

TENDER SPECIFICATION OF BENCH DRILL MACHINE

1. **Name of the Equipment.** Bench Drill Machine .
2. **Purpose.** The Bench Drill Machine shall be used in Bangladesh Navy Dockyard for precision drilling, reaming, counterboring and tapping operations on metallic and other suitable materials used in ship repair, maintenance, fabrication and fitting activities. It shall be suitable for drilling holes in mild steel, stainless steel, aluminium, brass, bronze and other engineering materials for small- and medium-sized components. The machine will be used for preparing holes in brackets, clamps, supports, plates, small flanges, machinery fittings and other workshop components for bolting, fastening, assembly and installation purposes. The machine shall be suitable for continuous industrial-duty operation and comply with internationally accepted engineering standards.

3. **Quantity.** 01 (One) in number.

4. **Manufacturer and Supplier.** Names and full addresses are to be mentioned in the following table.

Ser	Description	Remarks
1.	Manufacturer/ Brand	To be mentioned
2.	Supplier	To be mentioned

5. **Year of Manufacture.** 2026 or later. The item should be brand new and original.
6. **Country of Origin (Including all components).** USA, UK, EU Countries, Japan, Canada and Australia.
7. **Manufacturing Country (Including all components).** USA, UK, EU Countries, Japan, Canada and Australia.
8. **Certificate/ Document of Authentication.** The local supplier shall submit the following certificate(s)/document(s) along with the offer/quotation to establish the authenticity and source of the machine:

- a. One certificate/ document by the manufacturer in favour of the supplier (in case of manufacturer as direct source).
- b. Two certificates/ documents, one by the manufacturer to authorized agent and other by the authorized agent to supplier (in case of authorized agent as immediate source).

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 complies with the applicable standard(s).

10. **Operating Environment of Machine.** The operating environment of the machine is as follows:

1.	Air temperature	+05°C to +45°C.
2.	Relative humidity	Up to 95% (non-condensing)
3.	Location	Close to the sea



11. **Scope of Supply.** The scope of supply is to include the followings:

- a. Main items (01 x Bench Drill Machine) complete with all items necessary for immediate operation without the requirement of any other items (attachments, accessories, consumables, etc) (as per paragraph 12 and 13).
- b. Spare parts (as per paragraph 14).
- c. Special Tools (as per paragraph 15).
- d. Document and certificates (as per paragraph 16 and 17).
- e. Installation, Test/ trial & acceptance and Training (as per paragraph 18 to 20).
- f. Warranty and Guarantee (as per paragraph 21 and 22).
- g. Any other issue relevant (if any).

12. **Technical Specification.**

Ser	Description
a.	Type
b.	Model
c.	Maker
d.	Drill capacity
e.	Drilling Range
f.	Tapping Capacity
g.	Spindle Taper
h.	Worktable
i.	Table size / T-slot size
j.	Dimension (Lx W x H)
k.	Spindle stroke
l.	Spindle Speed
m.	Feed
n.	Number of Speed
o.	Distance from the spindle centre to the face of the column
p.	Electric Supply
q.	Coolant System
r.	Machine weight (kg)
s.	Cable



13. **Standard Accessories.** Standard accessories shall include all items, attachments, tools, fittings and accessories necessary for the proper installation, commissioning, safe and efficient operation and routine maintenance of the machine, whether specifically mentioned in the specification or not. The cost of all standard accessories shall be **included in the total offered price**. However, the bidder shall submit an itemized price list of the standard accessories along with the offer for reference purposes only. The list shall include but shall not be limited to the following:

Ser	Name of item
a.	Morse Taper Drift Key
b.	Keyed Drill Chuck & safety Key Set
c.	MT3 Drive Arbor
d.	Reduction Sleeves Set
e.	T-slot bolts
f.	Tool holders
g.	Tapper Sets
h.	Drill Bit Set

14. **Spare Parts.** A recommended list of spare parts required for the Bench Drill Machine for 05 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 the offer.

