



## Notice Inviting e-Tender

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PROCUREMENT OF OPHTHALMIC EQUIPMENT FOR RETINOPATHY OF PREMATURITY (ROP) AT MEDICAL COLLEGE AND HOSPITALS

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT-41/2019

Dated –04.06.2019

The following amendment has been made in the tender document,

### Schedule II

#### Amendment – XI

### TECHNICAL SPECIFICATIONS

#### Diode Green Laser with LIO delivery system

- Frequency Doubled Solid State, diode-pumped with diode on demand Technology, Continuous Wave
- Wave length 532nm, Max. Power 1.5 W at cornea or More
- Aiming beam 635 nm laser diode, Max. Power 1mW
- Auto pulse adjustable from 100 - 6000ms pulse interval
- Pulse duration 10 - 2,500ms, (CW)
- Electrical connection: 115 - 230V, 50/60 Hz, max. 700 Watt
- Thermoelectric cooling
- Laser spot diameter 50 - 1,000I-lm, Parfocal, continuously adjustable
- Dual Laser delivery port (only one at a time)

- Display / control panel 7" capacitive, multi touch, Day/night colour theme, store upto 20x user environment
- **Laser Indirect Ophthalmoscope**
- Cold Light source 115 V - 127 V
- Aspheric glass lens 20 dpt type 01-20
- Bracket for mounting of Laser Indirect Ophthalmoscope

### Optional Upgrades

- Slit Lamp have 5-Step Magnification Changer 5x, 8x, 12x, 20x, 32x
- Micro-display capable to project the following (treatment) information and parameters towards the operator in the upper and lower periphery of the laser slit lamp field of view:
  - Number of currently applied laser spots
  - Currently selected spot size
  - Laser power (both in single spot and multi-spot mode)
  - Laser pulse duration (both in single spot and multi-spot mode)
  - Laser pulse pause (in single spot mode)
  - Brightness of the display (in single spot & multi-spot)
  - Single Line, Line sequence, Arc Sequence and Square with Pattern Multi spot
  - Servo-Electric Micromanipulator
  - Change and adjust Laser parameters while operating the joystick by Laser control switch
  - Pattern rotation (in multi-spot mode)
  - 4 edge - only with Laser Slit Lamp
  - Physician's Safety filter True to color which swings automatically into position.
  - Illumination of 12 V, 30 W, brightness continuous adjustable
  - Slit Height 1/3/5/9/14 mm in steps and Slit width 0-14 mm continuous.
  - Suitable laser contact lenses (i.e. Macular Grid, Mainster PRP 165 deg.)

### FORUM Data Management System

- Automated Laser treatment