



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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Supply and Commissioning of different medical equipment for Critical Care Block(CCB)
project(Item category-Type A)
(Submission of Bid through *online*)

2nd call of Bid Reference No.: WBMSCL/NIT-175/2022(schedule-VII,VIII,X&XI); dated-18.04.2023

Bid Reference No.: WBMSCL/NIT-427/2023

Dated-26.07.2023

Schedule-I

Amendment-I

REVISED TECHNICAL SPECIFICATION

ABG Machine with ISE

- 1) **MEASURED PARAMETERS:** pH, PO₂, PCO₂, Hb / Hct, Na, K, Ca, Cl & Lactate.
- 2) **CALCULATED PARAMETERS:** Total CO₂ or TCO₂, HCO₃ (Standard), Base Exc, Base ECF, D (A-a) O₂, Total Buffer Base, Anion Gap.
- 3) Should work on whole blood and should be suitable to work with less volume of neonatal and paediatric whole blood sample via auto aspiration.
- 4) System should be cartridge based.
- 5) Should have a sample temperature control of 37 °C.
- 6) Analysis time should not be more than 90 to 120 seconds.
- 7) It should have inbuilt / integrated printer. The equipment and the printer should also be physically integrated.
- 8) Should display all results in print out.

- 9) Should have input parameters of patient Temperature, Haemoglobin, Hct, FiO₂, patient ID etc.
- 10) Capable to work both syringe and capillary samples (sample volume ≤100 micro litre)
- 11) Should have numeric / touch keypad, LCD display and printer.
- 12) Analyser with memory of 200 tests or above.
- 13) System should be supplied complete with all standard accessories and start up kits.
- 14) External calibration during Preventive Maintenance Service (PMS) is mandatory by the supplier.
- 15) Cost per test calculated on the suitable pack size considering the number of tests per day mentioned in the table below will be considered during financial evaluation. Expected consumption in 5 years of the different cassettes covering all the parameters of tests is detailed in the table below:

Parameter	Indicative Usage per month (nos. of test)
pH, PO ₂ , PCO ₂ , Hb, Hct, Na, K, Ca, Cl & Lactate	300

- 16) Required no of cartridge / reagent for 300 tests should be supplied free of cost with each machine.
- 17) Warranty should be covered for 2 years.
- 18) Warranty should include everything required for operation of equipment except cartridge / reagent.

The rate of consumables for Blood Gas Analyser shall be fixed for 3 years. After completion of 3 years price of the Consumables may be increased commensurate with the applicable Cost inflation index (CII) as per CBDT or decrease as per prevailing market price at that point of time.

Self life of the reagent / cartridge should not be less than 2 years. The selected bidder have to supply the reagent / cartridge as staggered manner as when required from the end user.

Standards and Safety:

- i). It should be US FDA or European CE IVD or European CE (4 digit notified body) or BIS approved (Certificate to be submitted).
- ii). It should **have onsite service facility**. The service provider should have necessary equipments recommended by the manufacturer to carryout preventive maintenance test as per guidelines provided in the service/ maintenance manual.