



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
GN-29, Salt Lake, Sector-V
Kolkata-700091

Phone No (033) 40340307/320
E mail: procurement@wbmsc.gov.in

Supply and Commissioning of 5(Five) Different medical equipment at different Hybrid CCUs
across the state of West Bengal
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-593/2023

Dated-03.10.2023

Amendment-I

REVISED TECHNICAL SPECIFICATION

Schedule-IV

Electrolyte Analyzer

Specification	Specification Name	Bid Requirement (Allowed Values)
Generic	Measuring Parameter	Potassium (K), Sodium (Na), Chloride (Cl), Ionized calcium (iCa), pH
	Sample Type	Serum, Plasma, Whole Blood, Urine
	Measuring Method	Ion selective electrode (ISE)
	Minimum Sample Volume	90 Micro Litre Or higher
	Rapid Test Speed Capability	More than 60 tests per hour
Measurement of Sodium	Measuring Range of Na (Blood Sample)	20-200 mmol/L
	Measuring Range of Na (Urine Sample)	3-300 mmol/L
	Measuring Accuracy of Na (+/-) (In %)	0.1% Or higher
Measurement of Potassium	Measuring Range of K (Blood Sample)	0.5 - 15 mmol/L

Specification	Specification Name	Bid Requirement (Allowed Values)
	Measuring Range of K (Urine Sample)	5-120 mmol/L
	Measuring Accuracy of K (+/-) (In %)	0.5% Or higher
Measurement of Chlorine	Measuring Accuracy of Cl (+/-) (In %)	0.5% Or higher
Measurement of Calcium	Measuring Range Ca (Blood Sample)	0.1-5 mmol/L
	Measuring Accuracy of Ca (+/-) (In %)	0.5% Or higher
Measurement of pH	Measuring Accuracy of pH (+/-) (In %)	0.5%, 1%, 2%, 5%, NA Or higher
Display	Connectivity Interface/Port	RS232, USB
Software	Suitable Application Software Provided	Yes
	Feature for Software	Option to feed Patient Name and / or Patient ID
UPS Specifications	Suitable Online UPS Provided	Yes
Printer Specifications	Suitable inbuilt Printer Provided	Yes
Buyer Specific Requirement & Features	Features	Real time reagent level monitoring and alarming systems (preferable), Integrated Pack to avoid Wastage Handling, Maintenance free electrodes, Automatic one and two points calibration, User controlled manual calibration option, NA
	Accessories	Reagent pack for 500 tests
	Barcode Scanner / RF ID Provided	Yes
Training	Training Methods	Onsite at the time of Installation
Warranty & Services	Service/Repair request response time	Within 48 Hours
	Warranty including electrodes on Complete Unit	2 years
Additional Specification Parameters - Electrolyte Analyzers (V2)		
Specification Parameter Name		Bid Requirement (Allowed Values)
A) Reagent for reportable test B) Necessary calibrator and quality control system		A) 500 nos. to be supplied with the machine and the rest 1000 nos. will be supplied after 3 months B) For 3 months to be supplied with the machine and the rest necessary for 3 months to be supplied after that
Certificate		European CE(4 digit notified body)/CE-IVD/US FDA/BIS/ CDSCO approved