



## **Notice Inviting e-Tender**

**West Bengal Medical Services Corporation Limited**  
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**Supply and Commissioning of Different Medical Equipment for Calcutta National Medical College and Hospital**

(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT-210/2025**

**Dated-18.03.2025**

**2<sup>nd</sup> call of bid reference No. WBMSCL/NIT- 071 /2025 Dated-21.01.2025**

### **Amendment-I (Schedule I)**

#### **Schedule I** **Revised Technical Specification** **Automatic Tissue processor**

All below points must be present in quoted instrument:

Microprocessor controlled Carousal type Vacuum/ spiral agitation technology Tissue Processor with 9 freely selectable programs.

User programmable parameters like infiltration time delay time, Vacuum on-off, agitation on-off and 80-100 cassettes capacity. Facility should be there of upgradation to 200 cassettes capacity with double tissue basket loading.

Programmable infiltration time from 5 min to 99 hours 59 mins in 1 increment.

1. Excess temperature cut of facility to avoid tissue loss.
2. Delay start-up function to up to 9 days advance.
3. Drain time of 60 sec in each station to reduce carry over contamination.
4. Reagent containers of at least 1.8 liters with seals to minimize evaporation and expose the hazardous fumes.
5. Vacuum /spiral for all stations mandatory and Vacuum pump must be integrated in the instrument
6. Pressure difference of max. 500 h Pa (approx. 0.5 bar) applicable for all Stations/ any suitable technology will be ascertain by the expert

7. Ability to program Vacuum/ spiral in all station individually, can be able to ON/OFF & control the Vacuum / spiral function for every station/ any suitable technology will be ascertain by the expert.
8. Vertical agitation mandatory for each station as per need and 3 sec per cycle
9. Maximum safety concept with automatic immersion of the tissue basket into the beaker in case of power failure. The tissue specimens are protected from drying out even during a power failure since the tissue baskets are automatically immersed in a station. The program is resumed where interrupted once mains power is restored. After a long-term power failure, the wax will be liquefied.
10. If the programmed infiltration time for any of the stations is exceeded a warning message is displayed indicating the station number and the time in excess of program.
11. Audible alarms, error messages and warning codes for maximum safety
12. Should have sturdy high-grade aluminium reagent vessels with handle to remove the vessels.
13. Wax bath with temperature adjustment from 45-65 degree Celsius.
14. Thermostatically controlled wax bath and excess temperature cut out facility at 75 deg Celsius.
15. Electronic locking facility to avoid inadvertent operation.
16. Possibility of interrupting an automatic process for reloading or removing cassettes for special applications before the end of a run.
17. Mandatory facility to manually lift the carousel and remove tissue in case of long power failures.
18. Activated carbon filter system should be integrated.
19. The bidder should submit valid CDSCO Certificate / Registration / License for both the manufacturer(s) and importer(s) as applicable.
20. At least 50 nos. of installations of automatic tissue processor in India out of which 40 nos. should be installed in Govt. Institution (Central and State) rest 10 nos. Should be installed in Govt. or Private institution.
21. The bidder should submit 20 nos. of the Satisfactory Service and Performance Report from only the Govt. Institutions otherwise the bid will not be treated as valid.
22. This service support should be available within 48 hours from the time of logging information and the machine should be fully functional mode.