



## **Notice Inviting e-Tender**

**West Bengal Medical Services Corporation Limited**  
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**Procurement of Different Medical Equipment for Calcutta National Medical  
College & Hospital**  
(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT-696/2025**

**Dated-11.08.2025**

### **AMENDMENT-I**

#### **Technical Specification**

#### **Phaco Emulsification Machine**

1. Machine should have Peristaltic Digital Pump
2. Machine should have Closed Fluidic System
3. Machine should have Aspiration: 0-50 cc/min
4. Machine should have a capacity to built vacuum at least up to of 500 mm HG
5. Machine should have Vacuum and Aspiration Control – Programmable Linear control or Panel Control Reflux
6. Machine should have Reflux technology
7. Machine should have Venting technology
8. Machine should have Auto Tuning Mode
9. Machine should have Ultrasound Frequency minimum 28 KHz.
10. Machine should have Pulse frequency setting and duty cycle adjustable option
11. The machine should have micropulse (minimum 40 - 100 pulses adjustable) in pulse mode of ultrasound power delivery system)

12. Machine should have the good Chamber Stability
13. Irrigation tube compatible with normal intravenous infusion set of regular hospital supply
14. Machine should have both reusable & disposable tubing option
15. Machine should have Aspirating Cutter Vitrectomy probe, Re-usable, Oscillating & Autoclavable / ETO Sterilization.
16. Should have occlusion mode & cold phaco (micropulse system)
17. Minimum vitrectomy cut rate (to be displayed in the machine) should be 1000 cut / min or more
18. Should have pneumatic cutter. Extra 07 (seven) pieces of anterior vitrectomy cutter should be supplied
19. Machine should have lightweight phaco handpiece-4 crystal or more
20. Machine should have Diathermy
21. Machine should have Colors LCD/ LED Display
22. Surgeons settings should be stored in the memory of the machine (min. individual 18 settings)
23. Programmable Foot Pedal should be present
24. Facility of Glaucoma Surgery (upgradable)
25. Facility of High Frequency Capsulotomy
26. Should submit valid CDSCO Certificate/ Registration/ License for both the manufacturer(s) and importer(s) as applicable.