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TECHNICAL SPECIFICATION OF PROPELLER WING TAIL SHAFT FOR BNS SALAM

Ser	Particulars		Description
1.	Name of Item		Wing Tail Shaft
2.	Quantity		02 ✓
3.	Purpose		Item will be used to transmit engine power to the propeller
4.	Name of main equipment		Propeller Shaft of BNS SALAM
5.	Patt No		97OA100P03L
6.	IMC		M.S.0608.00006.0000
7.	Equipment brand		To be mention
8.	Equipment Model/Type		To be mention
9.	Country of origin		To be mention
10.	Country of manufacture		To be mention
11.	Year of manufacture		To be mention (2025 or Later, Preferable)
12.	Other technical details of the wing tail shaft	a. Length	8780 mm (as mention in drawing)
		b. Diameter	120 mm (as mention in drawing)
		c. Material	Stainless Steel (Non Magnetic)
		d. Shaft Speed	Min: 257.5 rpm, Max: 836.9 rpm
		e. Coupling with Intermediate shaft	i. Connected with intermediate shaft via solid coupling ii. Tail shaft is connected with solid coupling by threaded nut
		f. Number of Support for the Shaft	i. Stern tube (deep sea seal) ii. 3 x P-Bracket
		g. Details of P-Bracket	i. Dia (ID x OD)- 119.50mm x 162 mm ii. Length- 480 mm iii. Type of bush- Rubber cutlass bush iv. Brass thickness- 11 mm v. Rubber thickness- 10.2 mm
		h. Coupling with propeller	Solid keyed propeller & threaded boss nut
		j. Details of propeller	i. Dia – 1270 mm ii. Number of blade – 04 in no iii. Size of boss nut- Unknown
		k. Drawing	The drawing of the shaft is attached here with.
13.	Details of propulsion engine & gear box		
	a. Engine	Idle RPM	600 RPM
		Max RPM	1950 RPM
		Horse Power	3270 HP
	b. Gear Box	Type	Reverse Reduction gear box
Ratio		2.33:1	
Gear box actuation		Electric Actuation	
14.	Source of supply		To be mention
15.	Port of shipment		To be mention
16.	Manufacture's name and address		To be mention
17.	Supplier/local agent		To be mention
18.	Certificate and document of authentication		a. Warranty certificate b. Any other certificate deemed necessary

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Ser	Particulars	Description
19.	Packing/Labelling	To be packed and labeled for international shipping
20.	Warranty/ Compatibility/ Interfacing	At least 01 year from date of acceptance
21.	Installation	Installation work shall be carried out by BN
22.	Test-Trial and Acceptance	The item will be primarily inspected by CINS and secondarily by BN dockyard specialist. Test trial will be carried out after installation at harbour and at sea. Final acceptance will be given on completion of test trial.
23.	Site visit	Supplier may visit on board prior giving quotation. Focal point-CO SALAM (Cell No. 01769-784515)

Enclosure:

1. The drawing of the propeller shaft -01 (One) page.



29.01.26

MD BARIUL KARIM
Commander BN
FEO to COMFLOT WEST

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