Encl -1

TENDER SPECIFICATION SPARE PARTS FOR MAIN ENGINE (BRAND: MTU)– BNS DHANSIRI

1.	**Name of the Equipment**	:	Main Engine.
2.	**Purpose**	:	The item will be used for **top overhauling** of Main Engine.
3.	**Quantity**	:	47 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**	:	20 V538 TB-91.
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- Union Friedrichshafen, 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.

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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.

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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

Encl -2

LIST OF SPARE PARTS FOR MAIN ENGINE (BRAND: MTU)– BNS DHANSHIRI

Ser	Part No	Description of Item	Deno	Qty	Equipment Ser No
1.	5610500127	Exhaust Valve	No	240	20 SMO-538-9002 & 20 SMO-538-8901
2.	135C11001/2	Inlet Valve	No	204	
3.	135C01003/1	Stuffing Core	No	120	
4.	135C01096/1	Valve Guide Inlet	No	240	
5.	5610531630	Valve guide Exhaust	No	240	
6.	135B14055/1	Tapper Face Compress	No	04	
7.	135B14013/1	Slotted Oil Control Ring	No	01	
8.	5600370018	Conformable Oil cut	No	02	
9.	000N33726/1	Complete Nozzle Element	No	04	
10.	806B02709/2	Cylinder Roller Bearing	No	04	
11.	806B02703/1	Deep-Groove Ball Bearing	No	08	
12.	5610105520	Cylinder Head Complete	No	04	
13.	135C06019/3	Sealing Ring,Thickness-4.25 mm	No	40	
14.	135C06022/3	Sealing Ring,Thickness-4.35 mm	No	40	
15.	135C06024/3	Sealing Ring Thickness-4.45 mm	No	40	
16.	135C06028/3	Sealing Ring Thickness-4.65 mm	No	40	
17.	135A15003/1	Sealing Ring	No	08	
18.	5610110059	Sealing Ring	No	120	
19.	137D01001/1	Gasket	No	08	
20.	135D08003/1	Gasket	No	08	
21.	135D08004/1	Gasket	No	08	
22.	131D08003/1	Gasket	No	08	
23.	135D08005/1	Gasket	No	16	
24.	131D08002/1	Gasket	No	16	
25.	0020373819	Rectangular Section	No	02	
26.	135D11003/1	Copper Profile	No	40	
27.	135D11005/1	Sealing Ring	No	40	
28.	135D11007/1	Washer	No	40	
29.	135M37003/1	Gasket	No	40	
30.	5611420680	Gasket	No	40	
31.	5611420680	Gasket	No	40	
32.	5601420084	Shim	No	80	
33.	5611420076	Washer	No	24	
34.	806C01009/1	Gasket	No	04	
35.	5611420376	Washer	No	24	
36.	804D01005/2	Gasket	No	04	
37.	135A19004/2	Rubber Ring	No	08	
38.	5600100140	Ring	No	16	
39.	806B06015/1	Distance Ring	No	08	
40.	806B01033/1	Locking Piece	No	08	
41.	806B01032/1	Grooved Nut	No	08	
42.	806B01008/1	Distance Ring	No	08	
43.	806A23505/1	Inner Retaining	No	04	
44.	806B05009/1	Gasket	No	04	
45.	806B05021/1	Adjusting Ring	No	04	

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Ser	Part No	Description of Item	Deno	Qty	Equipment Ser No
46.	804A09002/1	Collared Bush	No	04	20 SMO-538-9002 & 20 SMO-538-8901
47.	804C01022/1	Gasket	No	04	

Main Equipment:

Name of Equipment : Main Engine
Brand : MTU
Model : 20 V538 TB-91
Manufacture Address : Motoren Und Terbine Union Fried-Rich Shafen GMBH.
M.A.N.May Boch Merceds.Benz 7990.Frifdricshafen,Germany.

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