



Request for Proposal of Equipment

World Sailing Offshore
World Championship
2019-2024

sport / nature / technology



1 Summary

In summary World Sailing is looking for an Equipment Supplier to:

- a Supply 20 identical offshore boats for charter each year, ready to race double-handed on the dates and venue to be designated at least 10 months in advance by World Sailing.
- b Work together with World Sailing and the Event Management Partner (EMP) to facilitate the establishment of a training academy at a European venue with a minimum of 5 boats ready for charter. The objective is to provide Member National Authorities with access to a small fleet of the boats for training.

This document should be read in conjunction with the EMP Bid Guidelines for the Offshore World Championships where the broader event requirements are specified.



2 Evaluation Criteria

- a The proposed equipment should:
 - Be challenging to sail by the elite offshore sailors of the world.
 - Have visual appeal for spectators, media and sailors.
 - Be of consistent manufacture and one-design control with effective and guaranteed quality processes and tolerances.
 - b The Offshore World One Design boat shall exhibit the following:
 - Good all-round offshore performance.
 - Proper sail inventory for all weather conditions.
 - Good general steering characteristics (course keeping, helm balance)
 - Good division of tasks for manoeuvres between skipper and crew.
 - c The supply and maintenance service arrangement shall consider:
 - A per boat, fixed, event daily charter fee to include:
 - i. The complete boat ready to race. Including a minimum of on board equipment as listed in Appendix A.
 - ii. A full set of new sails.
 - iii. Appropriate on-site technical team for assembly, maintenance and repairs.
 - iv. Appropriate on-site necessary equipment and spares to assemble, maintain, repair and replace the supplied boat parts.
 - v. Any on-water support, if necessary.
 - vi. User manual documentation, including load limitations and safe boat operation limits. To be available online 1 month prior to the event.
- A per boat, fixed, training daily charter fee to include:
 - i. The complete boat ready to race including sails and a minimum of on board equipment as listed in Appendix A.
 - ii. Appropriate on-site technical team for assembly, maintenance and repairs.
 - iii. Appropriate on-site necessary equipment and spares to assemble, maintain, repair and replace the supplied boat parts.
 - iv. User manual documentation, including load limitations and safe boat operation limits.

3 Method of Evaluation

- a The evaluation shall be carried out by a working party of the World Sailing Equipment Committee and Oceanic & Offshore Committee, assisted by World Sailing Technical & Offshore department staff and a final decision by the World Sailing Board.
- b The evaluation will be a study of documentation, a site visit to the supplier yard and may include sea trials.

4 Statement of Work/Specification

- a The double-handed offshore boat shall have the following characteristics:
 - 8-12 meters hull length, high-performance offshore short-handed racing monohull keel boat
 - Sloop rig with spinnaker
 - FRP construction of hull
 - Stability compliant to and fully equipped with World Sailing Offshore Special Regulations Category 2
 - Capacity to carry a liferaft on deck
 - Auxiliary propulsion inboard engine

- A head with a holding tank
- Minimum of 1 bunk
- Standardized storage lockers and stacking bags with reasonable spares and tools for potential repairs at sea
- Routing and navigation equipment with uploaded VPP data, ready for use
- Provision for VSAT satellite domes, appropriate batteries and alternator for charging, and on deck robo-cams
- Autopilot capability for shorthanded racing
- A minimum capability of producing 100 watts with solar panels
- The outermost hull coating layer to be non-toxic antifouling

- b Performance – per the following approximate descriptions:
 - Racing is expected to be held in offshore sailing conditions, boat must perform in all wind and sea state conditions between 4-40 knots of wind

5 Documentation to be supplied

As a minimum, the following drawings and documents are expected to be submitted for review by the Equipment Supplier:

- a** General dimensions and specification
- b** General Arrangement
- c** Plan view of Control Lines
- d** Sail Plan with Bill of Materials
- e** Rigging Plan with Bill of Materials
- f** General design calculations. Hydrostatic calculations and Stability curve with max GZ and AVS
- g** VPP Polar diagrams
- h** A list of all supplied equipment and services included in charter fee
- i** Personnel attending the event, including dates and qualifications
- j** Training academy supply proposal

6 Retention of commercial rights

Under the contract with the Equipment Supplier, World Sailing will reserve the right to appoint one or a number of official 'equipment partners' who, in return for the provision of certain benefits to World Sailing, will be granted the right to have their equipment used at the event.

World Sailing may appoint different 'equipment partners' in different categories (for example, a sail partner and a mast partner), and/or different partners over the term of the contract (for example, one sailmaker may be appointed for two years, and a second for another two years).

If World Sailing appoints an "equipment partner", the Equipment Supplier will be required to use the relevant equipment when assembling the boats / providing the spare parts.

Equipment Suppliers should therefore provide a flexible pricing model which allows for the Equipment Supplier's charges to be adjusted if certain equipment is provided by a World Sailing "equipment partner".

7 Timeline and Planning

- a Proposal submission deadline is 23:59 UTC on 31st May 2018
- b Evaluation period will run from 1st June to 13th July 2018
- c Final decision will be announced on 8th August 2018



Appendix A

Minimum on board equipment to be included on the boat as part of the supplied equipment list:

- Inboard engine with dedicated starting battery
- Appropriate Liferaft
- 2 Horseshoe Lifebouys, Light, Danbuoy
- MOB Recovery Sling
- Heavy Anchor 14kg approx, 11m chain 8mm OD, minimum 32m anchor rope 14mm OD.
- Light (kedge) anchor approx. 10 kg
- Fixed Steering Compass
- Autopilot including ram, remote control and rudder reference unit
- Navigation Interface Computer Integrated with autopilot, speed, compass, wind
- On board computer with screen, keyboard and mouse.
- A fixed GPS unit
- Echo sounder
- Helm position foot rests
- Radar Transponder
- Radar Reflector
- Navigation Lights sailing (masthead) and motoring
- 25W DSC enabled VHF fixed unit and masthead aerial
- VHF portable
- VHF emergency antenna
- AIS transmitter
- Foghorn
- First Aid Kit and Manual
- Handholds below deck
- 2 Fire Extinguisher
- Fire Blanket
- Permanently installed toilet
- Bunk
- Cooking Stove
- Drinking Water Tank and pump
- Ships 12v battery
- Watertight high-powered search light
- Bilge Pump



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