

## Notice Inviting e-Tender

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

Phone No (033) 40340308  
E mail: [procurement@wbmsc.gov.in](mailto:procurement@wbmsc.gov.in)

SUPPLY AND COMMISSIONING OF MEDICAL EQUIPMENTS FOR BLOOD COMPONENT SEPARATION UNIT FOR THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVT. OF WEST BENGAL.

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT- 47 /2016

Dated – 16.08.2016

The following amendment have been made in the tender document,

### **Amendment - III**

#### SCHEDULE – IV

#### Semi Automated Coagulometer

##### 1. TECHNICAL CHARACTERISTICS:

- Should be microcomputer controlled semi automatic with at least 4 channels optics.
- Based on optical / mechanical principle with LED suitable for PT, a-PT, fibrinogen, thrombin time, factors II, IV, VII, VIII, IX ,X, XI, XII.
- Results can be represented in seconds %activity, ratio, INR and g/L and mg/L Should be able to stop specific test parameter in the system.
- Printer type should be specified with equipment specification(Laser printer with maintenance cost included in CMC)
- Should generate the standard curve for factor assays.
- Open system for reagent and low reagent consumption.
- **Construction:** Should have integrated/external incubation block with pre warming position.

- Complete system with printer or printer connectivity is required.
- Display: LCD display
- Calibration: manual
- Detailed results including graphical representation.
- Settings: Manual
- User's interface: Manual
- Should have provision for LIS compatibility

## 2. ENERGY SOURCE (electricity, UPS solar, gas, water, CO2.....):

- 2.1. **Power Requirements:** Input voltage 220 /240V 50Hz fitted with Indian plug.
- 2.2. **Other energy supplies:** Suitable online UPS with maintenance free batteries for minimum 30 mins backup should be supplied with the system.

## 3. ACCESSORIES SPARE PARTS CONSUMABLES:

- 3.1. **Accessories & Spare parts:** Complete with maintenance comprehensive set of spare parts. The make rating model, description, specification, price, quantity, of each item shall be furnished separately.

## 4. ENVIRONMENTAL AND DEPARTMENTAL CONSIDARATION:

- 4.1. **Atmosphere/ Amblance (Air-conditioning, Humidity, Dust):** Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%
- 4.2. **Additional requirement:** All equipment should specify design qualification operational qualification and performance qualification validation and calibration report should have traceability towards applicable National/International standards. Performance efficiency other factor such as distortion etc as applicable be also furnished. Complete construction details in respect material specification thickness finish etc are to be furnished.

## 5. STANDARD AND SAFETY:

- 5.1. **Product Certification:** CE or US FDA certified
- 5.2. **Quality certifications:** ISO certified
- 5.3. Supporting documents to be provided for protection of electrical safety.

## 6. WARRANTY AND MAINTENANCE:

- 6.1. **Warranty:** 2 years
- 6.2. **CMC:** 5 years