

UNIVERSITY OF HAWAII		AMENDMENT OF SOLICITATION	PAGE 1 of 5
1. AMENDMENT NO. 1	3. INVITATION FOR BIDS (IFB) NO. <u>24-750</u> Dated <u>MARCH, 2024</u> FURNISH AND DELIVER ALUMINUM BOAT AND TRAILER FOR UNIVERSITY OF HAWAII AT HILO, HILO, HAWAII		
2. EFFECTIVE DATE April 10, 2024			
4. ISSUED BY Director, Office of Procurement Management 1400 Lower Campus Road, Room 15 Honolulu Hawaii 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 B24002062 for distribution and acknowledgement purposes.

7. DESCRIPTION OF AMENDMENT

- A. The University's response to questions have been incorporated herein and attached hereto.
- B. TECHNICAL SPECIFICATIONS Pages 4 – 6 shall be replaced with AMENDMENT NO. 1, IFB 24-750, REVISED pages 4 – 6.

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 for solicitation: IFB 24-750 to Furnish and Deliver Aluminum Boat and Trailer

1. What are the minimum fish box dimensions?

Response: 3-ft x 7-ft would be the minimum size for the fish box. The IFB technical specifications have been revised to incorporate this fish box requirement.

2. Are drains and macerator pumps required for the fish boxes?

Response: Drainage is not required but preferred. Macerator pumps are not required.

3. Is there a requirement for interceptors or trim tabs for ride control such as the Seakeeper Ride system or Zipwake system?

Response: No specific requirements, the need for trim tabs should be dependent on the boat design and included if needed to ensure the boat is effectively able to plane and stabilize.

4. Will a Seakeeper stabilizer be necessary for operations?

Response: This is not required.

5. Do you have a need for lighting (i.e. deck lights, flood lights, search light, courtesy lights, cabin lights [red & white])?

Response: Yes, basic lighting systems are necessary to meet USCG requirements and deck/cabin lights should be included to facilitate operations in low light or nighttime. The IFB technical specifications have been revised to include this requirement.

6. Is a head/bathroom required for the vessel?

Response: No, a head is not required

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) new aluminum boat with all new propulsion, steering, electrical and mechanical components as follows:
 - a. Shall be new 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 built to United States Coast Guard (USCG) subchapter-T standards (<https://www.ecfr.gov/current/title-46/chapter-I/subchapter-T>) and able to be certified by the USCG. Final drawings shall be provided and must be certifiable by USCG. Drawings of the structural aspects of the vessel that show how the design meets the bid requirements must be provided within 14 days of request or provided in the bid package.
 - c. Shall be a model/design originally manufactured for and designed to work as a scientific research platform (i.e., shall NOT be modified from a non-scientific research or recreational platform).
 - d. Shall be a model/design that has been in production specifically for scientific research purposes for a minimum of 5 years and has proven to function effectively.
 - e. Shall be monohull or twin hull.
 - f. Shall be able to handle a capacity of TWENTY-TWO (22) individuals conducting operations safely and comfortably.
 - g. Boat shall be fabricated with aluminum.
 - h. Shall be equipped with walk-around pilot house cab with a fore deck at the main deck level.
 - i. Shall have new steering system and throttle controls at the helm.
 - j. Must have a minimum of TWO-HUNDRED (200) gallons in-board fuel tank capacity.
 - k. Must have a minimum THIRTY (30) gallon freshwater hold with an accessible spray nozzle on deck.
 - l. Must be powered by all new components (12V batteries with battery switches, switchboard, fuses, and inverters all installed to run on-board electronic systems).
 - m. Pilot house cabin shall be equipped with new inverters and electrical capacity to run multiple computers and electronics for scientific purposes (e.g. Xantrex 1000).
 - n. Shall be equipped with TWO (2) captains' seats at the forward facing helm.
 - o. Pilot house cabin must include a galley area that includes storage.
 - p. Galley area shall be configured to enable chart plotting and computer-based activities with a work desk/table area with seating for a minimum of FOUR (4) individuals and at least ONE (1) longitudinal bench with seating for a minimum of TWO (2) individuals. There shall be an open walkway in the middle to allow passage from the helm to the aft deck. Collectively, there shall be room for at least SIX (6)

people in addition to TWO (2) individuals in the captains' seats.

- q. Back house wall of the pilot house cabin shall have doors or a removable covering system to enable it to be fully open to the aft deck.
- r. Shall have fold-down bench seats along the gunnels to accommodate a minimum of TEN (10) individuals.
- s. Must have swing davit mounted on gunnel with new self-tailing electric winch. Swing davit must have at least a 500-lb capacity and be wired to the on-board electrical system. The gunnel engineering and design must be suitable for scientific research purposes and capable of handling the weight and payload of the swing davit system.
- t. Shall have installed and new functional VHF radio, EPIRB, GPS chartplotter with minimum diagonal screen size of 11 inches, Sonar, and stereo (Garmin preferred, but not required).
- u. Shall be equipped with swim step ladder onto transom extension for outboard engines.
- v. Must have in-deck fish box with minimum dimensions of 3 feet x 7 feet for storage.
- w. Must have a flush deck with gunnel racks for storing equipment.
- x. Length overall (LOA) and Beam must be sized to allow for storage and transportation on provided triple axle trailer.
- y. Shall be equipped with basic lighting system to meet USGC requirements and deck/cabin lights to facilitate operations in low light or nighttime.
- z. Shall include a minimum 5-year original manufacturer warranty for the hull, encompassing structural defects and construction issues. Any required warranty and maintenance work must be conducted within the State of Hawaii. Warranty must be provided by the manufacturer or an authorized reseller.

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 surge disc brakes or electrical 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 of Hawaii at Hilo 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's TRPO with pictures of the vessel during construction. The Contractor shall work with the University's TRPO 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 **April 4, 2024**. Responses will be posted on **April 10, 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.