

DESCRIPTION: The Port Police Division of the City of Los Angeles Harbor Department is requesting bids from qualified boat manufacturers to design, construct and deliver four monohull foam collar full cabin outboard motor powerboats with an overall length between 34 and 37 feet. The hull, deck and cabin shall be constructed of aluminum. The boats shall be constructed and outfitted to meet or exceed these specifications.

GENERAL

It is the objective of these specifications to outline the requirements believed to be necessary to successfully perform this contract. These specifications are not intended to be a complete list of all work or requirements necessary to complete the contract.

The Contractor shall construct the boats in a manner consistent with applicable trade practices and industry standards and ensure that only suitably skilled and experienced employees or subcontractors be engaged to work on the boats.

The Contractor shall provide high quality equipment, components and parts, designed for boats of this type that are new and of current manufacture. The use of surplus, used, obsolete or discontinued items shall not be acceptable.

PERFORMANCE PERIOD, DELIVERY AND PAYMENT

The contract that results from this process is expected to have a term of 600 days from the date of execution of the agreement.

The Contractor shall deliver the boats to the Port of Los Angeles Construction and Maintenance Division, Berth 161, Wilmington, CA 90744.

Payment to the Contractor will be made following the acceptance of the completed boats. There will be no progress payments made.

PURCHASER PROVIDED ITEMS

The Purchaser will provide with the following items that will be installed by the Contractor:

- 1) Police radio and associated components

SUBSTITUTIONS

Except as listed below, for items where a specific manufacture is identified in these specifications, the Contractor may propose an alternative manufacturer's item, so long as the Contractor is able to demonstrate to the satisfaction of the Purchaser that the proposed item is equivalent.

The following items may not be substituted with another manufacturer's equivalent item:

- 1) Yamaha outboard motors
- 2) Yamaha steering components
- 3) Furuno radar and electronic navigation equipment

BIDDER QUALIFICATIONS

In order to be considered as a qualified Contractor for this project, bidders shall meet the following minimum qualifications:

- 1) Extensive experience in the design and construction of aluminum commercial/law enforcement power boats. The Contractor shall have completed at least 20 welded aluminum powerboats less than 40 feet in length within the last ten years.

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- 2) Experience with construction of boats in accordance with government regulations and industry standards.
- 3) Possession of an adequate boat construction facility located within the contiguous United States.
- 4) The ability to launch and conduct testing of the constructed boats at or near the construction facility.
- 5) All bidding companies must provide current ISO 9001 certification, verifying an established Quality Management System that ensures consistent quality in design, production, and delivery of products and services, meeting all contractual and regulatory requirements. Certification documentation must be included with the bid proposal.
- 6) The bidder shall possess or have the rights to a proven monohull boat design and have the ability to customize the boat design plans to as necessary in order meet these specifications.

SUBMITTAL

The bidder shall provide the following information and documentation. Failure to properly complete and submit any required information may result in bid being rejected.

- 1) Contact information for a primary point of contact including name, address and telephone number.
- 2) A narrative describing the firm's qualifications to perform the work and addressing the minimum qualifications listed above.
- 3) At least three references from previous clients for which the bidder has constructed and delivered boats of a similar type.
- 4) Contract level specifications to include at a minimum:
 - Detailed general arrangement plans
 - Performance data
 - Standards for classification and certification
 - Design standards for performance, noise levels, and environmental conditions
 - Details of hull form and cabin, including construction materials, standards, weight and stability
 - Details (make, model, manufacturer, ratings, etc.) of machinery, equipment, and systems to be installed in the boats, including, but not limited to: propulsion system, electrical systems, control systems, auxiliary systems (steering, bilge, fresh water, fuel, etc.), safety systems, electronic systems, and emissions levels.
 - Detailed listing of support documentation to be provided to the Port of Los Angeles upon delivery of the boats.
 - Details of the expected performance standards during the dock and sea trials.
 - Details of quality management system certification.
- 5) The bidder shall complete and submit the following specification document. The bidder shall indicate with a check mark in the spaces provided after each item if they COMPLY with the specifications for that item. If the bidder does not comply with an item, the deviation shall be described in the space provided. If additional space is needed the bidder may indicate "see attached" and describe the deviation

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on an attachment to the bid.

