

## TENDER SPECIFICATION FOR HYDRAULIC PRESS BRAKE MACHINE

1. **Name of the Equipment.** Hydraulic Press Brake Machine (Capacity: 22 Ton).
2. **Purpose.** The Hydraulic Press Brake Machine will be used to bend sheet metal and plates of various size.
3. **Quantity.** 01 (One) in number complete set.
4. **Manufacturer, Principal Supplier & Local Supplier.** Name and full address to be mentioned.

1.	Manufacturer	To be mentioned.
2.	Principal Supplier	To be mentioned.
3.	Local Supplier	To be mentioned.

5. **Year of Manufacturing.** 2024 or later.
6. **Country of Origin.** USA, UK, EU Countries, Canada, Japan, Australia, South Korea, Turkiye (Turkey) and New Zealand.
7. **Manufacturing Country.** USA, UK, EU Countries, Canada, Japan, Australia, South Korea, Turkiye (Turkey) and New Zealand.
8. **Certificate/Document of Authentication.** The local supplier must provide following certificate(s)/ document(s) with the offer/quotation as regard to the genuineness of source and item(s) in order to establish chain of links from the original source to supply:

- 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).
- c. Three certificates/documents, first one by the manufacturer to authorized agent, second one by authorized agent to sub-agent and third one by sub-agent to supplier (in case sub-agent as immediate source). If the supplier is unable to obtain the first certificate (by manufacturer to authorized agent), then it has to produce relevant document to prove agency-ship of its claimed agent of the recognized manufacturer.

9. **Standard.** The Hydraulic Press Brake Machine is to be designed and constructed fulfilling the requirement of international standard. The standard to which the quoted Hydraulic Press Brake Machine complies with is to be specified (ISO or similar).

10. **Ambient Condition.**

a.	Air temperature	+5°C to +45°C.
b.	Relative humidity	Up to 95% (Non Condensing)
c.	Location	Close to the Sea Shore

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

- a. Main item (01 x Hydraulic Press Brake 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. Optional items (as per paragraph 14) (as selected by BN).



- c. Special tools (as per paragraph 15).
- d. Spare parts (as per paragraph 16).
- e. Document and certificates (as per paragraph 17 and 18).
- f. Installation, test/trial & acceptance and Training (as per paragraph 19, 20 and 21).
- g. Warranty (as per paragraph 22).
- h. Any other Issue relevant (if any).

12. **Technical Specification.**

Ser	Description	
1.	Type	Heavy duty hydraulic type
2.	Model	To be mentioned
3.	Maker	To be mentioned
4.	Working pressure	22 ton (maximum)
5.	Distance between housing	To be mentioned
6.	Open height	To be mentioned
7.	Rapid Ram retreat speed	To be mentioned
8.	Length working table	To be mentioned
9.	Motor power	To be mentioned
10.	Control type	CNC
11.	Cutting load	To be mentioned
12.	Automation grade	Automatic
13.	Max Sheet width	3000 mm
14.	Material	MS & SS
15.	Rated Power	380V, 50 HZ, 3 Phase. (The motor will have the tolerance of $\pm$ 10% voltage fluctuation)
16.	Weight	To be mentioned
17.	Dimension	To be mentioned
18.	Hydraulic fluid	To be mentioned

13. **Standard Accessories.** Standard accessories must include all items and accessories essential for operating a Hydraulic Press Brake Machine, whether mentioned in the specification or not. The price of standard accessories is to be included in the FOB value. However, an itemised price list of standard accessories is to be provided with the offer for reference value only.

14. **Optional Items.** A list of optional items is to be mentioned, indicating the itemised price. Technical details of these items should be given in the offer. The prices will not be added to the total price while evaluating the comparative prices of the suppliers.

15. **Special Tools.** A recommended list of special tools required for carrying out maintenance of Hydraulic Press Brake Machine is to be submitted with the quotation indicating the itemised price. That price will be added to the total price while evaluating the comparative price of the suppliers.

16. **Spare Parts.** A recommended list of spare parts required for 05 years of satisfactory operation must be provided, indicating the itemised price. Only the prices of selected items by BN will be added to the total price while evaluating the comparative price of the suppliers.



17. **Documents.** 2 (two) sets of the following documents in English are to be supplied with the machine (free of cost):

- a. Instruction manual including technical specification, installation, operation and maintenance.
- b. Workshop level repair manual.
- c. Electrical diagram, fault finding flow chart etc.
- d. Spare parts catalogue and its components.
- e. Factory test certificate/performance certificate.

