



National Centre for Biological Sciences  
 The Institute of Technological Research  
 GATE, Bahar, Sector 350, Gurgaon  
 www.mncbs.gov.in

Tender No. MNCBS/34/19/2019/18-19/1

SN	NCBS Specification	Technical Evaluation Marks	Qualification/Min. Score
0	1. Fully automated threaded blade removal. 2. Capable for sectioning large and unique specimens. 3. Blade run lockout. 4. Adjustable blade holder orientation, should be tunable to 90° in up/down direction. 5. Motorized 2 axis vertical movement of full movement range of 20-40mm. 6. LCD display with keypad for displaying sample, speed and size size. 7. LCD display with keypad for displaying sample, speed and size size. 8. Keypad for controlling amplitude, speed and size size. 9. Keypad for controlling amplitude, speed and size size. 10. Keypad for controlling amplitude, speed and size size. 11. System for checking the vibration level. 12. LED Green/red light on top of blade holder. 13. System should be able to run in Manual/Auto mode. 14. All consumables required for installation and specification of system should be supplied with instrument. 15. The system should operate on 230V, 50Hz. 16. The system should be supplied with all the accessories required for function. 17. User/Technical/Maintenance manual, Certificate of calibration and inspection from factory to be supplied with system. 18. Compliance to each of the above points should be separately indicated and evidence provided for each of them. 19. Product brochures should be highlighted wherever required. 20. The system should be CE/ISO certified. 21. Blade cutting vibration/frequency range of 0-90 Hz. 22. Adjustable amplitude in the range of 0.5mm with 0.05mm increment size. 23. Adjustable blade advancing speed range of 0.01 to 1.5mm/second. 24. Blade return speed should be at least 2mm/sec. 25. Adjustable section thickness control, up to 100µm with 1µm increments. 26. Wide specimen holder of at least 4cm diameter for enabling multiple specimen sectioning at once.	30	Desirable = 19/30
27	Wide specimen holder of at least 4cm diameter for enabling multiple specimen sectioning at once.	20	Essential/Mandatory 20/20
Total		100	85

The Proposal shall be evaluated technically first.  
 A minimum weighting mark is set and those firms whose technical proposal score the minimum mark of 85 and above are per-eligible. Essential/Mandatory parameter is marked above shall be considered for financial evaluation.  
 The financial Proposal shall be evaluated. The Commercially lowest bidder shall be the preferred bidder for Award of Contract.

*(Signature)*  
 21/12/2019