<p>PRODUCTION SCHEDULE Within 21 days of award of contract, the Contractor shall provide a production schedule and delivery date. The production schedule shall identify 25%, 50%, 75% and 100% milestones. The Contractor shall report the achievement of each milestone. Should the achievement of any milestone or delivery fall behind schedule by more than 30 days, such delay shall be an event of default, and the City shall have the right to immediately terminate this agreement without compensation to the Contractor. See also, para. 23 of the General Conditions.</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
<p>DESIGN The boats shall be of a design that has been proven through extensive use by other commercial or government entities in the United States.</p> <p>The boats shall be capable of year-round all-weather operation in comfort and safety both inland and offshore. The boats shall be capable of maintaining speed in rough sea conditions and operate safely in small craft advisory weather conditions.</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
<p>CONSTRUCTION STANDARDS, CLASSIFICATION AND CERTIFICATION The boats shall be built to conform to all applicable United States Coast Guard rules, regulations standards, including construction and machinery standards.</p> <p>Where the above regulations are silent, the applicable rules of the American Boats and Yacht Council, the National Fire Protection Association, and the Occupational Health and Safety Administration shall apply.</p> <p>The Contractor shall meet applicable ISO standards for hull structure and stability.</p> <p>All materials, equipment, machinery, fittings, hardware and supplies for construction of the boats shall be new, free of defects, and suitable for their intended uses. The use of surplus or previously purchased items by the Contractor is strictly forbidden. The use of repurposed or remanufactured items, even with a new item warranty from the manufacturer, is also strictly forbidden.</p> <p>The hull, deck and cabin shall be fabricated of welded aluminum of an alloy or temper suitable for marine applications. Materials are to</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>

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be joined by MIG or TIG welding techniques.

All welding, brazing and related procedures, including joint design, joint strength, edge preparation, fabrication, and records shall be performed in accordance with the standards set forth by the American Welding Society for the materials being welded and the intended service. All welding shall be performed by USCG and classification society certified aluminum welders with current Certification. Welder qualification certificates shall be provided to the Purchaser prior to a welder performing welding on the boats.

PERFORMANCE AND ENVIRONMENTAL CONDITIONS
The expected performance of the boats in sea state Beaufort Force Wind Scale 4 shall be at a minimum:

- Cruise speed 20-24 knots
- Full speed of not less than 38 knots.

The boats shall be suitable to operate in conditions including air temperatures from 32° F to 102°F, and seawater temperatures 50° to 85°F.

Comply:
Deviation:

BOATS SIZE
The boats shall have an overall length between 34 and 37 feet. Overall length is considered the length from the back of the outboard motor bracket to the forward part of the push knee.

Comply:
Deviation:

HULL
The boats shall have a planing hull design. The hull form shall be based upon the Contractor’s proven design that has been employed in the construction of offshore powerboats.

The boats shall have a minimum bottom plate thickness of 0.3 inch. and be equipped with performance wings, or equivalent, below collars for increased lift and stabilization, as well as performance lifting strakes.

The hull shall be fitted with sacrificial hull anodes.

The hull shall be fitted with pick eyes, a bow eye, and transom tie downs that are welded on.

Hull voids shall be air-tight sealed and pressure tested.

Comply:
Deviation:

COLLAR, FENDER AND PUSH KNEE
The boat hulls shall be fitted with a heavy-duty foam collar system. The interior of the collar shall be 100% foam with no air bladder sections.

Comply:
Deviation:

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The collar membrane shall be made of heavy-duty polyurethane suitable to the marine environment.

There shall be a heavy-duty D rubber fender installed outboard of the collar, black in color.