15. **Special Tools.** Special tools (if required) for carrying out maintenance of the Bench Drill Machine are to be provided without additional cost. Details of the tools are to be mentioned in the quotation.

16. **Documents.** 03 (three) sets of following documents in English language are to be supplied free of cost with Bench Drill Machine:

- Machine operation and maintenance manual.
- Electrical/hydraulic diagrams (if any).
- Installation instruction and drawings (if any).
- Spare parts catalogue and its components.
- Factory test certificate/performance certificate

17. **Quality Assurance Certificate.** Quality assurance certificate in respect of the associated equipment regarding its manufacturing and performance is to be provided at the time of delivery of the items.

18. **Installation.** The Bench Drill Machine shall be installed, commissioned and tested at BN Dockyard Mongla by the supplier/manufacturer's authorized representative in the presence of the Buyer. The supplier shall provide all necessary installation materials, fittings, tools, accessories and services required for proper installation and commissioning of the complete machine without additional cost.

19. **Test/ Trial and Acceptance.** The Supplier shall carry out the test, trial and performance demonstration of the Bench Drill Machine at the installation site in the presence of the Buyer. The Machine 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 Machine by the Buyer, an Acceptance Certificate shall be jointly signed by the authorized representative of the Supplier and the authorized representative of the Buyer.



20. **Training.**

a. Supplier after successful completion of the installation, commissioning, tests and trials of the Machine. The training shall be conducted by a suitably qualified and experienced technician/engineer authorized by the OEM. All costs associated with the trainer, including transportation, accommodation and other incidental expenses, if applicable, shall be borne by the Supplier.

b. The training shall cover, as a minimum, safe operation, machine settings and adjustments, routine operation, periodic inspection, preventive maintenance, troubleshooting, minor repairs, replacement of consumable and serviceable parts, calibration, tuning and setting-to-work (STW) of the Machine.

21. **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 Bench Drill Machine 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.

22. **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.

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

a. The supplier will arrange shipment of all items by sea/ airport to 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. **Port of Shipment.** Any port of manufacturing country.

24. **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.** The supplier will arrange transportation of all supplied items from respective sea/ airport to NSD Chattogram. On completion of inspection supplier will carry all the items to the installation site (BN Dockyard Mongla) at the cost and risk of his own.

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

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.** Quotation should have supporting documents (booklets, leaflet, catalogue, brochure etc) having detailed particulars of the Machine offered. If detailed information including spare parts, accessories, scope of supply, etc are not provided, the quotation will not be accepted.

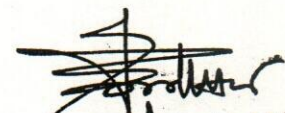
29. **Compliance Statement.** A compliance statement fulfilling all the requirements of the tender is to be submitted for evaluation of the quotations. Stating mere 'Yes' or 'No' will not suffice. An incomplete compliance statement may lead to the cancellation of the offer. If any clause of this specification does not commensurate with offered Machine, the deviation must be spelled out clearly.

Enclosure:

- Figure of Bench Drill Machine - 01 (One) page.

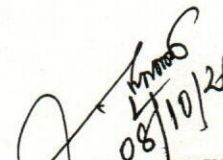

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Commander BN
DDNE (Construction)
Naval Headquarters
Banani Dhaka-1213
Date: 08/10/26


MEHREZUL HASAN
Lt Cdr BNP (Rep)
Staff Officer (NS-2)
Naval Headquarters
Banani Dhaka-1213
Date: 08/10/26


MD TARIFUL ISLAM
Lt Cdr BNP (Rep)
Staff Officer (Plans-II)
Naval Headquarters
Banani Dhaka-1213
Date: 08/10/26


MD SHAHRIAR ALAM
Captain BNS
Director of Naval Armament
Inspection and Supply
NHQ, Banani, Dhaka-1213
Date: 08/10/26


A K M BODRUL QADIR
Captain DNT
Director of Naval Info & Tech
Naval Headquarters
Banani Dhaka-1213
Date: 08/10/26


S M MANIRUZZAMAN
Commander BN
Director of Naval Weapons
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