



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
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Kolkata-700091

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Supply and Commissioning of different types of Medical Equipment for Regional Institute of Ophthalmology Medical College and Hospital Kolkata

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT-435/2025

Dated-24.05.2025

Amendment I

Revised Technical Specification

Schedule II

TECHNICAL SPECIFICATION OF OPTICAL BIOMETRY

1. SWEPT Source Biometry (preferably showing full length OCT image showing anatomical details of the Eye on a longitudinal cut through the entire eye).
2. Should be able to detect usual eye geometries, such as a tilt or decent ration of crystalline lens.
3. Facility of fixation check by capturing and showing preferably OCT image of fovea. All measurements calipers are shown on the full length OCT image to verify the structure of the eye has been measured. Thus potential source of errors are eliminated.

4. Should have telecentric keratometry for distance independent keratometry.
5. Axial Length 14 - 30 mm or more.
6. Corneal radii 5 - 10 mm.
7. Anterior Chamber depth 0.7 - 8 mm.
8. Lens thickness 1 – 10mm(Phakic eye) & 0.13 – 2.5mm (Pseudophakic eye)
9. Central corneal thickness 0.2- 1.2mm.
10. White - to – white 8mm - 16 mm.
11. Posterior keratometry measurements, Total Keratometry (TK).
12. New Haigis / Haigis T formula or equivalent on board for Toric IOL power calculation.
13. Formulas for IOL calculation SRK II, SRK / T, Holladay 1 or 2, Hoffer Q, Haigis suite including Haigis L & Haigis T.
14. Barrett Suite consisting of Barrett Universal II, Barrett Toric & Barrett True-K with TK formula (Total Keratometry) or equivalent.
15. The equipment should have integrated hardware & software (CPU) within the single unit (preferably).
16. Future upgradability for Corneal Topography.

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