



## Notice Inviting e-Tender

**West Bengal Medical Services Corporation Limited**  
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**Procurement, supply and installation of Fully Automated Rotary Microtome in the Hospital and Medical College of the Government of West Bengal**  
*(Submission of Bid through online)*

**Bid Reference No.: WBMSCL/NIT-729/2025**

**Dated-22.08.2025**

The following amendment have been made in the tender document,

### **Amendment –I (Revision of Technical Specification)**

The revised technical specifications for the item is given below,

#### **Fully Automated Motorized Rotary Microtome**

1. Micrometer mechanism and coarse feed system in an enclosed ergonomically designed housing.
2. Vertical Specimen movement
3. Maintenance-free cross roller bearings and stable specimens advance system.
4. Right and left positioning and sectioning Wheels work electronically on the cutting mechanism.
5. Min. 3 modes of cutting operation from interval or single or multi **and** continuous stroke.
6. Rock Mode or equivalent for small biopsies
7. **Control** unit, simple to operate with indication of: Selected section thickness, trimming thickness, Mode of operation, Cutting speed
8. Recessed area on top for storage of blades, cassettes etc.
9. Speed for horizontal specimen movement as well as section counter
10. Section thickness via precision stepping motor from 0.5 to 100 microns;
11. Horizontal feed range 28-30 mm

12. Vertical specimen stroke 70- 72 mm
13. Specimen retraction 5-100  $\mu\text{m}$  in 5  $\mu\text{m}$  increment.
14. Electromechanical feed system for fine & trimming Section thickness and forward and back ward Specimen movements via stepping motor.
15. Memory function to quickly find again in the same position for the first cuts
16. Motor driven cutting stroke.
17. Cutting speed adjustable 10 - 400 mm/s or more
18. Motorized cutting movement via operating panel and or foot pedal control.
19. Specimen orientation in x, y and z axis
20. In connection with Specimen orientation, quick change system for all Specimen clamps.
21. Direct fitting of solidly Integrated disposable blade carrier with precision guide way
22. Automatic Specimen/knife approach features through programmable Memory positions.
23. Spacious, removable Section waste tray
24. Blade Holder must have lateral displacement to enable use of entire length of the blade, a color coded finger guard and blade ejector for utmost user safety
25. To be supplied with Specimen clamp for holding the paraffin blocks, Blade Holder with color coded finger guard, blade ejector, must be common for High& Low Profile Blades and 1 packet each of High & Low Profile Blades (50 BLADES per packet)
26. Warranty: 2 years from the date of installation
27. **Certificated:** The bidder/ OEM should have valid CDSCO Certificate/Registration/License for both the manufacturer(s) and importer(s) as applicable.