



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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Procurement, supply and installation of Transcutaneous Bilirubinometer for the Hospital and Medical College of the Government of West Bengal
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-467/2025

Dated-04.06.2025

The following amendment have been made in the tender document,

Amendment –II (Revision of Technical Specification)

The revised technical specifications for the item is given below,

Transcutaneous Bilirubinometer

1. Non Invasive Screening device that provides a fast (on spot) objective index of icterus in infants, neonatal patients with a gestational age > 24 weeks
2. Hand-held device for outpatient/inpatient usage which is of Pocket size.
3. Should have a Reusable measuring probe, to apply wipe disinfection
4. For measurement of transcutaneous bilirubin (TcB)
5. **Transcutaneous Bilirubinometer should be of following specifications**
 - a. Non invasive measurement with no consumables. Should use a light source - preferably pulse xenon arc lamp - to carry out readings
 - b. Detectors - Silicon photodiodes
 - c. Should be light weight not more than 210 gm with integrated rechargeable battery
 - d. Should be capable of doing at least 250 measurements on a full charge. Battery should be easily rechargeable (2hrs)
 - e. Should have a choice of taking readings, between single, 2-5 measurements as an average
 - f. Should have an internal memory backup of at least 100 readings
 - g. Should have connectivity for electronic medical record (EMR) for data transfer

- h. Should have large touch screen display for easily readout, should also display the date on which reading is taken
- i. Should easily mark babies that need special attention with patient flagging
- j. Should provide fast accurate entry of nurse and patient identification information, barcode scanner can be optional
- k. Should have charging station to check calibration on light wavelength
- l. Should work with all skin colour
- m. Measuring range 0.0 mg/dL to 20 mg/dL. Or 0-340 μ mol/L

6. Scope of supply

- a. Transcutaneous Bilirubinometer
- b. Charging unit with calibration checker
- c. Instructions for use
- d. **Certification:** Valid CDSCO Certificate License for the manufacturer(s) & Registration Certificate from CDSCO for the importer(s) as applicable.