

TENDER SPECIFICATION SPARE PARTS FOR MAIN ENGINE (BRAND: MTU)- BNS SHAHEED FARID, SHAHEED MOHIBULLAH AND SHAHEED DAWLAT

1. **Name of the Equipment** : Main Engine.
2. **Purpose** : The item will be used for **routine maintenance** of Main Engine.
3. **Quantity** : 87 Line Items (List Attached Encl -2)
4. **Country of Origin** : Germany.
5. **Country of Manufacturer** : USA, Austria, Belgium, Denmark, Singapore
Finland, France, Germany, Italy, Japan, Netherland,
Spain, Sweden and UK.
6. **Source of Supply** : Name & full address of source of supply is to be mentioned.
7. **Brand** : MTU
8. **Model** : 12V4000M93.
9. **Supplier/Local Agent** : Name & full address **with email** of supplier is to be mentioned.
10. **Principal/Distributor** : Name & full address **with email** of supplier is to be mentioned.
11. **Year of Manufacture** : 2025 or later.
12. **Port of Shipment** : To be mentioned.
13. **Mode of Shipment** : To be mentioned.
14. **Name of Manufacturer Address** : MTU Motoren-und Trubinen- UnionFriedrichshafen,
GmbH 88040, Friedrichshafen/ Germany.
Tel: (07541) 90-0, Telex : 734280-0 mtd,
Telefax : (07541) 90 3928,
Website: www.mtu-online.com

15. **Bidder's Qualification.** The Supplier must be enlisted at DGDP. The supplier must be commercially competent in trading technical stores. The concerned supplier is expected to have adequate knowledge in understanding all the technical criteria and ability to fulfill those in clear terms given in the indent. The supplier has to ensure that the source is either to be manufacturer or dealer/agent of the respective manufacturer (having clear existence in the manufacturer's authorization and website/fax & e-mail address) or sub-agent of the respective agent (having authorization from authorized dealer).

16. **Certificate and Document of Authentication.** The concerned supplier must provide following original certificate(s)/ document(s) as applicable with the quotation and during delivery of items as regard to the genuinity of source and item(s) in order to establish chain of links from the original source to supply items:

- a. One certificate by the Original Equipment Manufacturer (OEM) in favour of the local supplier (in case of OEM as principal).
- b. Two certificates, one by the OEM to authorized dealer/agent and other by the authorized dealer/agent to supplier (in case of authorized dealer/agent as principal).
- c. Three certificates, first one by OEM to authorized dealer/agent, second one by authorized dealer/agent to sub-agent and third one by sub-agent to supplier (in case of sub-agent as principal). If the supplier is unable to obtain the first certificate (by OEM to authorized dealer/agent), then it has to produce relevant document to prove agency-ship of its claimed agent of the recognized manufacturer.



17. **Essential Requirement.**

- a. The bidder must mention its full name and address along with the chain of concerned source(s) i.e. manufacturer, agent and sub-agent with the offer as applicable from whom it has to collect certificate(s)/ document(s).
- b. If the quoted part/ pattern no of item(s) is/ are dissimilar from the indented one because of recent modification or any other technical reason, then the supplier must provide an original certificate from manufacturer in favor of substitute and adequate information/ instruction in this regard, if so necessary. The offered spare shall perfectly match with the said model of the equipment; but if does not match, it will have to be replaced at free of cost including freight charge.
- c. The bidder is to quote the cost of each line item including number of units and unit price in clear terms. In case of partial order of quoted spare parts/ item(s), the total price will be calculated basing on number of units of each line item and unit price.
- d. The bidder/ local supplier is not allowed to supply from local obtained off the shelf or locally manufactured/ fabricated item.
- e. **Minimum Order of Quantity or Value:** To be mentioned (If item wise lowest bidder's price does not match with Minimum Order Quantity, then total offer will be treated as cancelled).
- f. The supplier can not disagree to supply the items, if the acceptance is given for minimum 25% of total quoted price.
- g. Financial evaluation of offer will be done for each line item separately. Accordingly, acceptance for all or part of the quoted line items will be given to a single or a number of bidder(s). In doing so, if any supplier shows inability or disagree to supply the ordered spares under para. The respective offer will be considered as "Technically Not Complied".
- h. The supplier must mention with its quotation about the requirement of End User Certificate (EUC), the format of which has been approved by Bangladesh Govt. In exceptional case (not expected), if the same EUC format does not serve the purpose, this is to be intimated in the quotation along with the format given by the source of supply.

