

**TECHNICAL SPECIFICATION OF NIV, OUT BOARD MOTOR (OBM) 55 HP (MINIMUM),
QUANTITY- 65 NUMBERS COMPLETE WITH STANDRAD TOOLS AND ACCESSORIES
(DP-5)**

Ser	Description	Specification	Must be filled up by the Manufacturer
1	Name and complete address of the local agent	To be mentioned	
2	Name and complete address of the manufacturer	To be mentioned	
3	Name and complete address of the Principal	To be mentioned	
4	Make & Model	To be mentioned	
5	Country of Origin	Group A Countries	
6	Country of Assembly		
7	Country of Manufacturer		
8	Year of Manufacturer	Manufacturer not before the year of contract	
9	Shaft length/Transom Height	Minimum 20"	
10	Weight	Maximum 100 kg	
11	Type of Engine	2 Stroke/ 4 Stroke Engine	
12	No of cylinder	Minimum 2 cylinder	
13	Bore (mm)	To be mentioned	
14	Stroke (mm)	To be mentioned	
15	Displacement (cc)	To be mentioned	
16	Starting	Manual Auto rewind/Electric	
17	Trim and tilt up method	To be mentioned	
18	Engine Rated Horse Power and RPM	Minimum 55 Horse Power and rpm to be mentioned	
19	Engine test bench certificate	During Pre-Shipment Inspection Engine Test Bench Report (For each model) which was prepared by manufacturer during production of engine at factory premises must be produced and submitted to the team (Duly signed and stamped by the manufacturer). Other engines (Mentioning engine number) of the same model must be certified confirming the Engine Test Bench Report by the manufacturer (Duly signed and stamped)	
20	Full throttle operating range	To be mentioned	
21	No of Gear shift and ratio	To be mentioned	
22	No of carburetor	To be mentioned	
23	Ignition system	To be mentioned	
24	Type of fuel (Diesel/Petrol)	To be specified	
25	Cooling system	Water Cooled	
26	Operational Temperature	-5° C to +55° C	



Ser	Description	Specification	Must be filled up by the Manufacturer
27	Type of Propeller	Made of stainless steel	
28	Accessories and Tools: To be supplied as per manufacturer's standard which should include the following (For each OBM)		
	a.	Tiller handle with throttle function and engine stop switch.	
	b.	One 6 US gallon (minimum) Gasoline tank (Plastic/Steel/Fibre Glass) with gauge , fuel primer bulb & fuel line assembly.	
	c. Tools kit (For each OBM):		
	(1)	Ring Spanner set.	
	(2)	Spark plug wrench with handle	
	(3)	Pliers side cutting	
	(4)	Screw driver flat & Phillips	
	d. Basic Repair kit (For each OBM):		
	(1)	Head Gasket - 01 No	
	(2)	Water pump Gasket - 02 Nos	
	(3)	Water pump Impeller - 01 No	
	(4)	Spark plug - 02 Nos	
	(5)	Starting Rope - 01 No	
	(6)	Wad Drop Key - 01 No	
	(7)	Oil Drain with washer - 01 No	
	(8)	Cotter Pin - 02 Nos	
	(9)	Grease - 01 No	
29	Optional Require: Full throttle operating range (The OBM should have the service facilities to operate Trishark Boats or small raft subject to various load condition) in terms & nautical mile per hour.	To be mentioned	
30	Colour	a. Metallic Grey b. The word "Army" to be sealed on the suitable place of the item by indelible ink (Locally)	
31	Petrol Oil and Lubricant (POL) Information :		
	a. Type of fuel used in equipment	Information to be submitted. The required Petrol Oil and Lubricant (POL). Information to be submitted in compatible with Bangladesh Army.	
	b. Type of fuel to be used in Bangladesh		
	c. Type of engine oil used in equipment		
	d. Type of engine oil to be used in Bangladesh		
32	5% Fast and Slow Moving spare Parts on FOB value: Manufacturer's recommended list of 5% fast & slow moving spare parts of FOB showing unit price to be submitted along with the offer.		
33	Maintenance	Details to be mentioned	

