. Paul Milby	Laura@alan-skiptoni.com	Alan Skiptoni Inc.	841-7631	841-0014
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