

TECHNICAL SPECIFICATION OF PORTABLE STEEL BAR CUTTING MACHINE

1. **Name of the Equipment.** Portable Steel Bar Cutting Machine.

2. **Purpose.** It is used for cutting various steel bar.

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

4. **Manufacturer, Principal Supplier & Local Supplier.** Name and full address to be mentioned.

a.	Manufacturer	To be mentioned
b.	Principle Supplier	To be mentioned
c.	Local Supplier	To be mentioned

5. **Country of Origin.** USA, UK, EU Countries, Canada, Japan, Australia, South Korea, Turkey and New Zealand.

6. **Manufacturing Country.** USA, UK, EU Countries, Canada, Japan, Australia, South Korea, Turkey and New Zealand.

7. **Year of Manufacture.** 2022 or later.

8. **Certificate/Document of Authentication.** The local supplier must provide following certificate(s)/ document(s) with the offer/quotation 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/ 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 Portable Steel Bar Cutting Machine is to be designed and constructed fulfilling the requirement of International standard. The standard to which the quoted Portable Steel Bar Cutting Machine complies with is to be specified (class certificate, ISO etc).

10. **Ambient Condition.** The Portable Steel Bar Cutting Machine will have to operate in a highly corrosive marine environment whose particulars are as follows:

a.	Air temperature	+05°C to +45°C
b.	Sea water temperature	+05°C to +35°C
c.	Relative humidity	Upto 95%
d.	Location	Salty, muddy

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

a. Main item (01 x Portable Steel Bar Cutting Machine) complete with all items necessary for immediate operation without the requirement of any other items (standard fittings/attachments, accessories, etc) (as per paragraph 12 to 15).



- b. Optional items (as per paragraph 16).
- c. Tools (as per paragraph 17).
- d. Documents (instruction, operation and maintenance manual, spare parts catalogue, certificates, Installation instruction, drawings etc, as applicable) (as per paragraph 18 and 19).
- e. Installation, Test/Trial, Acceptance and Training (as per paragraph 20 and 21).
- f. Warranty and Guarantee (as per paragraph 22 and 23).

12. **Technical Specification.**

a.	Type	To be mentioned
b.	Model	To be mentioned
c.	Maker	To be mentioned
d.	Input Voltage	220 volt, Single Phase, 50 Hz
e.	Power	To be mentioned
f.	Min. bar diameter	6 mm
g.	Max. bar Diameter (mm)	50 mm
h.	Cutting speed	To be mentioned

13. **Cables.** All necessary cables, wirings and accessories are to be provided for the effective installation, operation and maintenance of the supplied item.

14. **Safety Devices.** To be mentioned. Standard safety devices should be mentioned with the offer.

15. **Standard Accessories.** Standard accessories must include all items and accessories, which are essential to operate the Portable Steel Bar Cutting Machine, whether those are mentioned in this specification or not. A list of such items / accessories indicating item wise price must be included in the quotation (price included in the Total Price).

16. **Optional Items.** A list of optional items which may be required for Portable Steel Bar Cutting Machine is to be provided (price not included in the total price).

17. **Tools.** One (01) set of standard tools for maintenance of the Portable Steel Bar Cutting Machine is to be provided indicating item wise price. Quantity and specification of the tools are to be mentioned in details in the quotation (price should be included in the total price).

18. **Documents.** 02 (Two) sets of following documents in English language are to be supplied free of cost with the equipment (One set to be supplied with the offer):

- a. Operation and maintenance.
- b. Spare parts list/PIL.
- c. Factory test certificate/performance certificate.

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



20. **Installation, Test, Trial and Acceptance.** Test and trial will be carried out by the supplier/manufacturer's representative/engineer in presence of user at BN Dockyard premises. Final acceptance will be given by BN Dockyard after satisfactory performance of the item. The supplier/manufacturer's representative/engineer is to ensure the proper functioning of the item and fulfilment of the technical specifications/contract requirements.

21. **Training.** The manufacturer's/ supplier's certified engineer will provide operation and maintenance training physically to operators at Foundry Shop, BN Dockyard for a duration as required. All types of costs of fare, accommodation and food of the manufacturer's/ supplier's engineer are to be borne by the manufacturer/supplier.

22. **Warranty.** Warranty for trouble free operation is to be given by the manufactures for a period at least 12 months from the date of acceptance by the buyer. During the warranty period, if the Portable Steel Bar Cutting 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 OEM or authorized service engineer's cost) throughout the warranty period.

23. **Guarantee.** The manufacturer shall guarantee to supply necessary spare parts for at least 05 (five) years with reasonable price. Yearly increase of price of spares should not be more than 5% of the price list for spares provided with the quotation.

24. **Shipment.**

a. The supplier will arrange shipment of all items by sea/ air to Chittagong sea port/ Dhaka air port, Bangladesh.

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

c. All packages are to have packing notes showing their contents in details 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 Chittagong sea port/ Dhaka air port to the NSD Chattogram.

e. **Port of Shipment.** Any port of the manufacturing country. In case of shipment through any port of manufacturer authorized dealer, relevant manufacturer certificate is to be provided as a proof of genuineness of the offered item.

25. **Delivery.** The items are to be delivered within **04 (Four)** months of signing the contract to the following address:

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

26. **Validity of offer.** The offer should remain valid till 03 (three) months from the date of tender opening.

27. **Price.** If the item is imported against this order, price to be quoted without import duties.

28. **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.

29. **Condition for Acceptance of Quotation.** Quotation has to have supporting documents (booklets, leaflet, catalogue, brochure etc) having detailed particulars of the offered Portable Steel Bar Cutting Machine. If detailed information regarding specifications, maker's books and catalogue about the same model of the Portable Steel Bar Cutting Machine quoted, spare parts, accessories, scope of supply, etc are not provided, the quotation will not be accepted.

30. **Compliance.** A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating mere 'Yes' or 'No' will not suffice and detailed description/ information as required is to be given. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered Portable Steel Bar Cutting Machine, the deviation has to be spelt out clearly



A M SHOES
Commander BN
Deputy Director of Naval Supply (C)
Naval Headquarters
Banani, Dhaka-1213
Member/ Secy
Date: 14.09.2022



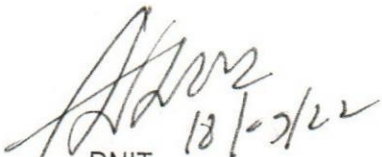
DNS (Rep)
Lt Commander BN
Staff Officer (NS-1)
Naval Headquarters
Banani, Dhaka-1213
Member
Date:




DNP (Rep)
Lt Commander BN
Staff Officer (NS-1)
Naval Headquarters
Banani, Dhaka-1213
Member
Date: 15.09.22



AHAMED AMIN ABDULLAH
Captain BN
Director of Naval Armament
Inspection and Supply
NHQ Banani, Dhaka-1213
Member
Date: 15/09/22



DNIT
Member
Date: 18-9-22
Banani, Dhaka-1213



DNE
Commodore EN
Director of Naval Engineering
Naval Headquarters
Banani, Dhaka-1213
Member
Date:



DNW&EE
President
Date: 18/9/2022
Banani, Dhaka-1213