



## 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 POC Cartridge Based Diagnostic System Analysis of Cardiac Markers, Infection Markers, Flexibility of using C-Tip method & In-built Printer for the department of Trauma Care Centre at IPGME&R-SSKM Hospital

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-038/2025

Dated-10.01.2025

### **AMENDMENT-I II**

## **Revised Technical Specification**

### **POCT Analyser**

**POC Cartridge Based Diagnostic System for Analysis of Cardiac Markers, Infection Markers, Hormone, Diabetic Markers Including Ferritin with In-built Printer & Moving POCT Cart.**

- Analyser should measure Tn-I Plus, Tn-T, CK-MB, NT-proBNP, D-Dimer, Myoglobin, Cardiac Triple, Hscrp and D-Dimer.
- Analyser should measure CRP, PCT, PCT Plus, HBsAg, Anti-HBs, Anti -HCV, ROTA, NORO, Dengue IgG/IgM, Ferritin, Vitamin-D, Anti CCP Plus and MxA/CRP, PSA, AFP & CEA
- Analyser should measure TSH, TSH Plus, T3, T4 FSH, FSH Plus, Total  $\beta$ hCG,  $\beta$ -HCG Plus, LH, LH Plus, Testosterone, Progesterone, Cortisol, AMH , Infiximab & Anti Infiximab.
- Analyser should measure HbA1c, Micro albumin
- Analyser should use Serum/plasma/whole blood up-to 50 $\mu$ L finger-prick/ venous blood testing
- The blood collection capillary tube should be provided with the cartridge for collection of blood from the figure tip.

- The analyser should be based on Automatic Fluorescence Immuno Assay technology
- Analyser should give results in 3-15 minutes.
- Analyser should have minimum 1 integrated channel for performing different tests.
- Analyser should have 2 calibrators & 2 controls Internal & external controls system.
- Analyser should have minimum 7" touch screen monitor/External and in-Built/External thermal printer.
- Analyser should have USB port/Ethernet/SD card slot and capability of LIS/HIS compatibility with HIS.
- Analyser should have data storage capacity of up-to 5,000 patient results
- Analyser throughput of the device should be 10 tests per hour
- System must be capable of using blood samples typically less than 60ul depending on cartridge type.
- Analyser should be battery operated using electric power source 11-240V AC
- Analyser must have capability to transmit the patient results to Hospital LIS or HIS
- Cartridge / reagent before use can be stored at temperature between 2-20 Degree C, and should have Automatic calibration.
- Type of technology should be Single use cartridges
- Shelf life of the reagent on-board shelf life of reagent should be minimum 1 year.
- User/Technical/Maintenance manuals should be supplied in original in English in hard and soft copy
- The principal manufacturer must have direct Presence or approved service center In India
- Demonstration of equipment and training to be provided after completing supplies before acceptance.
- The bidder must quote the cost of the individual parameter per test in the BOQ. Pack size of the parameter should be maintained in form 8.
- The bidder should submit valid CDSCO Certificate/Registration/License for both the manufacturer(s) and importer(s) as applicables.

## Item No 2

**Price of disposable single use cartridges compatible with the analyzer for the following parameters to be quoted separately**

- D-Dimer consumption per month – (25 – 30 test)
- Cardiac Triple (Tn-I, CK MB, Myoglobin) consumption per month – (25 – 30 test)
- ST2
- TROP I consumption per month – (50 test)
- TROP T consumption per month – (50 test)
- hsCRP consumption per month – (500 test)
- TSH consumption per month – (50 test)
- TSH Plus consumption per month – (50 test)
- T3 consumption per month – (50 test)

- T4 consumption per month – (50 test)
- CRP consumption per month – (1000 test)
- PCT consumption per month – (100 test)
- PCT Plus consumption per month – (100 test)
- IL6 consumption per month – (100 test)
- HBsAg consumption per month – (100 test)
- Anti-HBs consumption per month – (100 test)
- Anti-HCV consumption per month – (100 test)
- Ferritin consumption per month – (25 test)