18. **Guarantee and Warranty.**

- a. The supplier must ensure that all items are new and unused. The supplier must provide warranty for at least for 01 (one) year from the date of acceptance of the item(s) after satisfactory inspection, test, trial etc as applicable. If any defect/ discrepancy of any item arises within the period of warranty, the specific period from the date of notification of the defect/ discrepancy to the supplier up to the date of rectification of defect/ resolve of discrepancy will have to be deducted from the warranty period for that particular item(s).
- b. If any defect/ discrepancy arises, within warranty period, then the respective item(s) is/ are to be replaced at free of cost including freight within 03 (three) months from the date of notification of the same to the supplier. In this regard, the supplier must furnish an undertaking with the offer by stating, "I do hereby assure that we take the liability to replace all spare parts/ item(s) at free of cost including freight within three months from the date of notification about the defect/ discrepancy of the spare parts/ item(s) by the buyer, if it occurs within the period of warranty".
- c. For warranty repair/ replacement, the supplier will collect the defective portable item from NSD Chattogram/NSSD Dhaka and re-supply the same to collecting place after warranty repair or replacement.



19. **Shipment, Delivery and Inspection.**

a. **Shipment.** The items are to be delivered (**Without Import Duties**) within **09 (Nine)** months from the date of signing the contract to the following consignee.

The Commanding Officer
Naval Stores Depot
New Mooring, Chattogram,
Bangladesh

or Officer In Charge
Naval Stores Sub Depot Dhaka
Naval Unit Khilkhet
Namapara, Dhaka-1229, Bangladesh

b. **Place of delivery.** NSD, Chattogram.

c. **Inspection Authority.** CINS, Chattogram.

20. Part shipment is not allowed.

21. LC will be opened for CFR/CPT value. However, payment will be made as per following steps:

a. Payment of **60%** of CFR/CPT value will be made on submission of shipping documents.

b. Payment of remaining **40%** will be made after satisfactory acceptance of all the items i.e. after inspection/ test/ trial as applicable.

22. **Validity.** Offer must be valid up to **30 Jun 2027**.

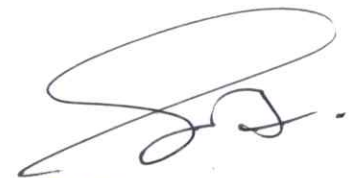
23. **Packing.** Standard Packing.

24. **Liquidate Damage (LD).** As per DGDP Rules.

25. **Certificate/ Document.** Following certificates are to be provided as original from the manufacturer in regard to the supplied spares as new, unused and genuine at the time of delivery:

- a. Authenticity and Genuineness Certificate.
- b. Quality Assurance Certificate.
- c. Warranty Certificate.

26. All terms and conditions of DGDP also remain valid. If any of the above terms and conditions contradicts with the terms and conditions laid down in the DGDP rules and regulations, the later shall supersede the same.


