

**TENDER SPECIFICATION OF SPARE PARTS FOR MAIN ENGINE AND DIESEL GENERATOR (BRADN: JINAN)**  
**BNS CHITRA, TITAS AND ALI HAIDER**

1. **Name of the Equipment** : Main Engine & Diesel Generator.
2. **Purpose** : The item will be used for corrective maintenance of ME & DG.
3. **Quantity** : 61 Line Items (List Attached Encl -2)
4. **Country of Origin** : China
5. **Country of Manufacturer** : To be mentioned
6. **Source of Supply** : Name & full address of source of supply is to be mentioned.
7. **Brand** : Jinan
8. **Model**
  - a. Main Engine : G12V190ZLC1
  - b. Diesel Generator : Z12V190BCD-2
9. **Supplier/Local Agent** : Name & full address with email of supplier is to be mentioned.
10. **Year of Manufacture** : 2023 or later.
11. **Port of Shipment** : To be mentioned
12. **Original Equipment Manufacturer (OEM) Address:**
  - : Jinan Diesel Engine Co Ltd  
No-11966, West Jingshi Road, Jinana, China.
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.

15. **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 cannot 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	or	Officer In Charge
Naval Stores Depot		Naval Stores Sub Depot Dhaka
New Mooring, Chittagong,		Naval Unit Khilkheth
Bangladesh		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 2025.**

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 (BRADN: JINAN)- BNS- CHITRA,  
TITAS AND ALI HAIDER**

Ser	Part No	Description of Items	Deno	Qty	Model	Equipment Ser No
<b>Main Engine- BNS CHITRA &amp; TITAS</b>						
1.	12VB.03.008	Cylinder Head	No	04	G12V190ZLC1	2016.0001
2.	12VB.01.03	Gasket Cylinder Head	No	04		
3.	12VB.01.146	Seal Gasket	No	10		
4.	12VB01.05	Sleeve	No	12		
5.	12V01.12	Rubber Seal Ring	No	48		
6.	12VB03.11	Seal Ring	No	04		
7.	12VB.03.12A	Seal Ring	No	04		
8.	12VB.03.51	Gasket	No	08		
9.	12VB.08.10.14	Gasket	No	08		
10.	Z12VB.09.04B	Gasket	No	08		
11.	12V.16.20E	Injector Nozzle Assembly	No	14		
12.	12V.16.15A	Injector Washer	No	24		
13.	12V.16.15A1	Washer	No	12		
14.	12V.16.15A2	Washer	No	12		
15.	12V.24.07	Gasket (Water)	No	04		
16.	12VB.03.80.05	Seat Intake Valve	No	24		
17.	12VB.03.80.04	Seat Exhaust Valve	No	24		
18.	Z12VB.09.04A	Gasket Exhaust	No	24		
19.	12VB.08.10.14	Gasket Intake	No	24		
20.	Z12VB.08.10.03A	Gasket	No	08		
21.	12VB.18.10B	Filter Element Group	No	24		
22.	12VB.16.00E	Injector	No	12		
23.	12VB.36.00A	Air Filter	No	02		
24.	12VB.18.00B	Lub Oil Filter	No	02		
25.	12VB.10.00	Fuel Filter	No	02		
<b>DIESEL GENERATOR- BNS ALI HAIDER</b>						
26.	2815780729057	Oil Filter Element Group	No	06	Z12V190BCD-2	DG-1: 20050852 DG-2: 20050853 DG-3: 20050854
27.	2815780721000	Injector Assy.	No	36		
28.	2815780721059	Nozzle Couple Sub Assy.	No	36		
29.	2815780721061	Injector Washer	No	36		
30.	2815780716057	Corrugated Pipe	No	06		
31.	2815780716060	Gasket	No	12		
32.	2815780716055	Gasket	No	06		
33.	2815780716084	Gasket	No	12		
34.	2815780733053	Seal Ring	No	06		
35.	5310780500138	Washer	No	48		
36.	531078050034	Spring Washer	No	48		
37.	2815780795023	Gasket	No	06		
38.	2815780731116	Seal Ring	No	09		
39.	5306780500263	Hex Bolt	No	09		
40.	2815780701124	Cylinder Head Gasket	No	24		
41.	2815780701055	Seal Gasket	No	36		
42.	2815780701056	Seal Ring	No	96		
43.	2815780703067	Gasket	No	36		
44.	2815780713074	Gasket	No	36		
45.	2815780713056	Gasket	No	12		
46.	2815780713065	Gasket	No	06		
47.	2815780713067	Gasket	No	36		
48.	2815780713087	Gasket	No	12		
49.	2815780716055	Exhaust Manifold Gasket	No	06		
50.	2815780795062	Copper Washer	No	04		

Ser	Part No	Description of Items	Deno	Qty	Model	Equipment Ser No
51.	2815780703090	Rocker Bridge Bulb Head	No	24	Z12V190BCD-2	DG-1: 20050852 DG-2: 20050853 DG-3: 20050854
52.	2815780703097	Sealing Ring Head Cover	No	24		
53.	2815780703095	Sealing Ring	No	24		
54.	2815780703073	Inlet Valve Seat	No	48		
55.	2815780703074	Inlet Valve	No	40		
56.	2815780703075	Exhaust Valve Seat	No	48		
57.	2815780703076	Exhaust Valve	No	48		
58.	2815780703084	Valve Split Collect	No	96		
59.	2815780703079	Valve Guide	No	96		
60.	2815780703122	Seal Gasket	No	24		
61.	2815780703124	Cylinder Housing Gasket	No	24		

**Main Equipment:**

Name of Equipment : Main Engine & Diesel Generator  
 Brand : Jinan  
 Model : G12V190ZLC1 & Z12V190BCD-2  
 Manufacture Address : Jinan Diesel Engine Co Ltd  
 No-11966, West Jingshi Road, Jinana, China.

