

STATE PROCUREMENT OFFICE
NOTICE & REQUEST FOR SOLE SOURCE

1. TO: Chief Procurement Officer
2. FROM: DLNR/Division of Aquatic Resources/Kona
Department/Division/Agency

Pursuant to §103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

<p>3. Description of goods, services, or construction:</p> <p>Glacier Bay 2665 Canyon Runner Catamaran 26' 1" Length 8'9" Beam Twin Yamaha F150 Four Stroke Outboards EZ Loader Galvanized Steel Trailer w/ Brakes and Brake Bath Aluminum After Market T Top Dealer Prep. Boat Registration Ramp Fee FOB Honolulu</p>		
<p>4. Vendor Name: <u>Windward Boats Inc.</u> Address: <u>789 Kailua Rd.</u> <u>Kailua, HI 96734</u></p>	<p>5. Price: <u>\$103,000</u></p>	
<p>6. Term of Contract: (mm/dd/yyyy) From: <u>12/3/07</u> To: <u>1/1/08</u></p>	<p>7. Prior Sole Source Ref No. _____</p>	
<p>8. Feature: The good, service, or construction has the following unique features, characteristics, or capabilities:</p> <p>26' length, twin displacement hulls, foam filled double bottom hull, vinylester and isothalic laminating resins, UV stabilized gelcoat, self bailing center console cockpit, glass windshield, dual independent battery and fuel system, extended swim platform, freshwater system, saltwater washdown, twin 150 HP Yamaha engines, aluminum T-top, Hawaii dealership, lifetime hull warranty.</p>		
<p>9. Essential features. How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work: Based on 10 years of field experience and over 37,000 sea miles, we have found a catamaran style vessel provides the best combination of workability, stability and safety for our program. The two hull design with a wide beam provides a spacious and very stable work platform. The twin hulls permit the installation of a substantial swim ladder between the engines providing for a safe and secure water entry/exit for our working divers. The bow deck platform between the hulls allows for the easy and effective mounting of work equipment such as a bathymetric echosounder. The twin engine design (rated for 150HP) provides redundancy and is absolutely imperative for the long distance, heavily loaded, traveling we do along the Kona coast. Fuel and battery systems are totally independent. Catamarans are well known for their comfortable and dry ride which is important when several hours are spent underway each trip. The Glacier Bay utilizes a wave-slicing displacement hull which allows the boat to cut through waves substantially reducing bouncing, jarring impacts and wave spray.</p>		

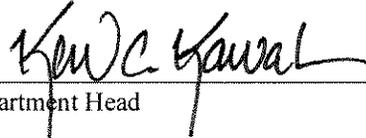
11. Alternate source. The following other possible sources for the good, service, or construction were investigated but do not meet our needs because: SEE ATTACHED DOCUMENT. Catamarans are produced by companies in the U.S. and Australia. Foreign companies were not considered due to lack of U.S. dealer support and purchasing requirements. Other U.S. companies were eliminated because they could not meet one or more of our specific requirements. These include: docking and maneuverability issues necessitate a vessel no larger than 26', smaller vessels are inadequate for our work, a center console for accessibility to gear and forward workspace from both sides of vessel, independent fuel/battery systems for safety and reliability, displacement hull design for quality of ride, Hawaii-based Full Service Dealer and Lifetime Hull Warranty.

12. Direct any inquiries to: Department: <u>DLNR/DAR</u> Contact Name/Title: <u>William Walsh Ph.D.</u>	13 Phone Number: <u>808-327-6226</u> Fax Number: <u>808-327-6229</u>
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Expenditure may be processed with a purchase order: Yes No If no, a contract must be executed and funds certified.

Agency shall ensure adherence to applicable administrative and statutory requirements.

14 I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.

DP

Department Head

12/26/07
Date

Reserved for SPO Use Only

15 Date Notice Posted: 12/27/07

Submit written objections to this intent to issue a sole source contract within seven calendar days or as otherwise allowed from the above posted date to: Chief Procurement Officer
State Procurement Office
P.O. Box 119
Honolulu, Hawaii 96810-0119

16. Chief Procurement Officer's comments:

The features specified in this sole source request are not unique and do not seem essential for the agency to accomplish its work. Other boat manufacturers including twin-hull/catamaran and V-bottom boats offer similar features and statements about their boats quality and stability. While some equipment features may be of the highest quality and good to have, they are not always essential for agencies to accomplish their work. If the agency can document and justify why only twin-hull/catamaran styles are essential, they can submit a request on SPO-Form-14, Restrictive Specifications Request.

17.
 APPROVED DISAPPROVED NO ACTION REQUIRED

Chief Procurement Officer 1/4/08 Date

Justification and Specifications for replacement Hawaii DAR Glacier Bay 2665 Canyon Runner vessel

Glacier Bay's 26' Catamaran is the only vessel with these important features that are necessary for our safe work along the Kona coast:

- **Hawaii** dealership and service centers for parts and service
- **Lifetime Hull Warranty**, compared to 4 or 10 years for other cats
- Glacier Bay's have the **broadest beam** of vessels its size which provides a working deck nearly 64 square feet, which makes it possible to work with upwards of 8 DAR staff members along with many sets of SCUBA gear and research equipment with safety of movement.
- The two engine design of catamarans provides redundancy and is absolutely imperative for the long distance traveling we do along the Kona coast.
- The Glacier Bay's **unique fuel and battery systems** are totally independent, so a problem with one engine will not affect the other.