SAMWAL AHMED KHAN ADIT
Lt Commander BN
Staff Officer (Technical Stores-I)
Naval Headquarters
Banani, Dhaka-1213

LIST OF SPARE PARTS FOR MAIN ENGINE (BRAND: MTU)– BNS SHAHEED FARID, SHAHEED MOHIBULLAH AND & SHAHEED DAWLAT

Ser	Part No	Description of Item	Deno	Qty	Equipment Serial No
SHAHEED FARID & SHAHEED MOHIBULLAH					S/FARID Port : 526110704 Stbd :526110703 S/MOHIBULLAH Port : 526110709, Stbd :526110707
1.	X59420700016/87	Sea Water Pump	No	01	
2.	X52620200193/87	Water Pump High Temp Circuit (Fresh Water Pump)	No	01	
3.	205412422005	Cylindrical Roller Bearing (ME: - S/W pump)	No	08	
4.	200628103006	Bearing Angular Contact ACT Roller (ME: S/W Pump, OJ308)	No	12	
5.	5272010505	Shaft Water Pump (ME: Sea Water Pump)	No	04	
6.	000472080000	Ring Snap (SW Pump)	No	06	
7.	X59420700009	Bushing (SW Pump)	No	02	
8.	700386048001	Seal oil 48 x 72 x 8 mnn 286 (SW Pump)	No	10	
9.	700429135000	O Ring (SW Pump)	No	13	
10.	700429190001	O Ring(SW Pump)	No	10	
11.	5272010805	Shaft Water Pump (F/W Pump)	No	04	
12.	705100502035	Bearing Cylindrical Roller (ME: F/W Pump)	No	06	
13.	700429185002	O Ring (FW Pump)	No	04	
14.	5272010153	Spacer Sleeve (FW Pump)	No	04	
15.	X52620200028	Radial Lip Shaft Seal for Coolant pump	No	04	
16.	X52404200037	Gasket for Cylinder Head	No	72	
17.	X52404200052	Seal Ring	No	72	
18.	X52404100226	Inlet Valve	No	138	
19.	5240530805	Exhaust Valve	No	138	
20.	X52404100027	Valve seat Insert Inlet	No	120	
21.	5240530032	Valve Seat Insert Exhaust	No	120	
22.	735252039000	O Ring	No	48	
23.	5240160153	Tube Fuel Injector	No	24	
SHAHEED FARID					
24.	X52405500190	Profile Gasket Cylinder Head Cover	No	24	
SHAHEED FARID & SHAHEED MOHIBULLAH					
25.	X59407500022	Injector	No	72	
26.	700429021001	O Ring	No	72	
27.	0000160119	Sealing Ring	No	72	
28.	700429038003	O Ring	No	144	
29.	XP59307500002	O Ring	No	72	
SHAHEED FARID					
30.	XP59407700085	O Ring	No	24	
31.	XP54907700015	O Ring	No	24	
32.	5240980680	Gasket	No	24	
33.	X59499100411/87	Exhaust Pipe Bellows with Test Cert	No	02	
34.	X54799101739/87	Exhaust Pipe Bellows	No	04	
35.	735080022201	Valve non-Return RHD K 22-L 0.5 (LO Pump)	No	02	



