

TECHNICAL SPECIFICATION OF UNIVERSAL CIRCULAR POWER SAW MACHINE

1. **Name of the Equipment.** Universal Circular Power Saw Machine.
2. **Purpose.** Circular Saw Machine is usually used for cutting of the edge flattered parts to desired dimensions and angles, sizing of panels, grooving, jointing, rebating etc.
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. **Year of the Manufacture.** 2022 or later.
6. **Country of Origin.** USA, UK, EU Countries, Canada, Japan, Australia, South Korea, China, Turkey and New Zealand.
7. **Manufacturing Country.** USA, UK, EU Countries, Canada, Japan, Australia, South Korea, China, Turkey and New Zealand.

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 Universal Circular Power Saw Machine is to be designed and constructed fulfilling the requirement of International standard. The standard to which the quoted Universal Circular Power Saw Machine complies with is to be specified (class certificate, ISO etc).

10. **Ambient Condition.** The machinery/ equipment and accessories materials are to be designed to operate in the moist and humid tropical environment of Bangladesh. The conditions to be expected in service will be as follows:

a.	Air Temperature	+05 ⁰ C to +45 ⁰ C
b.	Relative humidity	Up to 95%
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 Circular Saw 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 14).
- b. Optional items (as per paragraph 15).



- c. Tools and special tools (as per paragraph 16 and 17).
- d. Spare Parts (as per paragraph 18).
- e. Documents (instruction, operation and maintenance manual, spare parts catalogue, certificates, Installation instruction, drawings etc, as applicable) (as per paragraph 19 and 20).
- f. Installation, Test/Trial, Acceptance and Training (as per paragraph 21 and 22).
- g. Warranty and Guarantee (as per paragraph 23 and 24).
- h. Any other issue relevant (if any).

12. **Technical Specification.**

a.	Type	Universal Circular Saw Machine
b.	Model	To be mentioned
c.	Maker	To be mentioned
d.	Cutting Width	Maximum 1300 mm
e.	Fixed Table Dimension/ Height	To be mentioned
f.	Carriage Dimension/ Stroke	To be mentioned
g.	Max dia of saw blade/ Hole	(450/30) mm
h.	Power Supply	380-415V, 50 HZ, 3 Phase. The motor should have the tolerance of $\pm 10\%$ voltage fluctuation.
j.	Motor Power	To be mentioned
k.	Weight	To be mentioned

13. **Cables (If required).** Electric cables are to be supplied with the main equipment during installation without additional cost.

14. **Standard Accessories.** Standard accessories must include all items and accessories including the following which are essential to operate the Universal Circular Power Saw Machine, where those are mentioned in this specification or not. A list of essential accessories indicating item wise price (Price included in the Total Price).

15. **Optional Items.** A list of optional items (if any) which may be required for the Universal Circular Power Saw Machine are to be provided. (Price not included in the Total Price).

16. **Tools.** 01 (one) set of tools for maintenance of Universal Circular Power Saw Machine is to be provided indicating item wise price. Quantity and size of these tools are to be mentioned in the quotation. (Price included in the Total Price).

17. **Special tools (If required).** Must include 01 (one) set special tools for operation, repair and maintenance of the equipment. The offer must specify if no such tools are required (price included in the total price).

18. **Spare Parts.** A list of recommended spare parts for Universal Circular Power Saw Machine including the following is to be provided with the quotation indicating item wise price (price not included in the total price):

Ser	Description of Item	Qty
a.	Circular saw blade	04 Pieces
b.	V-belt	15 Pieces



c.	Nut	20 Pieces
d.	Washer	20 Pieces
e.	Spring Washer	20 Pieces

19. **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).

- Operation and Maintenance manual.
- Parts catalogue.
- Performance/ test certificate.

20. **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.

21. **Installation, Test, Trial and Acceptance.** The buyer will carry out the installation as per the drawing provided by the supplier. Installation, test and trial for the hydro pressure test pump will be carried out by the buyer in presence of the supplier's representative. After satisfactory test and trial an acceptance certificate will be signed jointly by the supplier's representative and the representative of buyer.

22. **Training.** The supplier will provide operation and maintenance training in Bangladesh for 05 (Five) Persons and duration of 01 (One) day after installation. Cost of training are to be borne by the supplier

23. **Warranty.** Warranty for trouble free operation is to be given by the principal/manufacture for a period at least 12 months from the date of acceptance by the buyer. During the warranty period, if the equipment 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 labor (including service engineer's cost) throughout the warranty period.

24. **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.

25. **Shipment.**

- The supplier will arrange shipment of all items by any sea/ air port of Bangladesh.
- All items are to be delivered in sea-worthy packing to ensure safe transportation by sea/air.
- 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.
- The supplier will arrange transportation of all supplied items from sea/air port to the NSD, Khulna.
- 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.

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

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



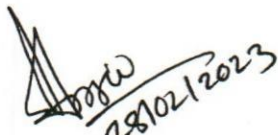
27. Terms of Payment. 100% of Total Contract Price (TCP) will be paid in local currency as per existing rules after satisfactory test/ trial and acceptance by BN.


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

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


30. Condition for Acceptance of Quotation. Quotation has to have supporting documents (booklets, leaflet, catalogue, brochure etc) having detailed particulars of the offered Universal Circular Power Saw Machine. If detailed information regarding specifications, maker's books and catalogue about the same model of the Universal Circular Power Saw Machine Quoted, spare parts, accessories, scope of supply, etc are not provided; the quotation will not be accepted.


31. Compliance Statement. 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 Universal Circular Power Saw Machine the deviation has to be spelt out clearly.

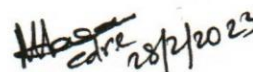

MALAMGIR HOSSAIN
Commander BN
Member/ Secy
Date: 28/02/2023
Dep. Commander BN, Naval Engineering (C)
Naval Headquarters
Banani, Dhaka-1213



S M IBRAHIM
DNS (Rep)
Lt Commander BN
Member
Date: 28/02/2023
Staff Officer (NS-1)
Naval Headquarters
Banani, Dhaka-1213


MD. ASIR RAIHAN
DNP (Rep)
Lt Commander BN
Member
Date: 01-3-23
Staff Officer (Plans-II)
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Iqbal AMIN ABDULLAH
Captain BN
Director of Naval Armament
Section and Supply
Date: 28/02/2023
DNP&S
Member
Naval Headquarters
Banani, Dhaka-1213


M ABDUL LATIF
Commodore BN
Member
Date: 06-03-23
Director of Naval Weapons
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NHQ, Banani, Dhaka-1213


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