There shall be a push knee installed at the bow.

DECK

The deck shall have self-draining through-hull drains fitted with non-return valves.

The deck coating shall be paint on gray nonskid applied to all exterior walking surfaces. Nonskid shall cover horizontal surfaces up to the welds on vertical surfaces.

Interior deck covering shall be removeable rubber matting

There shall be a soft patch in the deck to allow for removal of the fuel tank.

Comply:

Deviation:

MAIN CABIN

The cabin shall be fully enclosed, have a minimum height clearance of six feet six inches, and constructed of aluminum. The cabin style shall be full width and shall not be a walk-around style. A starboard and port sliding side door, and hinged aft bulkhead door shall be installed.

The instrument console shall be fabricated from marine grade material on an aluminum frame. All instrumentation shall be installed to reduce glare and provide maximum visibility to the operator and navigator.

The operator's seat shall be installed on the starboard side and the navigator's seat shall be installed on the port side. Both seats shall be shock mitigation seating with armrests and seat belting or safety harnesses. They shall be located within easy reach of the operating console and electronic navigation system. Operator and navigator's seats shall have adjustable footrests.

Two additional shock mitigation seats with armrests and seat belting or safety harnesses shall be installed behind the operator's seat and the navigator's seat.

Comply:

Deviation:

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A bench seat (starboard side) and a work station (port side) shall be installed behind these seats. The work station shall have a chart light and 110 VAC outlet. Above the bench seat shall be universal gun locks – Santa Cruz SC-5 or equivalent.

Shock mitigation seats shall be Bentley Mariner Severe Duty or equivalent.

Adequate internal and external handrails shall be installed. Handrails shall be installed in a manner that does not obstruct personnel from getting into or out of the seats. Handrails shall not be wrapped.

Main cabin doors shall be weather-tight.

Insulation, paneling, trim and headliner shall be installed and are easily removable and repairable. Purchaser shall select the colors.

Two ventilation fans shall be located in the main cabin.

The main cabin shall be equipped with a CO detector.

CUDDY CABIN
There shall be a weathertight cuddy cabin forward of the main cabin and include bench seating.

There shall be a weathertight hatch to access the forward cockpit.

The boats shall not be fitted with a head.

Comply:
Deviation:

FORWARD COCKPIT
The boats shall have a forward cockpit with self-draining through-hull deck drains. The gunnel height for the forward cockpit shall be not less than 32 inches.

There shall be stacked and stepped forward bow storage with topside access handrails.

Comply:
Deviation:

WINDOWS
The cabin shall be fitted with weather-tight, frameless fritted windows made of tempered safety glass with UV protection. Windows shall be of a thickness specified by applicable standards.

Documentation including part numbers and sizes shall be provided for all installed windows.

The boats shall have ducted in-dash window defrost system for front

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<p>windshield on both starboard and port sides.</p> <p>The forward windows of the pilothouse shall be fit with a wiper motor arm system, along with their wiper wash system. A dedicated electric pump and tank shall feed the wash system.</p>	
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<p>CLEATS The boats shall have a minimum of six 10-inch cast aluminum cleats. Cleats shall be welded to the deck.</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
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<p>DOCKING KIT A docking kit shall be required for each of the boats. The kit shall include: Four 30' x 5/8" black DBN dock lines with eye splice at one end Four 5.5" x 20" black 2-eyed ribbed fenders</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
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<p>TOWING SYSTEM The boats shall be capable of towing up to a 40-foot recreational vessel</p> <p>The boats shall be equipped with a tow spool with 300' DBN line, hand brake and marine grade black canvas cover. The boats shall be equipped a sampson post on the rear deck near the transom.</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
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<p>HATCHES All deck hatches shall be aluminum, flush mounted, quick acting, and hinged, watertight hatches.</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
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<p>MAST A mast assembly shall be mounted on top of the cabin. The mast assembly shall support a radar antenna and electronic systems antennas. The mast shall allow for the routing of wiring and cabling internal to the mast structure. Penetrations of the mast structure shall be weather tight. The cabin top shall also have a swing-down radar pod.</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
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<p>PROPULSION The boats shall have three Yamaha 300HP offshore outboard engines.</p> <p>The port and starboard engines shall be counter rotating.</p> <p>The manufacturer's instrumentation panel for each engine shall be installed and located at the operator's control console.</p> <p>All machinery shall be mounted so that it is accessible for all necessary maintenance and so that components are removable for replacement with a minimum amount of interference. Engine</p>	<p>Comply: <input type="checkbox"/> Deviation:</p>
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diagnostic ports shall be mounted in an easily accessible location.