Ser	Part No	Description of Item	Deno	Qty	Equipment Serial No
SHAHEED MOHIBULLAH, SHAHEED FARID					S/FARID Port : 526110704 Stbd :526110703 S/MOHIBULLAH Port : 526110709, Stbd :526110707
36.	XP58420400009	Gasket (Cooler Plate A Version)	No	216	
37.	XP58420400009	Gasket (Cooler Plate B)	No	04	
38.	XP58420400009	Gasket (Cooler Plate Version C)	No	04	
39.	XP58420400009	Gasket (First Plate)	No	04	
40.	XP58420400009	Gasket (End Plate)	No	04	
41.	X00041566	Rubber Seal	No	08	
SHAHEED FARID					
42.	0002035683/24	Rubber Bellows CCS Acceptance	No	02	
43.	X59620600007	Thermal Actuator (Heat exchanger)	No	10	
44.	XP52820200224	O Ring	No	06	
45.	735038006102	Hose	No	02	
46.	735038040106	Hose	No	02	
47.	700429130000	O Ring	No	04	
SHAHEED MOHIBULLAH					
48.	X52420200075	Rotary Seal (S/W Pump)	No	17	
49.	X00026765	Rotary Seal (F/W Pump)	No	16	
50.	5240530122	Valve Spring Inner	No	144	
51.	5240530120	Valve Spring Outer	No	144	
SHAHEED MOHIBULLAH, SHAHEED FARID & SHAHEED DAWLAT					
52.	0031845301	Oil Filter Spin-On	No	36	
53.	8591840001	Paper Pack Centrifugal Spinner Filter	No	22	
SHAHEED MOHIBULLAH & SHAHEED FARID					
54.	XP59408300095	Filter Element	No	26	
SHAHEED MOHIBULLAH, SHAHEED FARID & SHAHEED DAWLAT					
55.	X57508300091	Fuel Filter Spin-On	No	32	
SHAHEED MOHIBULLAH & SHAHEED FARID					
56.	X00037017	Impeller (ME: S/W pump)	No	08	
57.	X52620200185	Impeller (ME: F/W pump)		06	
SHAHEED MOHIBULLAH & SHAHEED FARID					
58.	700429130003	‘O’ Ring (130mm X 5mm)	No	06	
SHAHEED MOHIBULLAH					
59.	700429185002	‘O’ Ring (185x5)	No	08	
60.	70429135000	‘O’ Ring (135x 5)	No	08	
SHAHEED MOHIBULLAH & SHAHEED FARID					
61.	700429120002	‘O’ Ring (120x6)	No	06	
SHAHEED FARID					
62.	0180943002/ 4592056116	Filter Air	No	08	
SHAHEED FARID					
63.	XS594200.00017	Sea Water Cooler (ME)	No	01	
64.	X52623100059	Rubber Mount for Engine Mounting	No	04	
65.	X52417200010	Self Starter, 24V DC	No	01	
66.	X52417200010	Self Starter, 24V DC	No	01	
67.	X00E50206654/ (Model-EMU8-2/URL)	Engine Monitoring	No	01	



RESTRICTED

Ser	Part No	Description of Item	Deno	Qty	Equipment Serial No
68.	B00E50208510/S00 01/(Model: Lop14- 04, English)	Control Console With Display	No	01	<u>S/FARID</u> Port : 526110704 Stbd :526110703 <u>S/MOHIBULLAH</u> Port : 526110709, Stbd :526110707
69.	X00E50208945/SPU	Installation Metal for Control Panel	No	01	
70.	X00E50210680/S00 01	Network Switch for Copper Cable	No	01	
71.	X00E50213318	Bus Coupler for System Bus	No	01	
72.	X00E50208388	Pressure Sensor	No	02	
73.	X00018659	Pressure Sensor	No	02	
74.	X00E50207201	Pressure Sensor	No	02	
75.	0035352231	Pressure Sensor	No	02	
76.	X00E50210377	Temperature Sensor	No	02	
77.	0005357533	Speed Sensor	No	02	
78.	0005357633	Speed Sensor	No	02	
79.	X00E50208386	Pressure Sensor	No	02	
80.	X00E50203786	Temperature Sensor	No	02	
81.	X00E50203785	Temperature Sensor	No	02	
82.	0005356430	Temperature Sensor	No	05	
SHAHEED DAWLAT					
83.	0002000017	Pressure Cap (Expansion Tank)	No	02	
84.	X59420700016/ 87	Sea Water Pump	No	01	
85.	X52620200193 /87	Water Pump High Temperature Circuit	No	01	
86.	5800160033	Sealing Cap	No	24	
87.	5240160233	Sealing Cap	No	48	

Main Equipment

Name of Equipment : Main Engine
Brand : MTU
Model : 12V4000M93

Serial No:

- a. SHAHEED FARID : Port : 526110704 & Stbd :526110703
b. SHAHEED MOHIBULLAH: Port : 526110709, Stbd :526110707)

Address of Manufacture : MTU Friedrichshafen GmbH
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