Republic of the Philippines
Department of Health
METRO MANILA CENTER FOR HEALTH DEVELOPMENT

BAGONG PILIPINAS

SUPPLEMENTAL/ BID BULLETIN NO. 1

IB2025 – 102E
PROCUREMENT OF 1 UNIT CORNEAL TOPOGRAPHY

This Supplemental/Bid Bulletin No. 1 is being issued to revise provisions/specifications in the Bidding Documents for a forecited project:

Query during Pre-bidding Conference:		
Technical Specification	**Query**	**Response of the End User Unit**
Completion Period: The delivery, installation, testing and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed **within 60 calendar days upon receipt of Notice to Proceed**.	Completion Period: The delivery, installation, testing, and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed **within 60 - 90 calendar days upon receipt of Notice to Proceed.**	Completion Period: The delivery, installation, testing, and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed **within 60 - 90 calendar days upon receipt of Notice to Proceed. GRANTED**

Bidders are advised to use the **following attached forms and submit them together with all required documents for the submission of bids on the 20th day of May 2025, 9:00 AM, Amphitheater.**

This Supplemental/Bid Bulletin No. 1 shall be integral to the Bidding Documents. All other provisions indicated in the bidding documents not affected by this Supplemental/Bid Bulletin No. 1 shall remain in effect.

For guidance and information of all concerned.

Issued this 14th day of May 2025 in MMCHD

Approved by:

SGD.
JEREMIAS FRANCIS Y. CHAN, MD, MPH
Licensing Officer V / BAC Chairperson

Republic of the Philippines
Department of Health
Metro Manila Center for Health Development

TECHNICAL SPECIFICATIONS

Item No. **1**	**CORNEAL TOPOGRAPHY**	Qty./Unit	**1Unit**
Name of Manufacturer:			Country of Origin
Brand:			Model: (if applicable)
ABC: **6,000,000.00**			

PURCHASER'S SPECIFICATION	STATEMENT OF COMPLIANCE
Cornea Application • Corneal Topography: Mapping of the cornea's surface curvature. • Corneal Tomography: 3D imaging of the cornea's structure. • Pachymetry: Measurement of corneal thickness. • Total Corneal Power: Calculation of the total refractive power of the cornea. • Corneal Wavefront Analysis: Measuring the cornea's optical quality and aberrations. • Corneal Differential Maps: Maps showing changes in corneal shape over time. • Progression Analysis: Monitoring changes in corneal topography, especially for detecting diseases like keratoconus. • Ectasia View with SCORE Analyzer: Identifying and monitoring corneal ectasia. • Epithelial Thickness Module: Measuring the thickness of the corneal epithelium. • A-scan Rate: 50,000 Hz, indicating high-speed axial scanning. • Resolution in Tissue: Less than 10 microns axially and 45 microns laterally, ensuring precise imaging. • Image Size: The imaging area is 11 ± 1 mm axially x 9 mm laterally. • Scan Pattern: Primarily line scans, with 65 B-scans. • Topographic Data Diameter: 8 mm **General Application** • Swept-source laser: Wavelength range of 1200-1400 nm (infrared), used for high-resolution imaging. • LED Wavelength: 820-890 nm (infrared), for illumination purposes. • A-scan Rate: 50,000 Hz, consistent with high-frequency scans. • Resolution in Tissue: Less than 10 microns axially and 30 microns laterally. • Image Size: 14 ± 0.5 mm axially x 16.5 mm laterally. • Scan Patterns: Includes line scans, volume scans, arc scans, and radial scans. - Line Scan: Number of A-scans per B-scan can vary (256, 512, 768, or 1024). - Averaged Scans per B-scan: Can be set to 1, 2, 4, or 8 for better image quality. - Volume, Arc, and Radial Scan: Scan lengths range from 5 to 16.5 mm for volume and arc scans, and 5 to 12.6 mm for radial scans. **Imaging Application** • Anterior Chamber and Angle Imaging: Visualizing the anterior chamber and its angles. • Corneal and Scleral Imaging: Imaging the cornea and sclera for structural assessment. • Lens Visualization: Visualization of both surfaces of the lens.	

• Customizable Scan Patterns: Allows customization of the scan area. • Peripheral Imaging: Ability to image peripheral structures. **Metrics Application** • Anterior Chamber Angle Assessment: Measurement of the anterior chamber angle • 360° Angle Graphs: Visual representation of angle parameters around the eye. • Anterior Chamber Volume: Measurement of the volume of the anterior chamber. • Lens Vault & Thickness: Measuring the lens vault (distance from the cornea to the lens) and its thickness. • Automatic Scleral Spur Detection: Automated detection of the scleral spur, a key landmark in anterior segment analysis. • Free-hand Measurements: Allows the clinician to manually measure areas of interest **Power Requirement** • Input Voltage: 220V, with a frequency of 50/60 Hz. **Accessories and Inclusions** • Calibration Certificate: For verifying system accuracy. • UPS (Uninterruptible Power Supply): Backup power to ensure continued operation during power interruptions. • Monitor and Printer: For displaying and printing results. • Motorized Stand: Included for convenient positioning of the equipment. • Two (2) Stools: Likely for the operator and patient.	
REQUIREMENTS, if awarded the contract 1. *Completion Period: The delivery, installation, testing, and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed* ***within 60 - 90 calendar days upon receipt of Notice to Proceed*****.** 2. Testing: Prior to acceptance, the end user shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect. 3. Training: The supplier shall provide a training on the proper use and maintenance of the equipment to the end-users and to the hospital maintenance staff within 3 days upon delivery of the equipment. 4. Warranty: a) Warranty certificate for two (2) years on parts and service. The supplier shall either repair or replace any item or part in the equipment that is found to be defective in material or workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning. b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations; c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects. d) The number of days where the equipment is unusable due to equipment defects/faults shall be added to the warranty period. e) The supplier shall specify post-warranty comprehensive preventive maintenance costs including list and prices of major spare parts of the equipment for three (3) years after the warranty period. 5. Notarized undertaking that the supplier shall conduct the necessary corrective maintenance, replacements and repair within five (5) calendar days upon notification of the equipment breakdown from the end-user. The undertaking shall include a statement that the number of days where the equipment is unusable due to defective material or workmanship, shall be added to the warranty period. 6. Manuals: The supplier must provide the end-user one (1) hard and one (1) soft copy of the following: a) Service manual in English language b) Operation manual in English language 7. With "DOH-MMCHD HFEP (Government Property not for sale)" sticker in each unit. x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x Source of Fund: HFEP 2025 GAA (Short of Award) Recipient: Ospital ng Paranaque I – 1 unit	