PROPULSION CONTROL

The propulsion control shall change engine speed smoothly and without delay. It shall smoothly shift from forward to reverse.

The propulsion system controls shall be provided by the engine manufacturer. Controls shall be positioned at the operator’s station.

The operating station shall be equipped with an engine kill switch and lanyard.

PROPELLERS

The boats shall have stainless steel propellers that meet engine manufactures specifications.

Comply:
Deviation:

STEERING SYSTEM

The steering system shall smoothly and evenly change the direction of the outboard motors to steer the boat without delay. The steering system shall be capable of conducting tactical maneuvers without excessive force required by the operator.

The boats shall be equipped with Yamaha digital electric steering system.

The helm shall be a stainless steering wheel located on the starboard side of the main cabin.

Comply:
Deviation:

ENGINE GUARD AND FAIRLEADS

The engines shall be protected with an engine guard. The guard shall include fairleads for towing purposes.

Comply:
Deviation:

FLAG POLE BRACKET

A flag pole bracket shall be installed on top of the cabin.

Comply:
Deviation:

PROTECTIVE GUARDS & COVERS

Exposed piping, tubing, hoses, electrical or electronic cables subject to mechanical damage or physical damage by the crew during operations, inspection and maintenance shall be provided with protective covers. Removable guards shall be fit to all exposed rotating equipment to protect personnel from injury.

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FUEL SYSTEM

The installed fuel system shall comply with all applicable regulations and standards.

Each boat shall be equipped with one removable 300 gallons fuel tank. The tank shall be fabricated to be easily removable from the boat. It shall be constructed of .250" thickness 5086 aluminum and be in accordance with applicable USCG standards and regulations. The tank shall have interior tank baffles.

Fuel tank shall be thoroughly cleaned of all debris, weld spatter and other foreign matter prior to initial filling and shall be kept closed thereafter until ready for use.

Filling of the fuel tank shall be affected through fillers located on the aft deck. Fuel filler caps to be either threaded or cam type. Check valves shall be installed.

The boats shall be equipped with fuel/water separators shall be Racor R320RAC-01 or equivalent

Comply:

Deviation:

ELECTRICAL SYSTEM

A marine grade electrical distribution system shall be provided to supply all electrical loads.

The electrical system shall comply with all applicable standards and regulations.

The hull shall not be used as a current carrying conductor.

All cables shall be adequately protected against mechanical damage, chaffing, heat, corrosion, and wherever possible be installed clear of bilges and engine exhaust systems.

Cable penetrations through bulkheads and decks shall have adequate sealing arrangements to maintain water and where appropriate, fire integrity. Cables shall be tagged and labeled.

Electrical control panels shall be backlit and contain all necessary controls for the boats' electrical components.

Circuit breakers shall be mounted and labeled in each panel. All panels shall be fit with additional spare breaker positions for future circuit additions.

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The boats shall have power outlets located at the operator’s station, the navigator’s station, and in the cabin.

The boat shall include a Kohler 6KW 6EKOD 60 Hz Diesel Generator (or equivalent) with 10 gallon diesel Tank in aft lockers.

The Contractor shall supply a complete set of as-built wiring diagrams of the boat’s electrical system on delivery of the boats in digital format.

