

**TENDER SPECIFICATION OF MASTOID DRILL AND BURS**  
**BNS PATENGA**

1. **Name of Equipment:** MASTOID DRILL AND BURS.
2. **Purpose:** To be used in OT Department.
3. **Quantity:** 01 (One) complete set.
4. **Make /Model:** To be mentioned.
5. **Brand:** To be mentioned.
6. **Name of Manufacturer:** Name and full address of manufacturer is to be mentioned.
7. **Country of Origin:** USA/ Canada/ UK/ EU/ Japan/ Australia/ South Korea.
8. **Manufacturing Country:** USA/ Canada/ UK/ EU/ Japan/ Australia/ South Korea.
9. **Port of shipment:** To be mentioned.
10. **Qualification of Bidders:** Bidders must be enlisted in NSSD Dhaka.
11. **Year of Manufacture.** From 2021 to 2023.
12. **Source of Supply:** Bidders/Suppliers are to be mentioned the name, address and contact details of original source from where goods would be imported. Any software required for installation or proper operation of the equipment is to be provided with original CD.
13. **Price without import duties:** Quoted price is to excluded all import duties as those will be consigned against BN.
14. **Ambient Condition:** The **Mastoid Drill and Burs** will be operated and maintained in the following ambient conditions:

a	Ambient air temperature	5°C - 45°C
b	Relative humidity	Up to 95%

15. **Scope of Supply:** 01 (One) complete set of **Mastoid Drill and Burs** will have to be supplied with all attachments, accessories etc and complete in all respect for immediate operation.

16. **Technical features /facilities**

- a. The Drill handpiece should be compatible and powered with Integrated Power Console.
- b. Weight of the drill should be less than 95 grams and length should be less than 12.0 cm with diameter not exceeding 1.75 cm.
- c. Motor should run at least of 74000 RPM
- d. The system should have electric motor which has maximum stall torque should be at least 40 mNM
- e. The handpiece should be compatible with both straight and angled variable and non-variable attachments.
- f. Drill handpiece should be ergonomically designed and easy to hold while operating.
- g. Must have option to connect irrigation tubing which can be programmed to provide intermittent or continuous irrigation.
- h. It should be compatible to Clearview burs without any attachments for Skull base.

**Spec for Skeeter Drill**

- a. Handpiece weight should not be less than 60gm.
- b. It should have variable speed footswitch control.
- c. It should be less than 16500 RPM once it is integrated with Integrated Power Console.
- d. Oto-Flex burs are color coded for easy understanding the sizes.



