TECHNICAL SPECIFICATION OF FORKLIFT (CAPACITY: 5 TON)

1. **Name of the Equipment.** Forklift.

2. **Purpose.** The Forklift shall be used for lifting, loading, unloading and transportation of heavy materials, machinery, equipment and stores within the Dockyard/Workshop premises. It shall be suitable for handling palletized and non-palletized materials using its standard forks. The machine shall be suitable for continuous industrial-duty operation.

3. **Quantity.** 2 (Two).

4. **Manufacture/ Brand/ Principal Supplier & Local Agent.** Name and full address are to be mentioned.

Ser	Description	Remarks
a.	Manufacture/ Brand (Standardized)	TCM/ BT/ Caterpillar/ Nexen (To be mentioned)
b.	Principal Supplier	To be mentioned
c.	Local Agent	To be mentioned

5. **Year of the Manufacture.** 2026 or later. The item should be brand new and original.

6. **Country of Origin.** Japan, UK, USA and EU Countries.

7. **Manufacturing Country.** Same as Country of Origin.

8. **Certificate/Document of Authentication.** The supplier shall submit the following certificate(s)/ document(s) along with the offer/ quotation to establish the authenticity and source of the forklift:

   a. One certificate/document by the manufacturer in favour of the Local agent (in case of manufacturer is the principal Supplier).

   b. Two certificates/documents, one by the manufacturer to authorized distributor/dealer and other by the authorized agent/ dealer to supplier (in case of authorized agent/ dealer as immediate source). If dealership is found available in the manufacturer's website, separate certificate will not be required from manufacture in such case, only the dealer's authorized agent will submit one certificate.

   c. Three certificates/documents, first one by the manufacturer to authorized distributor/agent, second one by authorized distributor/agent to Principal Supplier and third one by Principal Supplier to Local agent (in case of principal supplier supplies the item from manufacturer's authorized distributor/agent).

9. **Standard.** The offered equipment shall be designed, manufactured, tested, and certified in accordance with the applicable international standards of the country of manufacture (EN/CE, ANSI/ASME, BS/BS EN/UKCA, JIS, CSA, or AS/NZS or equivalent as applicable). The bidder shall submit valid documentary evidence of the standard to which the quoted forklift complies with.

10. **Safety Rules.** The safety rules to which the Forklift conforms are to be specified in detail. The safety devices fitted with the offered Forklift are to be mentioned separately.

11. **Ambient Condition.**

Ser	Description	Remarks
a.	Temperature	5°C to 50°C.
b.	Relative humidity	Up to 95% (non-condensing)
c.	Location	Close to the seashore

12. **Scope of Supply.** The scope of supply is to include the following:

   a. 02 x Forklifts with all items necessary for immediate operation without the requirement of any other items (attachments, accessories, consumables, etc) (as per paragraphs 13 and 14).

   b. Spare parts (as per paragraph 15).

   c. Tools (as per paragraph 16).

d. Optional Items (as per paragraph 17).

e. Test, Trial, and Acceptance (as per paragraphs 18).

f. Documents (instruction manual, workshop level repair manual, parts catalogue, factory test certificate, etc, as applicable) (as per paragraph 19).

g. Warranty and Guarantee (as per paragraphs 20 and 21).

13. **Technical Specification.**

a.	**General**		
	(1)	Type	To be mentioned
	(2)	Brand	TCM/ BT/ Caterpillar/ Nexen
	(3)	Country of Origin and Manufacture	Japan, UK, USA and EU Countries
	(4)	Model	To be mentioned
	(5)	Lifting Capacity	Minimum 5 tons
	(6)	Turning Radius	To be mentioned
	(7)	Overall Width	To be mentioned
	(8)	Maximum Fork Height (Upright Extended)	To be mentioned
	(9)	Travel Speed (Full Load)	To be mentioned
	(10)	Operators Position	Seated
	(11)	Tyre Size	To be mentioned
	(12)	Tyre Type	Pneumatic (Industrial)
	(13)	No of Wheels	To be mentioned
	(14)	Brake System	Hydraulic brake
b.	**Mast**		
	(1)	Type	To be mentioned
	(2)	Height of lift	To be mentioned
	(3)	Free lift	To be mentioned
	(4)	Closed/Lowered Height	To be mentioned
	(5)	Extended height	To be mentioned
c.	**Fork**		
	(1)	Fork Size	To be mentioned
	(2)	Fork Type	To be mentioned
	(3)	Length to Fork Face	To be mentioned
d.	**Engine**		
	(1)	Engine Type	4 Stroke Diesel Engine
	(2)	Model	To be mentioned
	(3)	Country of Origin and Manufacture	Japan, UK, USA, EU Countries
	(4)	Maximum Power/RPM	To be mentioned
	(5)	Fuel Tank Capacity	To be mentioned
	(6)	Number of Cylinder	To be mentioned
	(7)	Cooling System	Water cooled
	(8)	Control System/ Position	Hand, Pedestrian, Stand-I, Rider Seated
e.	**Transmission**		
	(1)	Type	To be mentioned
	(2)	Model	To be mentioned
	(3)	Maker	To be mentioned

14. **Standard Accessories and Attachment**. Standard accessories and attachment must include all items and accessories essential for operating each Forklift, whether mentioned in the specification or not. The price of standard accessories is to be included in the total price. However, an itemised price list of standard accessories is to be provided with the offer for reference value only.

