

**TENDER SPECIFICATION OF MICRODEBRIDER CONSOLE & BLADE**  
**BNS PATENGA**

1. **Name of Equipment:** MICRODEBRIDER CONSOLE AND BLADE.
2. **Purpose:** To be used in ENT 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 **Microdebrider Console and Blade.** will be operated and maintained in the following ambient conditions:

a	Ambient air temperature	5 <sup>0</sup> C - 45 <sup>0</sup> C
b	Relative humidity	Up to 95%

15. **Scope of Supply:** 01 (One) complete set of **The Microdebrider Console and Blade** will have to be supplied with all attachments, accessories etc. and complete in all respect for immediate operation.
16. **Technical Specification:**

**Spec for Integrated Power Console:**

- a. The Console should be versatile powered ENT system, that lets to choose just the power required for various ENT and Aesthetic related surgeries.
- b. The console system should be suitable for wide variety of procedures ranging from Rhinology/Laryngology Otology/ neurotology/ Cochlear Implant Surgery
- c. The console should have provision to be upgraded using microchip.
- d. The console should have provision to connect facial nerve monitor with the Otologic drill
- e. It should have an emergency switch in case footswitch fails to operate.
- f. The console should have a large Touch screen monitor to be controlled by OT staffs if required
- g. The various parameters should be able to adjust either from touch screen panel or from the multifunction foot switch.
- h. The console should be able to connect multiple hand pieces at a time like Microdebrider (equal or more than 7400 RPM in Oscillation and equal or more than 29000in forward) Otologic drill

hand pieces (More than 74,000 RPM in Forward & Reverse mode) and Skeeter drill (not more than 16500 RPM)

- i. The Console should recognize the various hand pieces and automatically adjust the settings accordingly.
- j. The console should have minimum 2 inbuilt pumps each for Irrigation (5Cc / Min to 100Cc / Min) and Cooling
- k. The console should have multifunction ergonomically designed foot control with light emission for easy identification.
- l. The console should be able to control Speed / Mode, Forward / Reverse toggle, Active hand piece change from the Foot control itself.
- m. The console should have an option for remote control Irrigation to operate from sterile area.
- n. The console should have the provision to mount the console on various sizes of IV pole.

**Spec for Lightweight Microdebrider:**

- a. Latest microdebrider must be compatible with Integrated Power Console.
- b. Microdebrider handpiece should have at least 29500 RPM in forward rotation and 7400RPM in oscillation mode.
- c. Should be compatible with 0°, 12°, 40°, 60°, 90° and 120°.
- d. Microdebrider weight should not be less than 210 gm.
- e. Should have fingertip control to rotate only the tip of the blade up to 360 deg.
- f. Should have straight suction path to reduce clogging and allow efficient tissue removal.
- g. Should have integrated blade locking system to lock the blade tip rotation.
- h. Should have integrated side grooves and cable clips to provide better tubing management.
- i. Should have Titanium body or equivalent to avoid rusting.

17. **Standard Accessories:** Standard accessories must include all items and accessories with Brand, Model and Country of Origin including following which are required for installation and operation **The Microdebrider Console and Blade** whether those are mentioned in the specification or not. 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:

- a. Operational Training: 02 x Operator for 02 weeks.
- b. Repair/Maintenance Training: 02 x EM Tech (01x Navy & 01x Civ) for 02 week.

19. **Publication:** Following brochure/catalogue in English language showing detailed particulars of the quoted items should supplied along with the offer:

- a. Operation manual – 03 copies (1 x Original & 2 x Photocopies).
- b. Repair/maintenance/service manual including detail circuit/schematic diagram-03 copies (1x Original & 2 Photocopies).
- c. 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 installation, test and trial of the supplied machine at his own cost. The acceptance of the supplied items will be carried out by **BNS PATENGA**, where the supplier's representative will be present. After the satisfactory test/trial, with certificate the acceptance certificate will be given by the **CINS NSD Chattogram**.
23. **Warranty/Guarantee:**
- a. 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).
  - b. 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 Chittagong**.
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 genuinity of source and item(s) in order to establish chain of links from the original source of supply items:
- a. One certificate/document by the manufacture in favour the supplier (in case of manufacture as direct source (Original).
  - b. FDA/CE Certificate /JIS must be submitted.
  - c. Manufacture Authorization Certification for the specific tender (Original).
  - d. Trained Bio Medical Engineer list with update CV.
27. **Users List:** User List in Bangladesh with contract details 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 **The Microdebrider Console and Blade**. 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.

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

*[Signature]* 12.10.23  
M NADIM CHOWDHURY SAZIB  
Lt Cdr BN  
DNT (Rep)  
Member  
Naval Headquarters  
Banani, Dhaka-1213  
Dt.

*[Signature]* 12.10.23  
M FAHIM KABIR  
Lt Cdr BN  
DNO (Rep)  
Member  
Staff Office (Ops Plan)  
Naval Headquarters  
Banani, Dhaka-1213  
Dt.

*Asam* 12.10.23  
MD MAHMUDUL HASAN  
Lt Cdr BN  
DNT (Rep)  
Member  
SO (Information & Technology)  
Naval Headquarters  
Banani, Dhaka-1213  
Dt.

*[Signature]*  
এম আব্দুল কাদের  
ক্যাডেট এন  
পরিচালক টেকনিক্যাল স্টোরস  
নৌ সদর দপ্তর, বানানী, ঢাকা-১২১৩  
DTS  
Member  
Dt. 12-10-23

*[Signature]* 15/10/23  
M GOLAM HOSSAIN  
DMS BN  
Commodore BN  
Director of Naval Stores  
Naval Headquarters  
Banani Dhaka-1213  
Dt.

*[Signature]* 15.10.23  
DMS (Navy)  
President  
Dt.  
AFI  
Surgeon Commodore BN  
DMS (Navy)  
Naval Headquarters  
Banani, Dhaka-1213