

**REVISED TECHNICAL SPECIFICATION FOR PROCUREMENT OF
NAVIGATED DRILL SYSTEM FOR SPINE SURGERIES, DEMAND NO. –
11204372 DATED -09/01/2026**

**(I) TECHNICAL SPECIFICATION: - IT SHOULD HAVE BIS /USFDA/ CE
CERTIFICATION**

1. High speed burr for spine surgery with speed 75,000 rpm or more.
2. Must be compatible with navigation.
3. Should be electrically powered for use in multiple faculties for various surgical applications like Conventional Neurosurgery and spine.
4. Should be compatible with Navigation system.
5. Should be electrically operated, Noiseless Motor.
6. Should be ergonomically designed, light weight dimensions of 8 to 10cm long and up to 2 cm diameter for fatigue free use.
7. Should be capable of operating at high speed up to 75000 RPM, in both Forward and Reverse Directions.
8. Should have torque between the range of 35mNm -1 + to 50 mNm -1
9. Should be hermetically sealed, robust motor with low maintenance cost.
10. Should be controlled by footswitch as well as touch switch on the handpiece motor.
11. Should be able to operate multiple attachments of different dimensions and for various functions.
12. Should be autoclavable at 134 degrees Celsius or ETO or gamma-radiation.
13. Should be provided with autoclavable sterilization case/tray.
14. Should have Hand piece attachment as following:
 - i.) Medium Straight 9 cm (1 no). – Suitable for Cervical spine with Suitable tools – 1 No.
 - ii.) Long Angled Attachment – 14 cm (1 No.) – suitable for TL spine surgeries with suitable tools (cutting, diamond, Match Head) – 1 Each.
 - iii.) Long Angled Variable length Attachment – 15 cm (1 No.) – suitable for TL spine surgeries with suitable tools (cutting, diamond, Match Head) – 1 Each.
 - iv.) Telescoping attachment – 14 cm (1no.) – Suitable for MIS spine surgeries with (Cutting and match head tools) – 1 each.
- Special Burs for Navigable handpiece –
Dedicated Navigable burrs for the 9 cm, 14 cm, 15 cm lengths of varying diameters (2 to 5 mm) –Cutting & Diamond 2 each.
15. Must be compatible with MIS and Endoscopic surgeries.

Dr. B. A. Memorial Hospital
वरि, मंडल चिकित्सा अधिकारी
डॉ. बाबासाहेब आंबेडकर मेमोरियल अस्पताल,
भायखला, मुंबई-400 027.
Sr. Divisional Medical Officer
Dr. B. A. Memorial Hospital,
Byculla Mumbai-400 027,

01/5/26
चिकित्सा निदेशक
भारत रत्न डॉ. बाबासाहेब आंबेडकर
मेमोरियल अस्पताल मध्य रेल,
भायखला, मुंबई-400 027.
MEDICAL DIRECTOR
Bharat Ratna Dr. B. A. Memorial Hospital,
Byculla Mumbai-400 027,

(II) OTHER GENERAL CONDITION:

- 1) Original technical Brochures, which will indicate the compliance of the technical specifications as required by us, should be provided.
- 2) The firm shall specifically provide compliance statement for all technical specification.
- 3) The firm OEM should commit to supply specific spares till completion of codal life of the equipment.
- 4) Tenderers who are OEM, must give undertaking for supply of spare parts for a period of expected life of the machine /equipment. Otherwise tenderers must submit undertaking from OEM for supply of spare parts for a period of expected life of the machine/equipment, otherwise offer is liable to be ignored.
- 5) After sales service required at the place of delivery. Details of after sales service facilities like address, Toll Free Number, Telephone No, Fax No, Email etc are to be provided. Number of Technical persons/ Engineers should be enclosed.
- 6) Downtime in case of breakdown should be 72 hours or less, failing which, standby facilities should be provided. Any delay after 72 hours without providing standby facilities shall attract a penalty of 1% per day of CAMC value.
- 7) Market standing of the firms should be minimum 3 years.
- 8) Comprehensive Warranty for 3 years & Comprehensive AMC for 5 years after completion of warranty should be required.
- 9) Inspection - Visual Inspection by System selected THIRD PARTY INSPECTION (TPI) AGENCY, against Guarantee Certificate & Technical Certificate (GC & TC) of OEM, at Consignee place.

The above specifications are the minimum standards required by us and anything better would be acceptable.

ABOVE SPECIFICATION DO NOT FAVOR ANY BRAND OR COMPANY.

वरि. मंडल चिकित्सा अधिकारी
 बाबासाहेब आंबेडकर मेमोरिअल अस्पताल,
 मायखला, मुंबई-400 027.
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 भारत रत्न डॉ. बाबासाहेब आंबेडकर
 मेमोरिअल अस्पताल माध्यमेल,
 मायखला, मुंबई-४०००२७.
 MEDICAL DIRECTOR
 Bharat Ratna Dr. Babasheb Ambedkar
 Memorial Hospital, Central Railway,
 Byculla, Mumbai-400 027.