



## 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 Medical Equipment for the District Integrated  
Public Health Laboratory  
(Discipline-Biochemistry)  
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-504/2023	Dated-25.08.2023
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2<sup>nd</sup> call bid reference no WBMSCL/NIT-271/2023 Dated-24.05.2023

### Amendment-II

#### REVISED TECHNICAL SPECIFICATION

##### Item No.-1

##### CLIA Based Automated immunoassay Analyser

###### Product Specifications

- Fully Automated Random Access
- Up to 90-120 tests per hour
- Sample volume per test: 10-130  $\mu$ L.
- Serum, plasma, urine, whole blood (assay-dependent) type of samples handling system.
- Chemiluminescence / Electro Chemiluminescence based
- LCD of display
- 2-point re-calibration facility, Switched mode power supply/ Adapter based Automated instrument calibration, User friendly and intelligent software
- Touchscreen user interface or Data entry
- HIS/LIS Interface available
- External USB or any other form of storage available (In case of floppies an uninterrupted and continuous supply of floppies to be provided to the consumer till the machine is out of service by the vendor)
- Minimum battery backup of 30 minutes (Online UPS 1 KVA).
- External printer compatible with the instrument should be provided

###### Warranty

- 2 years

Power requirements

- 220-240 V

Environment and Safety

- Complies with international environmental, health, and safety

Safety Certification: CE IVD/ US FDA/ BIS

**Item No.-2**

**Refrigerator 400 liters**

1. Frost free.
2. Capacity: 400 Liters or more.
3. Temperature Range : 2°C to 8°C.
4. Deep freezing temperature
5. Temperature Accuracy:  $\pm 0.5^{\circ}\text{C}$  Controller - PID Controller.
6. Construction - Exterior: Powder Coated Mild Steel; Interior: Stainless Steel.
7. Door - Standard hinged Double doors with double gasket.
8. Insulation - PUF insulation.
9. Trays - Perforated trays made of stainless steel Refrigeration - CFC Free compressor.
10. Air Circulation - Forced air circulation.
11. Should be supplied with digital thermometer for upper and lower chamber separately.
12. Alarms - Audio / Visual alarm for High / low temperature
13. Power - 220 / 230 Volts 50 Hz
14. Certification: CE / EC / UK Cert / US FDA / BIS

**Item No.-3**

**Micropipette 0.1- 2 $\mu$ l**

Specification	Specification Name	Bid Requirement (Allowed Values)
Features and Sizes	Type of Micropipette	Manual single channel variable volume
	Locking Mechanism	No
	Analog/Digital Volume Indicator	Yes
	Volume Range of Variable Volume Single Channel pipette	0.1- 2 $\mu$ l
<b>Additional Specification Parameters - manual single channel air displacement pipettors or micropipette</b>		
<b>Specification Parameter Name</b>		<b>Bid Requirement (Allowed Values)</b>
Certification		CE-IVD / US FDA / BIS
Sample rack		3 nos. (each contained 20 test tubes)
Warranty		2 years

**Item No.-4**  
**Micropipette 1- 10µl**

Specification	Specification Name	Bid Requirement (Allowed Values)
Features and Sizes	Type of Micropipette	Manual single channel variable volume
	Locking Mechanism	No
	Digital /Analog Volume Indicator	Yes
	Volume Range of Variable Volume Single Channel pipette	1- 10µl
<b>Additional Specification Parameters - manual single channel air displacement pipettors or micropipette</b>		
<b>Specification Parameter Name</b>		<b>Bid Requirement (Allowed Values)</b>
Certification		CE-IVD / US FDA / BIS
Sample rack		3 nos. (each contained 20 test tubes)
Warranty		2 years

**Item No.-5**  
**Multi-Channel pipette (Octapipette) 200-1000µl**

Specification	Specification Name	Bid Requirement (Allowed Values)
Features and Sizes	Type of Micropipette	Multi-Channel (Octapipette) variable volume
	Locking Mechanism	No
	Digital/Analog Volume Indicator	Yes
	Volume Range of Variable Volume Single Channel pipette	200-1000µl
<b>Additional Specification Parameters - manual single channel air displacement pipettors or micropipette</b>		
<b>Specification Parameter Name</b>		<b>Bid Requirement (Allowed Values)</b>
Certification		CE-IVD / US FDA / BIS
Sample rack		3 nos. (each contained 20 test tubes)
Warranty		2 years