BATTERIES AND BATTERY CHARGING

The boats shall be equipped with a 12V DC marine grade battery system.

Batteries shall be stored in a readily accessible location in USCG approve battery boxes with covers and secured with heavy-duty straps.

Comply:
Deviation:

SHORE TIE ELECTRICAL POWER SYSTEM

The boats shall be equipped with a 110VAC shore power connection and related components including:

- 110VAC 30AMP inlet
- A/C panel with analog voltmeter
- GFCI outlet with cover
- Isolation transformer and 30A 125V 25’ shore power cord
- One smart charger that charges, conditions, maintains and re-conditions.

Automatic dockside power supply mode for 12 volt DC lighting and appliances

Comply:
Deviation:

EXTERIOR LIGHTING SYSTEM

The boats shall be equipped with an exterior lighting system using marine grade lighting systems operated from the helm console. The lighting system shall include:

- foredeck floodlights
- aft deck floodlights
- side deck lights
- boarding floodlights
- an adjustable beam spot light ACR RCL-300A or equivalent operated by remote control from the helm position

The floodlights shall be 600+ lumen LED.

Lighting fixtures shall be marine grade and shall comply with applicable standards and regulations.

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INTERIOR LIGHTING

The Contractor shall provide a minimum of four dual color red/white dome overhead LED lighting systems throughout the interior

Interior lighting shall be installed to adequately illuminate each compartment. Lighting controls shall include a dimming function.

The lighting, including the helm console, shall be equipped with both red and white LED, which shall be independently switched.

Lighting fixtures shall be marine grade and shall comply with applicable standards and regulations.

NAVIGATION LIGHTS

Navigation lighting shall be provided as required by USCG COLREGS.

All navigation lights shall be LED.

POLICE LIGHTING

The boats equipped with blue colored low profile Law Enforcement Lighting (Annex 5, 33 CFR 88 Section 88.05) Whelan Mini Legacy GT9 BBBBP 19.3” Blue lightbar or equivalent mounted on radar arch POD face with 360 degree visibility.

Comply:
Deviation:

ELECTRONIC NAVIGATION SYSTEMS

The boats shall be equipped with the following navigation system components:

- Radar
- Chart plotter
- Satellite GPS
- Side scan transducer
- FLIR
- Compass
- Horn

Components shall be the currently available model and suitable for the missions and operating environment of the boats. Components shall be manufactured by Furuno unless that manufacturer does not make that component.

Comply:
Deviation:

ANNOUNCING SYSTEM

The boats shall be equipped with Whelan Loudhailer System or equivalent.

Comply:
Deviation:

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MARINE RADIO SYSTEM

The boats shall be equipped with the following or equivalent:

- (2) ICOM M510 VHF radios with integrated AIS, hailer, hailer speaker, and have a foghorn function located in the main cabin.
- A Shakespeare 396-1 5' Classic VHF marine band antenna with ratchet mounts shall be used.

Comply:
Deviation:

POLICE RADIO SYSTEM

The Contractor shall install the following radio components that will be provided by the Purchaser.

1. Radio head with microphone
2. Radio body or AMP
3. External radio speaker
4. Antenna with mount

Comply:
Deviation:

ANTENNAS

The boats shall be equipped with a Furuno GP330B GPS Antenna or equivalent. The Contractor shall install antenna as necessary for the proper function of each electronic equipment item. Each antenna shall be electrically isolated from the foundation to prevent corrosion, and to reduce radio interference. The Contractor shall pay particular attention to manufacturer recommendations when locating antenna in relation to other antenna to avoid radio interference.

Any radio interference between electronic systems or other radios shall be rectified prior to acceptance of the boats. All antennas shall be placed to avoid obstruction of navigation lights. Antennas shall be provided for each VHF radio, and all other equipment requiring antennas. Shakespeare Phase 3 antenna or equivalent shall be used.