The Hawaii Division of Aquatic Resources is very actively engaged in a number of resource management, monitoring and research efforts along the West Hawaii coastline. Over the past 10 years we have logged over 37,000 sea miles in the performance of our work. This travel usually entails a heavily loaded boat with a crew of 5 or more, their associated dive gear and equipment, and a dozen or more SCUBA tanks. Particularly in the northern and southern reaches of the coast sea conditions can be quite challenging with high winds and rough seas.

Over the years we have found that a catamaran style vessel provides the best combination of workability, stability and safety for our work. The two hull design allows for a wide beam which provides a spacious and very stable platform from which to work. Because of the twin hulls the engines are mounted apart from one another which permits the installation of a substantial swim ladder between the hulls. The ladder ensures a safe and secure water entry and exit for our working divers. In the bow, the deck platform between the separate hulls of a catamaran enables us to easily and effectively mount equipment such as the transducers for a bathymetric echosounder or hydrophone. The two engine design of catamarans provides redundancy and is absolutely imperative for the long distance traveling we do along the Kona coast.

Lastly, but certainly not unimportant, catamarans are well known for the comfortable ride they provide. This is important when several hours are spent each trip underway. There are no big jarring impacts, bouncing, or pounding in most sea conditions and speeds. This is extremely important for our Hawaiian sea conditions, safety of equipment on board, especially all of the SCUBA cylinders, and safety and comfort of staff. It actually makes student divers want to come back and work with us again.

Catamarans are produced by a number of companies around the world. In the United States, Glacier Bay Inc. has been at the forefront of catamaran production for over 20 years. It is the only major American catamaran company with a full service dealership here in the islands. In contrast to other catamarans, Glacier Bay utilizes an exclusive wave-slicing displacement hull which defines the leading edge in catamaran design. Unique pads on the bottom of each hull ensure arrow-straight tracking whatever the sea conditions. Lifting chines flare to the front for superior roll stability and spray deflection (staying dry after diving all day is important). The twin slim hull design of the Glacier Bay never rises on plane, at rest or full speed - the main support for the hull is buoyancy. This design feature allows the boat to slip through the waves. As taller waves work along the hulls they simply move the mean water line higher and the boat rises.

Glacier Bay boats are solid glass below the water line. Coring with PVC foam above the water line works well, providing great strength and stiffness but below the water line, in warm tropical humidity, there can be laminate problems. The laminating resin is a strong Vinylester and Isothalic type, not the much less costly general purpose Orthothalic type. The hulls have been hand laid with rolled mat, woven roving fabrics, Kevlar and knitted Biaxial fabrics. The gelcoat is UV stabilized. The wood stiffening in the boat is a marine grade that's been specially treated so it can be guaranteed not to degrade. The hull and deck are joined together with urethane-bonding and then through-bolted and nylock-nutted every 4". This attention to quality and detail is reflected in the fact that Glacier Bay is the only catamaran in the United States which has a lifetime hull warranty!

The Glacier Bay 2665 Canyon Runner is loaded with features and has one of the broadest beams of vessels of its size. This provides a working deck nearly 64 square feet, which makes it possible to work with upwards of 8 DAR staff members along with many sets of SCUBA gear and research equipment with ease and comfort. The large aft platform provides for plenty of space for gear and diver's to maneuver. Because of the size of our dock and the space and maneuverability issues, the new vessel needs to be within a foot of 26' long. Likewise we require a center console model for accessibility to gear and the forward workspace from both sides of the vessel. The GB 2665 meets both these requirements and is the "workhorse" of similar-sized vessels. Rated for twin, 150 hp engines with top speeds around 42 mph and 300 miles of range it has the power to get us to and from our dive sites weighted down with gear and staff. Additionally, the Glacier Bay's fuel and battery systems are totally independent, so a problem with one engine will not affect the other.

Glacier Bay catamarans are tough work boats that we have already been using for over a decade and ours has proven itself time and again. They are a known quantity with an excellent reputation and an unsurpassed warranty. The Glacier Bay 2665 Canyon Runner is a unique vessel that is essential to our operations.

Specifications: Glacier Bay 2665 Canyon Runner

▪ Length LOA	26'-1"	7.95 m
▪ Beam	8'-9"	2.67 m
▪ Draft (engines up)	18"	46 cm
▪ Dry Weight (approx)	4200 lbs	1905 kg
▪ Max HP twin	150 hp	112 kw
▪ Fuel	180 gal	681 L
▪ Persons Capacity	8	8
▪ Max Engine Weight (ea)	530 lbs	240 kg
▪ Engine Shaft Length	25"	63.5 cm
▪ Top Speed (est w/ max HP)	43 mph	69 kmph
▪ Range (est, w/ 10% reserve)	340 miles	547 km
▪ Water Capacity	22 gal	83 L
▪ Waste Capacity	15 gal	57 L
▪ Fish Well Size (approx)	124x24x72	61x61x183 cm
▪ Towed Weight (approx)	7600 lbs	3447 kg
▪ Fuel Tank Material	Plastic	Plastic
▪ Seating (standard)	4	4

- Self bailing cockpit
- **USA** designed and built
- **Hawaii** dealership
- Foam filled double bottom hulls
- Console head compartment w/Porta potti
- Freshwater system - 13 gallons
- Saltwater washdown
- Port & stbd insulated fishwells
- Fiberglass leaning post w/ 35 gallon bait tank
- Side and aft combing pads
- Bow rail (welded)
- Forward console seat
- Locking dash security cover
- ISO NPG gelcoat
- 316 stainless steel & chromed bronze hardware
- Dual density upholstery cushions
- Appropriate sized fuel tanks for our distance of traveling along the Kona coast
- **Lifetime Hull Warranty**, compared to 4 or 10 years for other cats