

TECHNICAL SPECIFICATIONS
DIGITAL HEMOGLOBIN METER

1. Device should based on broad spectrum photometric/isobestic points working on cyanmethhaemoglobin/ azidmeth or imidazole methemoglobin hemoglobin method.
2. Device should Color/ black and white LCD Display
3. Device should measure Hb within 60 seconds
4. Should in built with Li-Ion battery/power backup with AA or AAA batteries, over 40 hours usage with a fully charged battery
5. Device Should programmed with detachable or Automatic cuvette/ strip holder, ejects the cuvette after measurement
6. Should always ready for measurement, even in standby mode
7. Device should also display Hct value is optional.
8. Shelf life of the cuvettes / strip must be 1 year with open vial stability of cuvette / strip must be atleast three months.
9. Cuvette/ strip may be reagent base or reagent free.
10. Cuvettes/strip must be insensitive to humidity and/or temperature, operating temperature range 5 - 40°C.
11. Measurement accuracy +/- 0.3 g/dL for 0-20 g/L, +/- 0.7 g/dL for > 20 g/dL, compared to HiCN , ICSH
12. Measuring range 0-24 g/dL.
13. Power supply 100-240 V AC , 50-60 Hz
14. Approx. 40 hrs continuous, with a fully charged battery.
15. Certification:- European CE with notified body number /US FDA and IVD approved.
16. Transport Box should be supplied additionally with Equipment.
17. Guarantee – Three years from the date of installation.
18. Quality control has to be run quarterly free of cost by the firm with minimum 3 levels and supplier should provide calibrator and calibration certificate once in a year free of cost during guarantee period.
19. Company should have their own QC and R&D wing
20. Rate of Consumable item should be provided by bidder in BOQ.
21. Final rate of consumable kit after negotiation will be freezed for two years.
22. 200 cuvetts /strips should be supplied free of cost with Equipment.
23. The company should submit technical compliance sheet as per technical specifications mentioning the make & model of quoted item along with catalogue in the Technical bid.
24. Demonstration of equipment is must for final technical approval.

Indicative Rates of Consumable (Cuvettes)		Amount in Rs.
1.	Rate of Consumable Item as per Technical Specification	25.00
2.	Rate of CST or Concessional CST in percentage @ 02 % / VAT	0.50
3.	Total Price Including CST/VAT	25.50


Executive Director (EPM)

Rajasthan Medical Services Corporation Ltd

Jaipur