

## SPECIFICATIONS OF BLOOD GAS ANALYZER

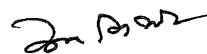
1. Blood Gas Analyzer for the measurement of pH, pO<sub>2</sub>, pCO<sub>2</sub>, HCT, Lactate and Electrolytes minimum Na, K, Cl from whole blood with calculated parameters. All parameters should be in a single unit.
2. Reagent & electrode/sensor should not be included in a single pack.
3. Instruments should have liquid calibration technology/ tonometered liquid reagent/ Gas Calibration Technology.
4. Instruments should have user friendly software.
5. Instruments should have inbuilt memory for patients data & quality control data.
6. Instruments should have battery back-up or online UPS should be supplied with the machine for minimum of half an hour.
7. Analyzer should be able to measure capillary samples as well as syringe samples.
8. Instruments should have inbuilt printer.
9. Instruments must be USFDA & CE approved and to enclose latest certificates.
10. System should have comprehensive quality control programme.
11. Company should have own control & calibration.
12. Instrument should be of latest technology and should be latest model.
13. Instruments should have Inbuilt thermal printer & RS 232/ USB port to connect with external computer and the equipment should be supplied with necessary software and hardware.
14. The service engineer should be based in Rajasthan.
15. Guarantee: Three years on equipment.
16. CMC: CMC will be given @ 4 % (of net rate- inclusive of Excise Duty & exclusive of VAT/CST etc.) plus service tax (as applicable) and yearly

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escalation of 5 % on last year's CMC price. The CMC may be awarded for five years (on yearly basis) after Guarantee period of three years.

17. Electrodes/Sensors should have minimum life span of one year.
18. Demonstration is must.
19. Equipment should be supplied with one standard reagent & consumable pack along with quality control.
20. Consumable and spare parts: Rates of Consumable and spare parts as per requirement of the equipment should be provided by bidder in BOQ in e-proc. Portal.
21. The company should mention the make & model name/number of the quoted equipment and submit the technical brochure of the quoted model in the Technical bid along with compliance sheet as per technical specifications.
22. Firm should mention all the pre-installation requirements in technical bid. Installation will be done by supplier free of cost.



**Executive Director (EPM)**

**Rajasthan Medical Services Corporation Ltd.,  
Jaipur**

