


ANNEXURE-1

TECHNICAL SPECIFICATIONS of FULLY AUTOMATED BLOOD SAMPLE (PHLEBOTOMY) TUBE BAR CODE LABELING SYSTEM OF DR.B.A.M.HOSPITAL, BYULLA,CENTRAL RAILWAY: -

1 TECHNICAL SPECIFICATION :-

1. It should be a New Fully automated blood sample (Phlebotomy) tube labeling system for blood collection.
2. It should be highly efficient and should carry out Error free specimen labeling of tubes.
3. It should have throughput/tube discharge speed of 2.5 sec or less per tube.
4. It should include modular system comprising of computer system (CPU,Monitor-touch screen),inbuilt printer, tube drawers, tray stackers and 2D barcode scanner.
5. It should have 7 or more tray chambers to load different types of phlebotomy tubes with flexibility of interchanging the tray chamber depending on workload
6. Each tray chamber should have a capacity of minimum 20 tubes.
7. It should have automated bar code labeling which can stick labels precisely at correct position and the position can be easily changes (If required) as per the tube size; to adopt to various kinds of downstream analyzers.
8. It should have automatic Patient ID Verification and automatic tube selection.
9. It should have option to designate order of draw for the tubes
- 10.It should identify& print all the patient related information like Name, Patient ID No. Ward, Sample ID No. etc
- 11.System should dispense all the tubes and extra labels for the tests like urine, sputum or stool; as per patient test requisition, along with the summary of the work-list
- 12.Printing Method should be direct thermal
- 13.It should be compatible with laboratory information system (LIS) and HMIS system and should allow automatic tube selection as per test requisition of each patient in the LIS system.
- 14.The firm should during the period of warranty and C-AMC of equipment, provide, install and maintain hardware and interface software compatible with our laboratory information system (LIS) and HMIS in the hospital, including modern facilities for online trouble shooting wherever applicable.
- 15.The equipment should be supplied with a true online UPS of appropriate capacity with minimum of three-year warranty.


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11/4/26
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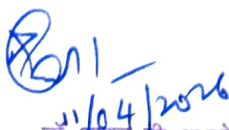
General Specifications For Fully Automated Blood Sample (Phlebotomy) Tube Bar Code Labeling System

1. Details of previous supplies to various hospitals of repute in Mumbai, Maharashtra, India, other Railway Hospitals, other Government Hospitals with year of sale and contact person. Performance report from these Institutions should be enclosed, which can be verified after tender opening.
2.

After sales service required

at the place of delivery. Details of after-sales service facilities like Address, Telephone no, Fax no, Email etc.; number of technicians, engineers with their qualification, inventory for repair and number of equipment serviced by the Centre should be enclosed.
3. Offer should include 3 years Comprehensive Warranty for the main system and the accessories supplied with the main equipment. The successful tenderer should submit a Bank Guarantee (10% of P.O.Value) for the warranty period.
4. Should quote separately for 5 years Comprehensive Annual Maintenance contract for main equipment and the accessories after the warranty period. These charges shall include all costs of personnel and spares. Any exception to this inclusion like consumables shall be specifically mentioned in the offer, with their current cost. The CAMC shall necessarily include minimum of 4 preventive visits and any number of breakdown calls.
5. The firm should provide commitment to attend to breakdown calls within 24 hours.
6. Standby facilities should be provided in case downtime exceeds 72 hours. If the firm fails to provide standby equipment within 72 hours, they are liable to pay a penalty of 1% of CAMC value or part thereof per day.
7. In case Standby facilities are not provided, the firm shall ensure to have the relevant work for the patients of the Hospital done by the same methodology elsewhere, free of cost, by collecting the samples given at the Hospital and deliver results within the specified time.
8. Original technical Brochure should be enclosed with the quotation.
9. The list of consumables if any along with the cost to be provided in a separate sheet which is to be fixed for 8 years (3 years warranty & 5 years C-AMC).
10. The Inter se-position of offers will be decided on sum total of a+b as below.
 - a) The total Cost of equipment including GST
 - b) The cost of CAMC for 5 years after 3 years warranty including GST

ABOVE TECHNICAL SPECIFICATION ARE GENERIC AND NOT TAILOR MADE TO SUIT ANY SPECIFIC MAKE & BRAND.


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(II) OTHER GENERAL CONDITION: -

- 1) Original technical Brochures, which will indicate the compliance of the technical specifications as required by us, should be provided.
- 2) The firm shall specifically provide compliance statement for all technical specification.
- 3) The firm OEM should commit to supply specific spares till completion of codal life of the equipment.
- 4) Tenderers who are OEM, must give undertaking for supply of spare parts for a period of expected life of the machine /equipment. Otherwise tenderers must submit undertaking from OEM for supply of spare parts for a period of expected life of the machine/equipment, otherwise offer is liable to be ignored.
- 5) After sales service required at the place of delivery. Details of after sales service facilities like address, Toll Free Number, Telephone No, Fax No, Email etc are to be provided. Number of Technical persons/ Engineers should be enclosed.
- 6) Downtime in case of breakdown should be 72 hours or less, failing which, standby facilities should be provided. Any delay after 72 hours without providing standby facilities shall attract a penalty of 1% per day of CAMC value.
- 7) Market standing of the firms should be minimum 3 years.
- 8) Comprehensive Warranty for 3 years & Comprehensive AMC for 5 years after completion of warranty should be required.
- 9) Inspection - Visual Inspection by System selected THIRD PARTY INSPECTION (TPI) AGENCY, against Guarantee Certificate & Technical Certificate (GC & TC) of OEM, at Consignee place.

The above specifications are the minimum standards required by us and anything better would be acceptable.


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