

## Notice Inviting e-Tender

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SUPPLY AND COMMISSIONING OF BLOOD-BANK EQUIPMENTS IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT- 56/2016

Dated – 29.09.2016

### AMENDMENT - I

## TECHNICAL SPECIFICATIONS

### SCHEDULE – XII

### CELL COUNTER

1. The machine should be Fully Automated Haematology Analyzer providing at least 19 parameters including 3-part differential, with user definable settings to have both RDW-CV & RDW-SD.
2. Cost per test, onboard stability & test pack size to be included in Form 9 & Form 12.
3. The system should be capable of processing samples at a speed of at least 60 samples per hour in whole blood mode. Pediatric mode should be there for analyzing low volume samples with reportable results for differential parameters along with total counts.
4. The system should use the proven and approved “Volumetric Metering” system of cell counting for WBC’s, RBC’s and PLT’s for high precision of the results & stability of the calibration. WBC differential parameters such as **Granulocytes** / Neut, Lym & Mixed Cells in absolute count will be preferred.

5. The system should have a large LCD display to have a review of all results along with the three histograms of WBC, RBC & PLT on the screen with automatic floating discriminator.
6. The system should be a two reagent system other than a cleaner with non-cyanide based reagent for Hb estimation, using high intensity LED and not lamp.
7. The system should have world reference "Electrical Impedance" method of cell counting for the reliability of the results, with an integrated temperature sensor for monitoring & compensating for shifts in room temperature. The system should have inbuilt probe wiping after every sample.
8. 4 sets of tri-level control to be supplied in a staggered manner over a period of 6 months.
9. External Roller Mixture with capacity of at least 6-9 vials to be supplied.
10. Equipments should be supplied (staggered) with a free reagent for testing 1000 samples in a span of 6 months.
11. The system should have a low cost per test (considering a load of 200 samples per month).
12. Should be supplied with 1KVA online UPS (Libert / APC) having 30 minutes back up.
13. All reagents required should be available locally from the company or its authorized distributor within 7 days of placement of order.
14. Warranty: 2 years; CMC: 5 years.
15. Product certification: CE / US FDA / BIS certified.