

Notice Inviting e-Tender
West Bengal Medical Services Corporation Limited
Swasthya Bhawan Complex
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Kolkata-700091

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**SUPPLY OF PHOTOTHERAPY UNIT IN THE HOSPITALS AND MEDICAL COLLEGES OF
THE GOVERNMENT OF WEST BENGAL.**

(Submission of Bid through *online*)

Bid Reference No.: WBMISCL/NIT-51/2014

Dated-08.08.2014

The following amendment have been made in the tender document,

Amendment - III

REVISED TECHNICAL SPECIFICATION

Phototherapy Unit

1. It should have a sturdy mobile stand with antistatic castors. Two castors must have brakes.
2. It should be Light Emitting Diode (LED) phototherapy unit with irradiance more than 30 microwatt per sq cm per nm.
3. LED lamp life should not be less than 50,000 hours.
4. Power requirement should not be more than 30 Watts.
5. It should have on/off switch to start/stop phototherapy.
6. Wave length of LED light should be in the range of 450 – 480 nm for optimal treatment of jaundice.
7. It should have a timer to monitor duration of therapy.
8. It should have tilting facility both horizontally and vertically at any angle.
9. The unit should be capable of providing under surface phototherapy as well.

10. Height adjustability – Minimum 138 cm and maximum 190 cm with a permissible range of $\pm 5\%$. Height adjustment stand should be made of stainless steel.
11. The unit must have a sticker in front of the phototherapy unit as desired. The design of the sticker should get approved from WBMSCL before supply.
12. The decrease in level of bilirubin on application of phototherapy unit must be satisfactory and will be evaluated during demonstration and trial run.
13. Dimension of the base stand should occupy less space.

14. Spares & Accessories

The supplier will measure irradiance and show the irradiance to end user each time during his quarterly visit using a standard irradiance meter which measures 450 – 480 nm wavelengths. The irradiance is to be measured at a distance of 45 cm from the lamp.

15. Standards, Safety and Training

- i). Complete unit should conform to internationally accepted quality standards and should carry the US FDA or CE certification.
- ii). Should have local service facility. The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provider in the service / manufacturer manual.
- iii). Warranty for 5 years followed by CMC for another 5 years. Entire unit should be covered under warranty and CMC.

16. Documentation

- i). User/maintenance manuals to be supplied in English, preferably with translation in Bengali.
- ii). List of important spare parts and accessories with their part number and costing.
- iii). Maintenance Log book with details and instructions for periodical maintenance checklist.
- iv). The respective job description of the hospital technician and company service engineer should be clearly spelt out.