



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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Kolkata-700091

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Supply and commissioning of various ophthalmic equipment across different Health Facilities of the Govt of West Bengal under the project NPCB and VI

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-293/2025

Dated-16.04.2025

Amendment I

Revised Technical Specification

Schedule No.VII ND Yag Laser

- Laser wavelength 1064nm.
- Structure Mode: **ultra** /super-Gaussian for highly precise beam profile.
- Optical breakdown 2 - 2.6mj or less in air.
- Pulse duration < 4ns
- Laser Energy in different pulse mode **9 mJ or less & 35 mJ or more in 3 different modes**
- Energy levels:20 - 22 steps
- Pulse repetition frequency Max.2 Hz.
- Focus diameter 8- 10 micron in air.
- Cone angle/Angle of exit aperture 16 Deg.
- Aiming beam Laser diode with 620 - 670nm wavelength.
- Aiming beam should be with **2 or 4** Point.
- Focus shift between aiming and therapy beam **0 to 300 μm or more** toggle between anterior/posterior.
- Remote laser control unit so that laser parameters can be changed by assistant for easy use, It should not be Integrated/mounted on the Slit lamp from same manufacturer.

- Laser should be reputed international make with 10 -15 year track record.

LASER SLIT LAMP :

- Slit Lamp with 3 steps or more magnification changer with 10x/12.5x eyepieces and straight tube f=100mm or more with PD adjustable 50-78mm.
- Illumination : LED 1-6v, 1-2W brightness continuously adjustable
- Slit width 0-14mm continuous, Length 1/3/5/9/14mm.
Integrated display of laser parameters inside the eyepiece of slit lamp (optional)

Standard and Safety Certification: Valid CDSCO Certificate License for the manufacturer(s) & Registration Certificate from CDSCO for the importer(s) as applicable