

Manufacture, Test and Delivery of 14 high speed vessel for National Public Ferry Network for Region 1

Technical Specifications (REVISED)

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

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 /Fiberglass Catamaran /Mono Hull
Minimum Cruising Speed	30 Knots
Engine	Twin in board Engine with Water Jet Engine suitable for tropical conditions with spare part availability
Generator	Marine Generator + Battery
Drive System	Drive system to be specified Trimming system
Efficiency standard	Fuel Efficient engine
Seating	Comfortable individual seats Removable seats 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 Ventilation system Engine exhaust system
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

