



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

**Procurement of 2 (Two) Single Platform/ Multiple Stand alone Laser Machines for
CNMCH and IPGME&R SSKM Hospital**
(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-359/2023

Dated-06.07.2023

2nd call bid reference no. GEM/2023/B/3415902

Amendment-I

**Revised Technical Specification For Single Platform / Multiple
Standalone Laser System With Multiple Indication**

A. Type of LASER - Nd: YAG LASER

1. The system should have hand pieces and LASER based hand pieces.
2. LASER with inbuilt cooling.
3. The maximum spot size for Q switch should be up to 10mm
4. It should have a fractional 5x5 mm tip for Q switched LASER.
5. Collimate hand piece up to 10 mm.
6. The long pulse Nd: YAG hand piece should come with a 10mm spot size.
7. Energy at the end of hand piece – Nd: YAG , Long pulse and Q switched
8. Repetition rate single shot : 1- 4 Hz. pulses / sec

B. Type of LASER: Diode LASER / long pulse ND YAG

- a) Maximum energy 300 J
- b) Pulse duration 300-400 msec
- c) Wave length 810 nm
- d) Spot size 10 X 9/ 20 X 9/ 20X10/ 30 X 9 and 30 X 17
- e) Maximum peak power 4.8 W

Or

- a) Maximum spot size 10 mm

b) Maximum pulse duration 45 msec

C. Type of LASER: CO2 Fractional LASER system with surgical hand piece / Erbium YAG fractional LASER

- a) Wave length : 10600 nm
- b) LASER power upto 30 W
- c) Pulse Duration 20 – 5000 μ s.
- d) Over lap 1 – 10th
- e) Distance 0.1 to 2 mm
- f) Treatment area – 1 X 1 to 20 X 20 mm
- g) Repetition rate 0.2 – 2 sec per single shot
- h) Surgical hand piece 0.2 to 1.3 mm spot size

Or

- a) Wave length 2940 nm
- b) Should have fractional and focused tips
- c) Should have maximum range of 7 X 7

1. Should have an in built cooling system for all separate platforms or for the entire single platform system (Optional)
2. The system should be supplied with an UPS with minimum power back up of 30 minutes.
3. It should be approved for the following indication : hair reduction, pigment and Scar removal
4. All separate platforms or the entire single platform system must be USFDA / BIS / European CE (4 digit notified body) certified.

Note: All three / one platform LASER should preferably from the same manufacturer.