**Procurement of High-Speed Vessels for National Public Ferry Network: Region 1, Republic of Maldives**

Technical Specifications

High speed vessels procured for the National Public Ferry Network Region 1 must have the following specifications.

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| Number of Vessels | 14 (Total) |
| Passenger Capacity | **11** vessels with passenger capacity of 30-35 persons  **3** vessels with passenger capacity of 45-50 persons |
| Hull Type | **Aluminum** Catamaran Hull |
| Minimum Cruising Speed | 30 Knots |
| Engine | Twin in board Engine with Water Jet  Engine suitable for tropical conditions with spare part availability |
| Generator | 2 Marine Generators. |
| Drive System | Jet Drive System  Trimming system |
| Efficiency standard | Fuel Efficient engine |
| Seating | Comfortable individual seats  Airplane seat model  Liftable/Foldable chairs and arm bar  Wheel chair accessible walkway |
| Light Cargo Area | Cargo storage area for 2 pieces of luggage with a maximum allowable limit of 40 kg per passenger |
| Toilet | Minimum 1 easily accessible toilet in the main deck  Slide door preferred |
| Ventilation | Marine Air Conditioned |
| Loading and Unloading | 2 access doors on starboard side and port side for loading and unloading of passengers and cargo (wheelchair/Stretcher accessible)  Railings near/at the front and side access |
| Doors | Four access doors (two doors on starboard side and two on port side)  One door on each side installed with hydraulic lift ramp preferred |
| Systems and Accessories | AIS System  GPS  Communication Sets (VHF)  Inboard Camera (Front, Rear, Engine Room, Passenger Area)  Fire Extinguishing system |
| Additional Requirement | Accessibility and parking for wheelchairs  Floor level of entry and main deck must be same  Water storage equivalent to passenger capacity  Storage Area equivalent to passenger capacity  Storage Area for janitorial equipment.  Fuel capacity for 70km one-way trip x 2.5 times |