



# Dockyard & Engineering Works Ltd.

## Bangladesh Navy

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### COMPLIANCE STATEMENT OF 01x FIRE FLOAT FOR BANGLADESH FIRE SERVICE

(Length 17.00m x Breadth 4.20m x Depth 2.60m)

SN	Technical Specification		Bidders Offer
1	Type of Body	The hull & Deck house will be constructed with marine grade ship building quality Aluminum Sheet.	Hull will be made of marine Aluminium. (Grade 5083) Complied
2	Dimensions	Length Overall (LOA) – 17 Meter (Minimum)	Length overall 17.0 m
		Breadth-4.20 Meter (Minimum)	Breadth 4.20 m
		Depth-2.60 Meter (Minimum)	Depth 2.60 m
		Mean Draught (Mid Ship)- 1.30 Meter (Minimum)	Draft: 1.30 m
		Frame Spacing-0.50 Meter (Minimum)	Complied
3	Thickness of Aluminum Sheet	Bottom Plates-6mm (Minimum)	Complied
		Side Shell Plates-6mm (Minimum)	
		Deck Plates-5mm (Minimum)	
		Deck house and Superstructure Plate-4mm (Minimum)	
4	Load Displacement	To be Mentioned	As per design. Complied
5	Engine	02 x Marine Engine	Complied
		Engine	Brand: ABC/Volvo Penta/John Deer 650HP@1800-2100 rpm 4 Stroke, In- Line, Direct Injection, Turbo-Charge engine remote control. EU/USA.
		(a) 6 Cylinder (Minimum)	Complied
		(b) 4-Stroke, Water Cooled, Diesel Engine.	Complied
		(c) Power output Capacity : 600 HP (Minimum)	Power: 650 HP @1800 rpm.
6	Speed	20 Knots (Minimum)	Complied
7	Steering Wheel	Hydraulic Steering wheel.	Complied Origin: China/ Singapore/Malaysia
8	Fire Fighting Pump	02 x Centrifugal Fire Fighting Pump. Water Discharge Capacity -2000 ltr/min (Minimum)	Quantity: 02 Main Engine driven@ 1750 rpm (Engine rpm 1800) or Equivalent. EU.
		Pump Engine output Capacity-70 H.P. (Minimum)	Complied
		Fire Pump Operated by Diesel Engine/ Operated by the main Engine through power take of (PTO)	Complied
9	Fire Fighting Arrangement	02 x Fire Monitor fitted of Top of the Master Bridge/Deck & Front side of the Deck.	Flow 2000 Ltr/Min Max Pressure: 7 Bar, Max Reach: 40M or