Comply:
Deviation:

BILGE SYSTEM

The boats shall be equipped with the following or equivalent:

- The hull compartment with a 2000 GPH RULE bilge pump with auto switch.
- The offshore platform with a 3700 GPH RULE bilge pump.
- The helm console with RULE 3-way switch's (on/off/auto).

Comply:
Deviation:

ALARMS AND MONITORING

The boats shall be fit with an alarm and monitoring system according to the Designers plan. At a minimum, the system shall contain the following alarms:

- BILGE HIGH LEVEL
- ENGINE ALARMS
- CARBONMONOXIDE DETECTOR

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FIREFIGHTING SYSTEM

The boats shall be equipped with the following:

- Three H3R #HG500R – RED HALGAURD or equivalent clean agent 5LB USCG approved fire extinguishers.
- Heavy duty bracket.

Comply:
Deviation:

CORROSION PROTECTION

The Contractor shall design and construct the boats in such a manner as to protect the boats from the effects of corrosion including placement of the hull zinc anodes.

Comply:
Deviation:

LIFE SAVING EQUIPMENT

The following equipment shall be supplied and fitted:

- 24” Life Ring with ACR SM-3 Lifebuoy Self-Igniting Light
- Portable bilge pump
- North American Rescue Trauma /First aid # 80-1048 or equivalent.
- Offshore marine flare signal kit
- Handheld compressed air horn
- Personal flotation devices

Comply:
Deviation:

Emergency Position Indicator Radio Beacon (EPIRB)

HEATER, DEFROSTER AND AIR CONDITIONING

The boats shall be equipped with a heating and air conditioning system and include window defrosting capability.

Comply:
Deviation:

ANCHOR SYSTEM

The boats shall be equipped with the following or equivalent:

- Anchor Kit for 27'-31' Hulls. Kit Includes: (1) Fortress FX11 7lb Anchor, (1) 3/8" S/S Shackle, (9 FT) S/S Anchor Chain, (1) 3/8" S/S Jaw-To-Jaw Swivel, and (150') 5/8" 3 Strand w/ S/S Thimble.

Comply:
Deviation:

HULL PAINT AND COATING SYSTEM

Marine paint shall meet all applicable regulations. Paint performance, including but not limited to anti-fouling performance, shall be fully warranted by the Contractor.

The hull barrier coat shall be from six inches above the waterline and cover the complete bottom area.

Comply:
Deviation:

SPARE PARTS

The Contractor shall supply the Purchaser with:

- Consumable spare parts for; Electrical Systems and Lighting Systems. Consumable spare parts shall include at a minimum; fuel, lube, water, and air filters for all systems; spare bilge pumps, impellers, belts, and float switches; spare

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sensors, fuses, circuit breakers and bulbs for navigation lights, house lights, and compartments lights; sacrificial aluminum anodes for corrosion protection and any other consumable spare parts that the Contractor deems necessary.

- One pair of counter-rotating stainless steel propellers.

TRAILER

The Contractor shall provide a trailer for each boat. Trailers shall be aluminum I-Beam, triple axle, torsion suspension, EOH breaking system with 3-axle disc brakes, aluminum 16” wheels with and slick bunks. Trailer shall have a bow ladder, V-stop and LED lighting. The trailer shall have a spare tire.

Comply:
Deviation:

LOGISTICS SUPPORT

The Contractor shall supply documentation and manuals for the boats in the “as built” condition. The documents shall be delivered at the time of technical acceptance.

Comply:
Deviation

REQUIRED DOCUMENTATION:

- General Arrangement Plan
- Engine Compartment Arrangement, showing critical maintenance operations
- Diagrams of all systems
- Electrical schematics
- Equipment and component manuals

Comply:
Deviation:

WEIGHT & STABILITY

Boats stability shall meet USCG requirements for boats of this size and service. The boats are to be weighed when complete, prior to fueling.