15. **Spare Parts**. A recommended list of spare parts required for each Forklift for 03 years running is to be provided with the quotation indicating itemised price. BN shall have option to choose from the list of spares partially or completely. However, these prices will not be included for financial evaluation of offer.

16. **Tools**. 1 (One) set of standard tools for each Forklift is to be provided, without additional cost. The quantity and size of the tools are to be mentioned in the quotation.

17. **Optional Items**. The quotation should include a list of optional items (if any) required to operate the forklifts. BN shall have option to choose from the list of optional items partially or completely. However, these prices will not be included for financial evaluation of the offer.

18. **Test/ Trial and Acceptance**. The Supplier shall carry out the test, trial and performance demonstration of the forklift at the installation site in the presence of the Buyer. The forklift shall be tested and demonstrated to verify compliance with the specified technical requirements and satisfactory operational performance. Upon satisfactory completion of the test, trial and performance demonstration, and acceptance of the forklift by the Buyer, an Acceptance Certificate shall be jointly signed by the authorized representative of the Supplier and the authorized representative of the Buyer.

19. **Documents**. 2 (Two) sets of the following documents in English are to be provided with the Forklift (free of cost):

a. **Instruction Manual**. It should contain the following:

(1) Detailed particulars and specifications of the Forklift and their components.
(2) Operation and safety instruction.
(3) Maintenance instructions, including maintenance schedule for the Forklift & their accessories.

b. Workshop-level repair manual (if any).
c. Parts catalogue and parts identification list with internationally recognised Part No.
d. Factory test certificate.

20. **Warranty**. Warranty for trouble free operation is to be given by the supplier/ manufacturer for all the supplied items for a period of 12 months from the date of acceptance by the buyer. During the warranty period, if the forklifts remains non-operational for any action pending by the supplier, the warranty period will be extended for the same period. The warranty covers all parts and labour (including service engineer's cost) throughout the warranty period.

21. **Guarantee**. The manufacturer will guarantee to supply the spares for at least 10 years at reasonable price. Yearly increase of price of spares should not be more than 5% of the price provided in the quotation.
with the quotation.

22. **Shipment**. The following information is to be provided (if applicable):

a. The supplier will arrange shipment of all items by sea/ airport to Chattogram, Bangladesh.

b. All items are to be delivered in sea/air-worthy packaging to ensure safe transportation by sea/ air.

c. All packages are to have packing notes showing their contents in detail and all packages shall be marked with the name and address of the consignee and gross weight.

d. The supplier will arrange transportation of all supplied items from sea/ airport to the NSD Chattogram.

e. **Port of Shipment**. Any port of the manufacturing country.

23. **Delivery**.

a. The items are to be delivered within **06 (Six) months** from the date of signing the contract to the following consignee:

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

b. **Place of Delivery**. NSD Chattogram.

24. **Validity of Offer**. The offer should remain valid till **30 June 2027.**

25. **Currency**. Local Currency.

26. **Terms of Payment.** 100% of Total Contract Price (TCP) will be paid in local currency as per existing rules after satisfactory test/ trial and acceptance by BN.

27. **Price.** Price is to be quoted without import duties.

28. **Condition for Acceptance of Quotation**. The quotation shall have supporting documents (booklets, leaflets, catalogues, brochures, etc.) with details about Forklift. If detailed information regarding specifications, maker's books and catalogue for the quoted model of the Forklift, spare parts, accessories, scope of supply, etc, are not provided; the quotation will not be accepted.

29. **Compliance Statement**. A compliance statement fulfilling all the requirements of the tender is to be submitted with the offer for evaluation of the quotations. Merely stating 'Yes' or 'No' will not suffice, rather detailed descriptions/information as required are to be provided. An incomplete compliance statement may contribute to the cancellation of the offer. If any clause of this specification is not commensurated with the offered Forklift, the deviation must be spelt out clearly.

M RAKIBUL HASAN
Commander BN
Member Secy
Date: 17/10/26
Construction,
Naval Headquarters
Banani Dhaka-1213

A B M HABIB RAHMAN
Lt Commander BN
Staff Officer (NS-1)
Naval Headquarters
Banani, Dhaka-1213
DNS (Reg)
Member
Date:

12-10-26
MD TARIFUL ISLAM
Lt Cdr BN
Staff Officer (Plans-II)
Naval Headquarters
Banani, Dhaka-1213
PNP (Reg)
Member
Date:

MD SHAHRIAR ALAM
Captain BN
Director of Naval Armament
Inspection and Supply
NHQ, Banani, Dhaka-1213
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DNA&S
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Date:

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A K M BODRUL QADIR
Captain BN
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DNIT
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Date:

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S M MAHBUBUZZAMAN
Commodore BN
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and Electrical Engineering
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DNW&EE
Member
Date:

MD SHAHIDULLAH AL FARUQ
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Director of Naval Engineering
Naval Headquarters
Banani, Dhaka-1213
DNE
President
Date: