

UNIVERSITY OF HAWAI'I	<b>AMENDMENT OF SOLICITATION</b>	PAGE 1 of 6
1. AMENDMENT NO.  1	3. INVITATION FOR BIDS (IFB) NO. <u>24-7364</u> Dated <u>JANUARY, 2024</u>  FURNISH AND DELIVER ALUMINUM BOAT AND TRAILER FOR UNIVERSITY OF HAWAII AT HILO, HILO, HAWAII	
2. EFFECTIVE DATE  January 31, 2024		
4. ISSUED BY Director, Office of Procurement Management 1400 Lower Campus Road, Room 15 Honolulu Hawai'i 96822 BUYER: <u>K. Minato</u>	5. CONTRACTOR (NAME AND ADDRESS)  N/A	

6. The IFB referenced above is amended as set forth in block 7. The hour and date for receipt of offers  is extended  is not extended. This amendment is attached to HlePRO solicitation B24001385 for distribution and acknowledgement purposes.

7. DESCRIPTION OF AMENDMENT

- A. The University's response to questions is attached hereto and made a part hereof.
- B. TECHNICAL SPECIFICATIONS pages 4 & 5 shall be replaced with AMENDMENT NO. 1 TO IFB NO. 24-7364, REVISED Page 4 and REVISED Page 5.

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

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## **Questions and Responses for solicitation: IFB No. 24-7364 to Furnish and Deliver Aluminum Boat and Trailer for University of Hawaii at Hilo**

### **1. What type of boat are you looking for “V” or Mod “V” Landing Craft etc?**

The University is interested in either monohull or twin hull, thus there is no required beam to accommodate for bids using either hull design. The boat needs to be capable of handling offshore Hawaiian waters and safe to operate in rough conditions.

### **2. What is the Capacity/ Payload needed?**

The largest labs require 18 students and need 4 staff, so the boat needs to be able to handle a capacity of 22 individuals conducting operations safely and comfortably.

### **3. How wide of a beam do you need?**

There is no specific length required but the beam must be reasonable to support payload and handle open ocean conditions.

### **4. Hull Specs?**

The boat length range is provided in the bid, the width and other specs must be reasonable for the proposed length to ensure the boat is stable, capable of handling rough offshore conditions, and can comfortably support the capacity required for lab classes.

### **5. Beam Width?**

Please see response to question 3.

### **6. Are there any height restrictions?**

The boat must be able to go under the Wailoa bridge, thus the height from waterline to the top of the boat cannot be over 14 feet. No flybridge is requested for this reason.

### **7. Is there an engine brand preference, mechanical or digital controls?**

We would prefer Suzukis with either control system but are open to any options provided by the bids. There is no required preference for this.

### **8. Electronics Brand preference?**

We would prefer Garmin but there is no required preference for this.

### **9. How many people will need to fit inside the cabin?**

There should be bench seating that can accommodate 6 people in the cabin so they can perform charting. There must be two captains' seat at the helm. A total of 8 people should be able to be in the cabin.

**10. Could you provide more details and spec on the fly bridge?**

Flybridge is not required.

**11. Could you please provide more details and specs on the galley?**

We just need a basic functional setup that allows students to do charting and computer operations in the galley area. There must be at least two benches (to seat a minimum of 6 in addition to the two captains seat at the helm) with the ability to have a table placed in the galley to charting activities.

**12. Is an aluminum I-Beam Trailer acceptable?**

Galvanized steel is required.

**13. Do you need surge disc brakes or electric over hydraulic brakes on the trailer?**

Either would be acceptable as long as they are compliant with Hawaii State Laws for trailers. See Hawaii Administrative Rules § 19-133.2-40: <https://hidot.hawaii.gov/highways/files/2021/09/133.2-sgnd-by-Gov-electric.pdf>

**14. Should the vendor provide warranty work and maintenance in the state of Hawaii?**

At least a 5-year warranty is required for the hull, encompassing structural defects and construction issues. Any required warranty and maintenance work must be able to be conducted within the state of Hawaii.

Standard manufacturer warranty required for the engines. Any required warranty and maintenance work must occur within the state of Hawaii.

Standard manufacturer warranty required for all new electronic components.

**15. Should the vendor conduct customer attended sea trials prior to delivery of vessel?**

Yes, this would be preferred.

**16. Should the customer have the ability to visit the vessel during construction?**

Yes, this would be preferred. Pictures of the construction progress would also be preferred.

**17. It is standard in our industry when building a vessel for the contract to include milestone payments. Why are they not being offered on a contract of this size?**

UH Hilo is requiring the standard university payment policy and state statute on this contract (§103-10, HRS). Payment in full shall be processed upon receiving a complete product that is fully compliant with our requirements and has a "complaint" Hawaii Compliance Express certificate.

**18. How many seats should be provided for students?**

We can have up to 18 students. Fold down bench seats along the gunnels to accommodate at least 10 students. This seating is in addition to the seating for 6 inside the pilot house.

19. **Gunnel racks for storing equipment is asked for, what types and or sizes of equipment will need to be stored?**

No specific specifications, but basic storage such as gunnel racks or mounting locations for boat hooks would be preferred.

TECHNICAL SPECIFICATIONS

This section indicates the Technical Specifications for the aluminum boat and trailer required. The Technical Specifications listed herein are the minimum requirements and are mandatory for an accepted bid.

**A. ALUMINUM BOAT**

1. Furnish and Deliver ONE (1) aluminum boat with all new propulsion, steering, electrical and mechanical components as follows:
  - a. Shall be new or pre-fabricated and 32 – 36 feet in length and no more than 14 feet in height from the waterline to the top of the boat.
  - b. Shall be monohull or twin hull.
  - c. Shall be able to handle a capacity of TWENTY-TWO (22) individuals conducting operations safely and comfortably.
  - d. Shall be in excellent working order with no visible damage, no visible wear and tear, no visible corrosion, and no more than 50 hours at sea. Bidder shall provide survey to certify condition.
  - e. Boat shall be fabricated with aluminum.
  - f. Shall be equipped with walk around pilot house cab.
  - g. Shall have new steering system and throttle controls at all helms.
  - h. Must have a minimum of TWO-HUNDRED (200) gallons in-board fuel tank capacity.
  - i. Must have a minimum THIRTY (30) gallon freshwater hold with an accessible spray nozzle on deck.
  - j. Must be powered by all new components (12V batteries with battery switches, switchboard, fuses, and inverters all installed to run on-board electronic systems).
  - k. Shall be equipped with new Inverter capable of running computers and scientific electronic devices (e.g. Xantrex 1000).
  - l. Shall be equipped with TWO (2) captains' chairs at all helms.
  - m. Shall have fold down bench seats along the gunnels to accommodate a minimum of TEN (10) individuals.
  - n. Must have swing davit mounted on gunnel with new self-tailing electric winch.
  - o. Shall have installed and new functional VHF radio, EPIRB, GPS chartplotter with 7-10 inch screen, Sonar, and stereo.
  - p. Pilot house cab must include a galley area for storage and table for chart plotting.
  - q. Shall have a minimum of TWO (2) benches which seats a minimum of SIX (6) individuals in the galley.
  - r. Shall be equipped with swim step ladder onto transom extension for outboard engines.
  - s. Must have in-deck fish boxes for storage.
  - t. Must have a flush deck with gunnel racks for storing equipment.
  - u. Length overall (LOA) and Beam must be sized to allow for storage and transportation on provided triple axle trailer.
  - v. Shall include a 5-year warranty for the hull, encompassing structural defects and construction issues. Any required warranty and maintenance work must be conducted within the State of Hawaii.
2. Furnish and Deliver ONE (1) triple axle trailer as follows:
  - a. Shall be new and fit the aluminum boat offered under Item No. 1.

- b. Shall be made of galvanized steel with torsion axles with weight capacity to support offered aluminum boat with all installed equipment and an additional ONE-THOUSAND (1000) pounds. Preferably pressure sealed hubs (e.g. Dexter Vault Hubs).
  - c. Shall have either disc brakes or electric over hydraulic brakes which are compliant with Hawaii State Laws for trailers.
  - d. Must be legal to use in Hawaii with lights installed and manufacturer number stamped on tongue. All lights, brakes and configurations must be compliant with both federal and Hawaii State laws.
  - e. Must have all couplers and electrical plugs installed and ready for use.
  - f. Shall have a standard manufacturer warranty.
3. Furnish, Deliver, and Install TWO (2) twin outboards, controls and hydraulic steering as follows:
- a. Shall have TWO (2) 300-350 horsepower outboard engines for propulsion installed in the aluminum boat offered under Item No. 1.
  - b. Both engines shall be new with standard manufacturer warranty. Any required warranty and maintenance work must be conducted within the State of Hawaii.
  - c. Must have all cable or remote throttle controls and LED tachometers installed.
  - d. Must have Sea Star Hydraulic Steering or equivalent system.

B. SEA TRIALS

The University shall have the option to attend sea trials of the vessel. All travel expenses related to the visit shall be the responsibility of the University.

C. PROGRESS OF VESSEL CONSTRUCTION

The Contractor shall provide the University with pictures of the vessel during construction. The Contractor shall work with the University to determine the benchmark(s) for which pictures shall be provided.

D. DELIVERY

The completed boat shall be delivered to University of Hawaii at Hilo, Department of Marine Science, 200 W. Kawili Street, Hilo, Hawaii 96720 within TWENTY-FOUR (24) months from the Notice to Proceed date.

All questions pertaining to the Technical Specifications must be submitted electronically through HlePRO. Questions must be submitted by **January 26, 2024**. Responses will be posted on **January 31, 2024**.

The University may refuse to answer any questions received outside of HlePRO or after the Questions/Answers deadline.

**Bidders are cautioned to review the Technical Specifications carefully and thoroughly. Objections to or requests for clarification of the specifications shall be made through HlePRO as a Question or in writing in accordance with the General Provisions to the Office of Procurement Management prior to the submittal of a bid. The submittal of a bid shall be considered as acceptance of the specifications as published.**