



## Notice Inviting e-Tender

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SUPPLY OF CRITICAL CARE UNIT (CCU) AND HIGH DEPENDENCY UNIT (HDU) EQUIPMENTS  
IN THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVERNMENT OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 99/2018

Dated-06.06.2018

The following amendment have been made in the tender document,

### Amendment –III (Revision of Technical Specification)

The revised technical specifications for the item is given below,

#### Electrolyte Analyser [ION Selective]

Electrolyte Analyser [Ion Selective]

Specification :

Calibration Certificate - Essential

- 1) Parameters - Sodium, Potassium, Chloride (Essential); Calcium or Lithium (optional) but provision should be there.
- 2) Automatic calibration with liquid calibrator.
- 3) Should analyse whole blood (essential), Serum (essential), Plasma (essential), Urine (desirable), Dialysate (desirable).

- 4) Low sample volume (within 200Micro Liter).
- 5) Low cost of electrodes.
- 6) Data storage facilities.
- 7) Low running cost per test.
- 8) Single electrodes should be separately changeable.
- 9) On board stability of reagent should be minimum of 6 month
- 10) The system should have a low cost per test (considering work load of 200 samples per month).
- 11) No requirement of periodic change of spare parts except electrodes.
- 12) Standby mode should be there.
- 13) In built printer facility.
- 14) In built system for QC with SD or CV.
- 15) In built Display facility

**Note:** Cost for consumable required for testing and obtaining 12000 reportable test results likely to be undertaken for 5 years will be considered during financial bid evaluation. The cost for the consumable will remain unchanged during 5 years.

#### **Preference (Added Advantage)**

1. Additional parameters - Calcium and Lithium.
2. In built printer.
3. In built QC with SD or CV.
4. Standby mode.

#### **• Environmental Factors**

- The Unit shall be capable of being stored continuously in ambient temperature of 10 - 40°C & relative humidity of 15 - 90% and non-condensing.
- Shall be capable of operating continuously in ambient temperature of 10 - 40°C and relative humidity of 15 - 90% and non-condensing.

#### **• Power Back-up**

- Power input: 220-240V / 50Hz Single phase or 380-400 V AC50 Hz three phase fitted with appropriated Indian plugs & sockets.

- **Standards, Safety & Training**

- CE (Declaration of Conformity on compliance with In Vitro Diagnostic Device Directive IVD – 98/79/EC) or US FDA Certified.
- Manufacturer should have ISO certification for quality standards.
- Should have local service facility. The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service / maintenance manual.
- Two years warranty + 5 years CMC including electrodes.
- User manual in English.
- Service manual in English.
- List of important spare parts and accessories with their part number and costing.
- Certificate of calibration and inspection from factory.
- List of equipments available for providing calibration and routine maintenance support as per manufacturer documentation in service / technical manual.
- Must submit user list and performance report within last 5 years from major hospitals.