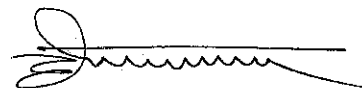


**SPECIFICATIONS OF BLOOD CELL COUNTER (THREE PART
AUTOMATIC HEMATOLOGY ANALYZER)**

1. It should be 3 part fully automatic hematology analyzer with 18 parameters (WBC, RBC, Hb, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, PCT, PDW, Gr% Gr#, Ly%, Ly#, Mo%, Mo# with three histogram). Histogram interpretation booklet of the same company for model quoted should be provided.
2. Method – Principal of cell counting by impedance and selective lysing
– Hb by cyanide free liquid, photometry
3. Instrument should have dual chamber for RBC & Platelets, WBC & Hb.
4. Sample volume range less than 100µl whole blood.
5. Through put 60 samples/hrs. Use only 3 reagents diluents, lyse, cleaner with automated cleaning of sample probe and reagents should be in compact pack.
6. It should have inbuilt printer. Facility for external printer should be provided.
7. It should be US-FDA approved/CE98/79/CE directive or ISO 13485:2003.
8. The firm should have their own quality control and calibrators and extensive QC features.
9. Firm must have various zonal office at District based engineer in Rajasthan. Service should be provided within 24 hrs of breakdown call. List of engineers together with their contact numbers working in Rajasthan only should be given.
10. 0.5KVA UPS with 30 minutes backup should be supplied with equipment.
11. Firm should submit list of user of quoted model in Rajasthan particularly from reputed Lab/Govt. Lab performance report can also be considered.
12. It should have USB port/RS 232 port for data transmission.
13. Equipment should be pest proof.
14. Cost of reagents of start up, shutdown percycle. Per test cost should be mentioned separately and shall be considered separately from cost of equipment should be mentioned in financial bid.
15. Cost of controls should be given separately in financial bid.
16. CMC for 5 yrs after expiry of 3 yrs comprehensive warranty period – Either manufactures or its sole importer in India can quote the tender. Certificate of authorization should be enclosed.
17. Free reagents for start up of standard pack size should be provided, with a set of controls with the equipment at time of installation.
18. Operation manual and service manual must be provided at the time of installation.
Note – Each firm should provide original Brochure for the equipment with detail specification.
Other features should be on letter head of the company not from distributor.



Executive Director (EPM)
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