

**TENDER SPECIFICATION OF SPARE PARTS FOR MAIN ENGINE AND DIESEL GENERATOR (BRAND: PAXMAN)-BNS TURAG, KAROTOA, SANGU AND SALAM**

1. **Name of the Equipment** : Main Engine and Diesel Generator
2. **Purpose** : The items will be used for Top Overhauling of DG and Major Overhauling of ME.
3. **Quantity** : 74 Line Items
4. **Country of Origin** : England
5. **Country of Manufacturer** : USA, Austria, Belgium, Denmark, Finland, France, Germany, Italy, Netherland, Spain, Sweden, Singapore, UK, Japan.
6. **Source of Principal/Supply** : Name & full address of source of supply is to be mentioned.
7. **Brand** : Paxman
8. **Model** :
  - a. Diesel Generator : 6RPHZ
  - b. Main Engine : 12V P185
9. **Supplier/Local Agent** : Name & full address with email of authorized distributor is to be mentioned.
10. **Year of Manufacture** : 2022 or later.
11. **Port of Shipment** : To be mentioned
12. **Original Equipment Manufacturer (OEM) Address:**

Paxman Diesel Ltd.  
Paxman Works, Colchester Essex England,  
PO Box No 08,  
Tel. Colchester151, Telex.98151

13. **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).

14. **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.
- d. Except otherwise the spares is not manufactured by OEM then the certificate of spares' manufacturer or its authorized dealer/distributor may be considered subject to confirmation

15. **Essential Requirement.**

- a. The bidder must mention it's 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.

16. **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.

17. **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, Chittagong,  
Bangladesh

Or Officer In Charge  
Naval Stores Sub Depot Dhaka  
Naval Unit Khilkhhet  
Namapara, Dhaka-1229, Bangladesh

- b. **Place of delivery.** NSD, Chattogram.
- c. **Inspection Authority.** CINS, Chattogram.

18. Part shipment is not allowed.

19. LC will be opened for full contract value. However, payment will be made as per following steps:

- a. Payment of 60% of total contract 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.

20. **Validity.** Offer must be valid up to **30 Jun 2024.**

21. **Packing.** Standard Packing.



22. **Liquidate Damage (LD)**. As per DGDP Rules.
23. **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.
24. 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.

**LIST OF SPARE PARTS FOR MAIN ENGINE AND DIESEL GENERATOR (BRAND: PAXMAN)**

Ser	Part No	Description of Item	Deno	Qty	Model	Equipment Ser No	
<b>DIESEL GENERATOR- BNS TURAG, KAROTOA &amp; SANGU</b>							
1.	RPH12237	Water Transfer Ferrule Long	No	12	6RPHZ		
2.	RPH12237A	Water Transfer Ferrule Small	No	06			
3.	RPH10022A	Joint for Water out let Bend	No	12			
4.	OD17947	Joint for Exhaust Manifold	No	08			
5.	RPH45014	Joint for Flanges	No	08			
6.	RPH14034A	Piston Ring Top Groove	No	18			
7.	RPH14347B	Piston Ring 2nd Groove	No	18			
8.	RPH14042C	Piston Ring 3 <sup>rd</sup> Groove	No	18			
9.	RPH14069C	Piston Ring 4 <sup>th</sup> Groove	No	12			
10.	OD27750	Spring for Ring 4 <sup>th</sup> Groove	No	18			
11.	RPH14123F	Bolt Forked Connecting Rod	No	24			
12.	RPH14137	Nut for Bolt	No	24			
13.	RPH14135E	Bolt for Center Connecting Rod	No	24			
14.	RPH14136A	Nut for Bolt	No	24			
15.	6RPH12124B	Joint Crankcase to Cylinder Head	No	04			<b><u>BNS TURAG</u></b>
16.	RPH2882A	Cylinder Liner	No	12			DG-01: 18682 DG-02: 18684
17.	RPH10899	Hot Plug	No	06			
18.	RPH10328A	Inlet Valve 30°	No	18			
19.	RPH10329B	Exhaust Valve 45°	No	18			
20.	6RPH10113D	Joint Cover to Cylinder Head	No	06			<b><u>BNS KAROTOA</u></b>
21.	6RPH10114B	Joint Between Cover	No	04			DG-02: 740008/5
22.	6RPH10031S	Gasket for Cylinder Head (0.051" thick)	No	06			
23.	6RPH1112612D	Joint Sump to Crankcase	No	01			<b><u>BNS SANGU</u></b>
24.	6RPH12644	Joint Relief Valve to Sump	No	01			DG-02: 730004/10
25.	RPH1137117A	Joint for Flange	No	02			
26.	RPH14155B	Shell for Crankshaft (0.030"/.75mm)	PR	01			
27.	RPH3580	Shell for Center Rod	PR	03			
28.	RPH14114C	Large End Bearing Block	No	01			
29.	RPH17075B	Oil Thrower Free End	No	01			
30.	RPH17031A	Oil Thrower Drive End	No	01			
31.	TP503	Dowel for shell	No	08			
32.	RPH13215C	Joint Between Covers	No	02			
33.	RPH 13322A	Joint Plate to Crankcase	No	01			
34.	OD 24834	Oil Seal, Free End	No	01			
35.	RPH 13313A	Joint Cover to Plate	No	01			
36.	TP2020	Injector Nozzle	No	30			
37.	NW5/43	Joint Nozzle to Cylinder Head	No	12			
38.	OD17496	Joint Exhaust Branch Pipe	No	04			
39.	OD17497	Joint, Exhaust Bend Branch Piece	No	04			
40.	OD27829	Fuel Injector Assembly	No	06			