18. **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 item.

19. **Installation.** The item will be installed at BN Dockyard Mongla (Platter & Welding Shop) by the supplier in presence of the representative of the buyer. However, all necessary installation materials are to be supplied with the complete set.

20. **Test, Trial and Acceptance.** The buyer will carry out test and trial of the Hydraulic Press Brake Machine in presence of supplier's representative. After satisfactory test, trial and necessary training programme, an acceptance certificate will be signed jointly by the supplier's representative and the representative of buyer.

21. **Training.** The manufacturer's/supplier's installation engineer will provide operation and maintenance training in Bangladesh to 05 (Five) operators for 01 (One) day after test, trial and commissioning of the Hydraulic Press Brake Machine. Cost of training is to be borne by the supplier.

22. **Warranty.** Warranty for trouble free operation is to be given by the manufactures for a period of at least 01 (One) year from the date of acceptance by the buyer. During the warranty period, if the Hydraulic Press Brake 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. **Shipment.**

- a. The supplier will arrange shipment of all items to any sea/air port of Bangladesh.
- b. All items are to be delivered in sea/air worthy packing to ensure safe transit 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 respective sea/air port to NSD Khulna.
- e. **Port of Shipment.** Any port of manufacturing country. In case of shipment through any port of manufacturer's authorized dealer, relevant manufacturer's certificate is to be provided as a proof of genuineness of the offered item.



24.

**Delivery.**

a. The items are to be delivered within 09 (Nine) months from the date of signing the contract to the following consignee:

The Officer-in-Charge  
Naval Stores Depot Khulna  
Khalishpur, Khulna, Bangladesh

b. **Place of delivery.** NSD Khulna.

25. **Validity of Offer.** The offer should remain valid till 180 days from the date of tender opening.

26. **Currency.** Foreign Currency.

27. **Terms of Payment.** L/C for the full purchase amount will be opened in favour of the principal supplier under the following payment terms:

a. 80% of the total CFR value will be paid on delivery of the items described under the scope of supply and on production of necessary shipping documents.

b. The remaining 20% of the CFR value will be paid upon producing an 'Acceptance Certificate' after a satisfactory test and trial jointly carried out by the buyer's and supplier's representatives.

28. **Condition for Acceptance of Quotation.** Quotation has to have supporting documents (booklets, leaflet, catalogue, brochure etc) having detailed particulars of the offered Hydraulic Press Brake Machine. If detailed information regarding specifications, maker's books and catalogues, spare parts, accessories, scope of supply, authentication certificate etc are not provided, the quotation will not be accepted.

29. **Compliance Statement.** A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Merely stating 'Yes' or 'No' will not suffice, rather detail description/information as required is to be provided. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered Hydraulic Press Brake Machine, the deviation has to be spelt out clearly.

**Enclosure:**

1. Figure of sample Hydraulic Press Brake Machine - 01 (One) page.

SAMPLE HYDRAULIC PRESS BRAKE MACHINE

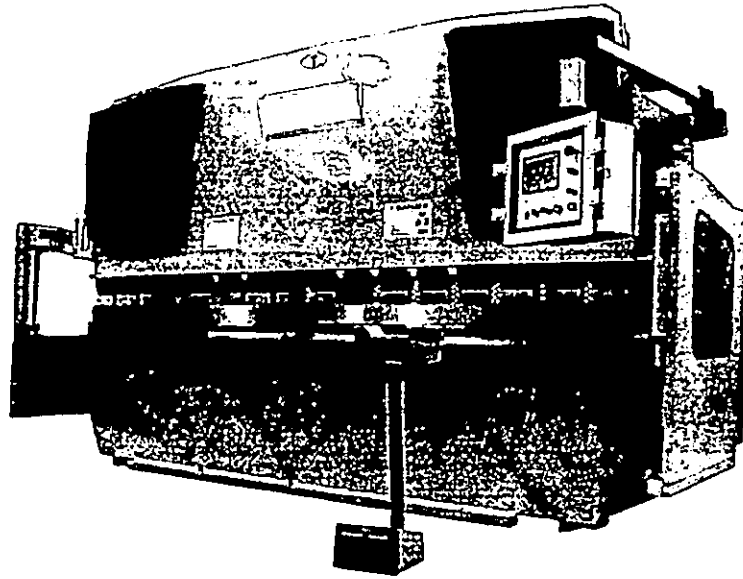


Fig: Hydraulic Press Brake Machine  
(Not as reference, for general idea only)



*[Handwritten signature]*