Comply:
Deviation:

WARRANTY

The Contractor shall be able to warranty and provide follow-up support for the boats, in entirety, for a minimum period of one (1) year from date of final acceptance by the Purchaser. The warranty shall state that the qualified Contractor shall, at his/her own expense, and without any cost to the Purchaser, replace all parts failures and make all repairs, including labor and transportation costs, that may be required or are made necessary by reason of defective design, material or workmanship.

The Contractor shall be able to provide warranties on all equipment, parts and materials furnished or purchased by a subcontractor, under this proposal, and guarantee that they shall meet all contract requirements and are free of defects in equipment, material, or workmanship and are fit for its intended purpose.

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Warranty support shall be provided through U.S. based, O.E.M. and/or shipyard certified personnel.

EPIRB REGISTRATION

The Contractor shall be responsible for registering the EPIRB to the boats and obtaining any FCC ship radio licenses if applicable.

Comply:
Deviation:

CLEANLINESS

The Contractor shall maintain the boats in a high state of overall cleanliness during all phases of construction. The Contractor shall take care to preserve the structure, fittings, outfit, paintwork, engines, auxiliaries, appliances and apparatus to insure delivery in a satisfactory condition. Measures shall be taken to prevent wear and tear or damage during construction and to prevent corrosion and contamination of machinery parts. All defects, damage and deterioration of the boats, or their components, that develop during construction, fitting out, and trials shall be corrected, by and at the expense of the Contractor, prior to Purchasers acceptance.

Comply:
Deviation:

QUALITY ASSURANCE

The Contractor shall maintain a robust in-house quality assurance (QA) quality control (QC) plan and provide access to that plan and all records to the Purchaser upon request. The Contractor shall provide its written QA/QC plan to the Purchaser for review prior to the start of construction.

Comply:
Deviation:

SHIPYARD VISITS AND PRODUCTION MEETINGS

Throughout the course of construction, the Contractor shall:

1. Accommodate authorized representatives of the Purchaser to inspect the boats at the shipyard. The Purchaser's representatives shall provide the shipyard with proper notice prior to all shipyard visits. The costs of these visits shall be the responsibility of the Purchaser.

Participate in monthly production meetings with the Purchaser and present a comprehensive briefing of the status of the boats' construction.

Comply:
Deviation:

TECHNICAL ACCEPTANCE TRIALS

The Contractor shall develop, in cooperation with the Purchaser, a comprehensive testing and trials plan. The plan shall identify all

Comply:
Deviation:

DESCRIPTION: The Port Police Division of the City of Los Angeles Harbor Department is requesting bids from qualified boat manufacturers to design, construct and deliver four monohull foam collar full cabin outboard motor powerboats with an overall length between 34 and 37 feet. The hull, deck and cabin shall be constructed of aluminum. The boats shall be constructed and outfitted to meet or exceed these specifications.

testing milestones; define testing procedures and track deficiencies, corrections, and acceptance. Trials shall include Dock Trials, Sea Trials, and Acceptance Trials. Within 21 days of award of contract, the Contractor shall provide to the Purchaser an estimated schedule for each of the trials and provide a minimum of two weeks' notice prior to the start of all trials.

Dock Trials shall be conducted to demonstrate proper functioning of propulsion systems and controls, auxiliary systems, electronics, and safety equipment prior to Sea Trials. Prior to Dock Trials, the Contractor shall present an agenda to the Purchaser for review and comment. Following the completion of Dock Trials, Sea Trials shall be conducted to demonstrate the performance of the boats and proper function of systems underway.

Upon completion of Dock and Sea Trials, any item of Contractor furnished equipment that shows questionable operating characteristics shall be thoroughly examined and repaired by the Contractor. If repairs are necessary or if the performance of any Contractor furnished equipment does not meet specification requirements, tests of the individual units are to be repeated by the Contractor and corrections made until the equipment meets the specifications and is accepted by the Purchaser.

2. The Purchaser will witness required trials. All trials for the boats shall be conducted at the Contractor's expense. Purchaser witness of trials shall not constitute final acceptance of the boats. The Contractor shall provide a sea trial report.

