

**NOTICE CALLING FOR TENDER**

OFFICE OF THE MEDICAL SUPERINTENDENT  
J.N.MEDICAL COLLEGE HOSPITAL  
ALIGARH MUSLIM UNIVERSITY  
ALIGARH- 202002

No. Ext.....1173..... /MCH/Drug Store

Dated 03-12-2019

M/S.....  
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Dear Sirs,

Sealed Tenders/BIDS (one technical + one financial) are invited from manufacturers or their authorized dealer for the following item which should be sealed by the Tenders in separate covers duly super scribed and both these sealed covers are to be put in a bigger cover. This should also be sealed and duly super scribed on the Terms and Conditions as mentioned below.

**Quotations should reach this office on or before 07.01.2020 by 1.00 P.M.**

**Name of Item - Hematoanalyzer**  
**Tender for Reagent Rental Agreement**

**PARTICULARS AND SPECIFICATION-**

**Three Units of Fully Automated 5 Part Differential Hematology Analyzer are required**

**Technical Specifications: -**

1. The instruments should be fully automated 5-part differential hematology analyzer with automatic start up, shut down and sample analysis.
2. Analyzers must be **US FDA/CE/ISO** (as per F.No. Z.28018/67/217-EPW) approved for quality assurance.
3. Should have govt. installation and should be brand new with clearly mentioned manufacturing date.
4. The hematoanalyzers should have a good track record, excellent service and authorized distributor network all over India.
5. The instrument should have minimum maintenance, higher stability and longer shelf life to cut down the maintenance cost.
6. Should have one back up unit along with main unit, all units must be **brand new.**

7. Should have complete information processing system (LIS) with: User friendly software and interfacing facility.
8. Should have sufficient sample data with histograms and scatter grams' storage.
9. Should have sufficient QC files each with sufficient points for QC can be stored.
10. In case of need the company engineer should be available in shortest possible time (e.g. 02 to 03 hours' maximum.) and the service engineer should possess company's valid authorization letter.
11. Start UPS, shutdown maintenance should be a part of per test cost.

### **Hematology Parameters Related Specification**

1. The instrument should be based on flow cytometry (For differentials) & impedance method for RBC/PLT channels.
2. Instrument should have-
  - Immature granulocyte # & % or large immature cell # & % with flagging.
  - Immature Platelets e.g. P-LCR, PLCC/IPF etc.
  - Reticulocyte counts: - Differential +Reti%, Ret# (RetiH%, Reti M%, Reti L%), CRCC, IRF%, MRV, RHCc should be able to report corrected reticulocyte also for correct management of anemias.
  - Separate mode for only Reticulocyte Count (Differential reagent should not be used in Retic only Mode).
  - Must give both color and B&W printouts of well-defined threshold of scatter grams of differentials.
  - Single screen to view all data-
  - All parameters.
  - Histograms.
  - Color matrix / Scatter grams.
3. Must have an auto-sampler (Autoloader) with internal and external barcode reader, making it a totally walk away system thus decreasing the manual intervention.
4. Should have sample volume from 60-100 UL in all modes.
5. Through put: - Should be up to 75-80 sample / hour with large capacity autoloader (e.g. minimum 80-90 tubes at a time with continuous loading capacity).
6. Should have stat sampling with closed tubes, or should be able to analyze CSF & body fluids (if needed).
7. Should have automatic sample re-run mode.
8. Automatic dilution mode for panic samples should have automatic 360<sup>o</sup>C rotated sample mixing for perfect mixing and homogeneity.

