

General Specification for Passenger Ferry

Purpose	Carrying Passengers
Hull & Superstructure	Fibreglass – Monohull
Performance	
Cruising Speed with Full Load	Minimum 20 knots
Propulsion System	
Main Engines	1 × Yanmar, Volvo, Caterpillar, Cummins, or other renowned brand (Brand New)
Propulsion	1 × Conventional Propeller (Fixed Pitch)
Auxiliary Equipment	
Generator	1 × Marine 220 V / 380 V, 50 Hz, 1500 RPM (Yanmar, Volvo, Caterpillar, Cummins, or other renowned brand) (Brand New)
Air Conditioning	Preferred
Layout	
Capacity	Minimum 150 persons (including crew)
Toilet	Yes
Cabin	Enclosed, with windows at the sides and aft
Seating Arrangement	Individual seats (front facing) – Preferred
Storage	Yes – equivalent to passenger capacity, plus separate storage for janitorial and other vessel equipment
Safety Railing	Stainless steel handrails
Fuel Capacity	1,000 L (minimum)
Water Capacity	500 L (minimum)
Warranty	Minimum 1 year
Navigational & Safety Equipment	
The vessel must have all safety and navigational equipment as per Ministry of Transport and Civil Aviation regulations.	

Recommendations

- The contractor shall be a builder (with an existing building facility) of similar vessels with over 5 years of proven track record (if the vessel is to be newly built).
- All specification sheets must be submitted with the bid documents, together with relevant technical drawings including GA plans with profiles.
- Pre-delivery inspection and post-delivery inspection / sea trial must be carried out.