RESTRICTED

Ser	Part No	Description of Item	Deno	Qty	Model	Equipment Ser No
<b>DIESEL GENERATOR- BNS TURAG &amp; KAROTOA</b>						
41.	OD22328	Fuel Filter	No	06	6RPHZ	<b><u>BNS TURAG &amp; KAROTOA</u></b>  DG-1: 18682 DG-2: 18684 D-3: 740008/5
42.	OD27855	Lub Oil Filter	No	06		
43.	OD15204	Air Filter	No	06		
44.	OD21581P6	Seal for Element	No	06		
45.	CAV7008/188	Banjo Screw	No	18		
46.	CAV5339/543	Joint Washer	No	36		
47.	OD27493	Tacho Generator	No	03		
48.	75-OA-246	Duplex Lub Oil Filter	Pair	03		
49.	OD15204P1	Element for Filter	No	06		
50.	OD23716	Air Starting Motor	No	03		
51.	NW5/60	Washer	No	18		
52.	5936/298	Shim Washer	No	18		
<b>MAIN ENGINE- BNS SALAM</b>						
53.	YN10420C	Push Rod	No	12	12V P 185	<b><u>BNS SALAM</u></b>  Port : 950008/1 Stbd : 950008/2
54.	OD32143	Gasket for Valve Cover	No	06		
55.	ST352375	O Ring	No	06		
56.	ST310049	Bolt, Cover to Head	No	12		
57.	YN10234	Support Bracket	No	06		
58.	YN12589B	Sandwich Plate	No	12		
59.	OD35434	O Ring Seal	No	12		
60.	OD35435	Viton 'o' Ring Sandwich Plate Lower	No	12		
61.	YN12586	Sealing Block Assembly	No	12		
62.	YN12587	Joint Ring, 18 Dia Hole	No	24		
63.	YN12569	Joint Ring, 14 Dia Hole	No	18		
64.	OD32026	Seal Push Rod Holes	No	12		
65.	OD31845	Viton 'o' Ring	No	48		
66.	YN37096	Filter Element	No	08		
67.	12YN42356A	Impeller	No	02		
68.	12YN42381A	Transfer Plate	No	02		
69.	OD32019	Oil Seal	No	04		
70.	OD32017	Set Screw	No	08		
71.	OD32020	Wrapped Bush	No	02		
72.	12YN42385	Thrust Washer	No	02		
73.	12YN42379	Bearing Housing	No	02		
74.	12YN42386	Spacer Ring	No	02		

**Main Equipment**

Name of Equipment : Diesel Generator & Main Engine  
 Brand : Paxman  
 Address of manufacture : Paxman Diesel Ltd.  
 Paxman Works, Colchester Essex England,  
 PO Box No 08,  
 Tel. Colchester151, Telex.98151

