

TECHNICAL SPECIFICATIONS

Important Instructions for Technical Specifications

1. The bidders shall NOT write the word “As per specifications”, “specifications compliance” or any other related terms.
2. The bidder shall prepare the bid specifications in an **annotated for ease of comparison & evaluation**. The specifications will also be supported with **brochures of quoted equipment**, reference **picture/design / website link of the product**. The relevant brochures having complete specification must be attached with the technical bid otherwise bids shall be declared as non-responsive

F	OPHTHALMOLOGY		
	DIAGNOSTIC INSTRUMENT (EYE)		
1	Visual Field Analyzer,	1	<ul style="list-style-type: none"> • Video Fixation & Eye Tracking Monitor • Flexibility to Design Your Own Test and Printouts • Full Field test up to 80° • Binocular Driving Test Up to 160° • The open, modern, ergonomic design of Perimeter overcomes the claustrophobic problem and lack of ventilation often experienced in full bowl perimeters. • Improved patient comfort will result in more reliable field tests. • New 3D HoV Display • Global Statistics • Regression and Histogram Analysis • HoV Profile Analysis • Difference Analysis • Full Patient History Via Thumbnails • Computer System Intel Core i5 with LED Monitor
2	Cordless Indirect Ophthalmoscope With 20 D & 28 D aspheric lens	1	<ul style="list-style-type: none"> • Head mounted (adjustable). Illumination LED or Halogen. Pupillary distance & size adjustable. • Output voltage: variable voltage power supply. • Filters: Red free, Cobalt blue, Teaching mirror. Scleral depressor, detachment chart and carrying case. • With 06 spare bulbs only for halogen illumination ophthalmoscope. • 20 D lens and 28 D lens
3	Digital Lens meter (Foci-meter)	3	<ul style="list-style-type: none"> • Hartmann sensor with 108 measurement points • Green measurement light • Automatic lens type detection • Prism layout function • Scale mode function • UV transmittance measurement • Full graphic vertical color LCD with touch screen • built-in printer • Sphere (Spectacle lenses)-25.00 to +25.00 D • Sphere (Contact lenses) -25.00 to +25.00 D
4	Auto Refractometer Keratometer	2	<ul style="list-style-type: none"> • Accurate refraction measurement • Large pupil zone imaging method • Super luminescent diode and highly sensitive CCD • Auto tracking and auto shot • color LCD screen as per manufacture specification • Built-in printer with easy loading & auto cutter • Curvature Radius: 5.00 to 13.00 • Refractive Power: 25.96 to 67.50D • Cylindrical Power: 0 to ±12.00D • Axis: 0 to 180°

			<ul style="list-style-type: none"> • Sphere -30.00 to +25.00 • Cylinder 0 to ± 12.00 D • Axis 0 to 180° (1° / 5° increments) • PD measurement range 30 to 85 mm (1 mm increments) • Pupil diameter: $\varnothing 2$ mm <p>ACCESSORIES:</p> <ul style="list-style-type: none"> • With 6 paper roll, dust cover. • On locally made motorized table
5	Ophthalmic Ultrasound A/B Scan	1	<ul style="list-style-type: none"> • Complete with B-scan, Biometer • Scanning 400 lines over 60° or better provides high quality images, • Accurate analysis for B scan • Using algorithms, axial length measurements • IOL power calculations performed rapidly as the conventional model in Biometry Mode • Built-in thermal printer/External Printer and can be attached to the patient's medical record • Tiltable Touch Panel Display • Measurement accuracy for dense cataracts and existing opacities • B scan depth Normal (35 mm / 1550 m/s), Long (50 mm / 1550 m/s) • Color, Gray scale 256 levels scale • Gain / TGC 0 to 90 dB variable / 0 to -20 dB variable • Internal Fixation LED (red) • Biometry Range 12 to 40 mm • 10 MHz better B Probe. • 10 MHz better Biometry probe. • USB and LAN interfaces for easy data storage
6	Handheld Auto Refractometer Keratometer	1	<ul style="list-style-type: none"> • Measurement Method and Measurement Mode. • Pupil Zone Imaging Method • Super Luminescent Diode (SLD) and Highly Sensitive CCD • Auto Shot Mode • Thermal line printer with easy loading and auto cutter • Full Graphic LCD with 3.5-inch Color Screen. • Supine Position Mode. • Focusing Indicator. • Axis Correction Function. • R / L Auto Detection. • Pupil Size Measurement. • Retro illumination Image Observation. • Keratometry Measurement with Mire Ring • Contact Lens Measurement Function • Measurement range (Sphere) -20.00 to +20.00 D • Cylinder 0 to 12.00 D • Axis 0 to 180° • pupil diameter $\varnothing 2$ mm • Measurement range (Curvature radius) 5.00 to 13.00 mm • Refractive power 25.96 to 67.50 D • Cylindrical power 0 to 12.00 D • Rechargeable battery workstation

Note: Dual Certificate is mandatory from the following and it shall be online verifiable

1. CE/EC (European)
2. US-FDA (US-Food and Drugs Authority)
3. MHLW (Ministry of Health Labor and Welfare)