



Notice Inviting e-Tender

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Procurement of Medical Equipment for National Blindness Control Programme & Visual Impairment

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 283 /2022

Dated- 04.07.2022

Amendment-I

TECHNICAL SPECIFICATIONS

Sl. No. 1. A-Scan Biometry

A Scan Probe

1. Probe Frequency: 10 MHz
2. Fixation: Internal LED

Measurement Range

1. Axial Length: 15.0 mm to 40.0 mm or wider
2. ACD: 2.0 mm to 6.0 mm
3. Lens Thickness: 2.0 mm to 7.5 mm
4. Measurement Accuracy: ± 0.1 mm

Measurement Techniques

1. Method: Immersion & Contact
2. Mode: Auto & Manual
3. Lens Types: Aphakic, Normal, Cataract, Dense Cataract, Pseudophakic (Silicone, PMMA, Others), Silicone Oil.
4. Display: High Resolution 5 or more colour display with **or without** Touch Screen

Formula

1. SRK – T, SRK – II, Holladay, Hoffer- Q, Haigis & Post Refractive Formulas

Control

1. Storage: 100 Patient records, 10 Preset User, 25 IOL Configurations
2. Camp Mode: Fast Measurement with IOL Calculation in Single Screen
3. Printer: Fast Thermal Printer with Auto / Manual Cutter

Power

1. Electrical Requirements: 230V AC/50 Hz

Other Features

1. Auto & Manual Gain
2. Automatic Calculation of Standard deviation & average Axial length (Series of 10 measurements)
3. Simultaneous display of 2 or more different IOL Calculations
4. RTC Shows the date & Time throughout the life of the instrument
5. Various user programmable printouts Format
6. Measurement Possible for Various velocity of each Segment

Accessories

Soundless Motorized Table.

Safety & Standard

CE (having 4 digit notification number from European Union Notified body) or UKCA or US FDA Certificate or BIS