



## **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- 071 /2025**

**Dated-21.01.2025**

**Amendment-I**

**Revised Technical Specification**

**Schedule III**

**Automatic Slide Stainer**

1. Instrument should have the following features:
2. High Throughput robotic liner stainer for multiple staining applications and should run up to 11 slide racks in parallel.
3. Specimen slide throughput: at least 200 specimen slides per hour (depending on the selected program- up to 600 slides per hour).
4. Simultaneous staining of various different staining protocols.
5. Exact incubation times with simple, menu-driven programming.
6. Incubation times and sequence of use of reagent stations must be freely programmable as per user's choice
7. Solvent resistant screen to monitor the staining process.
8. Racks should be assigned to the correct staining protocol.
9. At least total 26 stations with 18 reagent stations and maximum 5 wash stations of upto 450 ml capacity and racks with 20-30 specimen slides for high throughput.
10. Programmable for 15 programs of up to 25 steps each with incubation time setting from 0 sec to 99 min 59 sec
11. Integrated oven with temperature setting from 30 dg to 65 dg for optimal slide drying.
12. Continuous loading and unloading of slides via rack entry and exit door.
13. Specimen slide throughput of at least 200 slides per hour up to 600 slides per hour.
14. Agitation programmable from 0 to 20 times or continuous.
15. Regent containers can be exchanged quickly and easily.
16. Programmable up and down movement of robotic arm.

17. Integrated Fume extraction system having fan with charcoal filter to remove hazardous fumes.
18. Minimized user exposures to hazardous reagent fumes.
19. Gentle vibration to slide rack during lifting to reduce carry over contamination.
20. Easy-to-clean and resistant surfaces made out of polyester epoxy resin and stainless steel.
21. Audible warning buzzer in case of any error during operation.
22. Should be an UPGRADABLE Model: Must have the provision to be able to get attached to Automated Robotic cover slipper by just removing one side wall of the Linear Stainer, making it a WORKSTATION PLATFORM.
23. The bidder should submit valid CDSCO Certificate / Registration / License for both the manufacturer(s) and importer(s) as applicables.
24. Should have dedicated manufacturer company's own service support or channel partner for East India (not distributor's) with a team of company's own service engineers to support us timely
25. Should have at least at least 15 Nos. of prominent installations at Eastern part of India with at least 5070 in I\&t & government institutions-Detailed user List with recent service reports/performance certificates as proof must be attached.