17. **Standard Accessories:** Standard accessories must be included with every items and there accessories, with Brand, Model and Country of Origin of each items which are essential to operate the **Mastoid Drill and Burs**. Price must be quoted along with the machine. A list of such items/accessories is to be provided with the quotation indicating item wise price separately:
18. **Local Training:** The supplier will arrange following training at **BNS PATENGA** free of cost:
- Operational Training: 02 x Operator for 01 week.
  - Repair/Maintenance Training: 02 x EM Tech (01x Navy & 01x Civ) for 01 week.
19. **Publication:** Following brochure/catalogue in English language showing detailed particulars of the quoted items should supplied along with the offer.
- Operation manual – 03 copies (1 x Original & 2 x Photocopies).
  - Repair/maintenance/service manual including detail circuit/schematic diagram-03 copies (1x Original & 2 Photocopies).
  - Parts Catalogue/Master Parts list – 03 copies (1x Original & 2 Photocopies).
20. **Spare Parts:** Adequate number of fast moving spare parts and other recommended spare parts required for 5 years operation are to be quoted indicating item wise price from which buyer will select as per requirement. The supplier should provide guarantee for supplying spare parts for a minimum period of 10 years.
21. **After Sales Service:** The supplier should have requisite after sales service facilities at home to render necessary services as and when required by BN. Necessary agreement will be signed if required. Details of workshop facilities of the supplier should mentioned.
22. **Test, Trial and Acceptance:** The supplier will carry out free of cost installation, test and trial of the supplied machine in presence of the buyer's representative. The acceptance of the supplied items will be carried out by the buyer at **BNS PATENGA** where the supplier's representative may be present if they feel so. After the satisfactory test/trial, the acceptance certificate will be given by the **CINS NSD Chattogram**.
23. **Warranty/Guarantee:**
- The supplier must ensure that all items are new and unused. The supplier must provide warranty at least for 02 (two) years from the date of acceptance of the item(s) after satisfactory inspection, test, trial etc as applicable. If any defect/discrepancy of any item arise within the period of warranty, the specific period from the date of notification of the defect/ discrepancy to the supplier upto the date of rectification of defect/resolve of discrepancy will have to be deducted from the warranty period for that particular item(s).
  - If any defect/discrepancy arises, within warranty period, then the respective item(s) is/are to be replaced free of cost including freight within 03 (three) months from the date of notification of the same to the supplier. In this regard, the supplier must furnish an undertaking with the offer by stating, "I do hereby assure that we take the liability to replace all spare parts/item(s) free of cost including freight within three months from the date of notification about the defect/discrepancy of the spare parts/item(s) by the buyer, if it occurs within the period of warranty".
24. **Delivery:** The supplied items are to be delivered within 03 (three) months from the date of signing contract to **The Commanding Officer NSD Chattogram**.
25. **Validity of Offer:** Up to 30 June 2024.
26. **Certificate/Document of Authentication:** The local supplier must provide following original certificate(s)/document(s) with the offer/quotation to ascertain the genuinely of source and item(s) in order to establish chain of links from the original source of supply items.0
- One certificate/document by the manufacture in favor the supplier (in case of manufacture as direct source (Original)
  - FDA/CE/JIS must be submitted
27. **Users List:** List of user in Bangladesh along with user's certificate of the quoted machine is to be provided along with the offer.



28. **Terms of Payment:** 100% payment will be made after satisfactory test, trial and acceptance by BN in local currency.
29. **Condition for Acceptance of Quotation:** Quotation has to have supporting documents (booklets, leaflet, catalogue, brochure etc) having detailed particulars of the offered **Mastoid Drill and Burs**. The quotation will not be accepted if detailed information regarding specifications, maker's books and catalogue about the same model of the machine quoted, list of spare parts and accessories, etc are not provided
30. **Compliance statement:** A compliance statement fulfilling all requirements of the tender is to be submitted for evaluation of the quotations, Stating mere 'Yes' or 'No' will not suffice and detailed description/ information's as required are to be given. An incompliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with the offered item, the deviation has to be spelt out clearly.

*Baliam 12.10.23*  
A H M HABIBUR RAHMAN  
Surg Cdr BN  
DDMS (Navy)  
Member Secy  
Dt.

*12.10.23*  
M NADIM CHOWDHURY SAZIE  
Lt Comm  
Cdr (DEP) (Training)  
Naval Headquarters  
Banani, Dhaka-1213  
DNT (Rep)  
Member  
Dt.

*12.10.23*  
M FAHIM KABIR  
Lt Comm  
Surg Cdr BN  
Naval Headquarters  
Banani, Dhaka-1213  
DNO (Rep)  
Member  
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*12.10.23*  
MD MAHMUDUL HASAN  
Lieutenant (Rep)  
SO (IT/IS) Information & Technology  
Naval Headquarters  
Banani, Dhaka-1213  
DNT (Rep)  
Member  
Dt.

*15-10-23*  
এম আব্দুল কাদের  
ক্যাডেট এন  
পরিচালক, ডিরেক্টর্যাল স্টোরস  
নৌ সশস্ত্র দপ্তর, বনানী, ঢাকা-১২১৩  
DTS  
Member  
Dt.

*15/10/23*  
M GOLAM HOSSAIN  
Commodore BN  
Director of Naval Stores  
Naval Headquarters  
Banani, Dhaka-1213  
DNS  
Member  
Dt.

*15.10.23*  
DMS (Navy)  
President  
Surgeon Commodore BN  
DMS (Navy)  
Naval Headquarters  
Banani, Dhaka-1213  
Dr.