

**27.03.2019**

**TAMILNADU MEDICAL SERVICES CORPORATION LTD.,**

**TENDER FOR FIXING RATE CONTRACT FOR SUPPLY AND INSTALLATION OF  
PHACOEMULSIFIER 6 CRYSTAL HAND PIECE, POSTERIOR VITRECTOMY  
MACHINE, OPERATING MICROSCOPE LOW END, VISUAL FIELD ANALYZER AND  
B SCAN MACHINE WITH UBM PROBE TO REGIONAL INSTITUTE OF  
OPHTHALMOLOGY, GOVT. OPTHALMIC HOSPITAL, EGMORE, CHENNAI  
TENDER NO.445/EYE/TNSBCS/TNMSC/ENGG/2019, DT.26.02.2019**

**CORRIGENDUM**

a) The following corrigendum are issued:-

<b>Sl. No.</b>	<b>Tender document reference</b>	<b>Instead</b>	<b>Read as</b>
1.	Page No.57 to 59 Section VI: Technical Specification 4. Specification for Visual Field Analyzer 5. Specification for B Scan with UBM Probe	Existing Text	Revised Text at Annexure - I

The following due date is extended:-

Sale of bidding document : up to 10.04.2019

Last date and time for receipt of bids : 11.04.2019, 11.00 AM

Date and time of opening of bids : 11.04.2019, 12.00 Noon

All other terms and conditions of the tender remain unaltered.

The above forms part of the bidding documents. The bidder shall attach the copy of this corrigendum duly signed by their authorized signatory, in their bid.

**Sd/-  
General Manager (E)**

#### 4. SPECIFICATION FOR VISUAL FIELD ANALYZER

##### Perimeter (Higher End)

##### Stimulus Characteristics

- Target Size: Goldman III size
- Method of presentation: Rear projection LED static perimeter
- Luminance Range: 0.01 to 1000 Apostilibs (50 to 10 db)
- Number of Stimuli: 133
- Luminance Accuracy: +/-0.5 db
- Colour: Pale Green with Wavelength of 568nm blue with wavelength of 465 nm.
- Duration: 0.2 to 5.0 sec in 0.2 sec increment.
- Interval: 0.3 to 4.9 sec in 0.2 sec increment.

##### Strategies

- Screening: Fixed, 3 zone & contour screening.
- Threshold: Full & Fast Threshold

##### Fixation Monitors:

- Electro-optical monitoring: Video monitor
- Heijl Krakau fixation Control: Blind spot method
- Mosaic Attention Monitor: Sensor method

##### Stimulator Screen:

- Shape: Part Hemispherical Bowi
- Radius: 30 cm
- Surface: Integrating Diffusing
- Background Luminance: 31.5 Apostilibs
- Chinrest Movement: Dual chinrest (up/down movement)
- Operator interface: Touch screen, Key board and Mouse
- Printer: Laser Printer (Supports all kinds of USB printers)
- Analysis Software: Field explorer 4.0

##### Patterns

- Central Field: 5 patterns
- Full Field: 6 patterns

## Characteristics

- Dimension in mm: 650 (H) x 480 (W) x 500 (D) approx.
- Weight: approx. 30 kg approx.
- Power supply: 230V, 50 Hz AC
- Power consumption: 175 VA
- Operating range: 40° to 104°F (10° to 40°)
- Operating Humidity: 30% to 85% (Non- Conductivity)

## 5. SPECIFICATION FOR B SCAN WITH UBM MACHINE

- Gain: -128 to +128
- TGC: Near, Mid, Far (user adjustable slide)
- Contact Probe: 12 MHz
- Scan Angle for : 20 degree to 60 degree (B Scan); 20 degree to 35 degree (UBM)
- Vector density and sampling: 256 vectors x 2048 points/per vector
- View zone: 30 mm to 60 mm (B-Scan); 15mm to 18mm (UBM)
- Axial resolution: 300 microns (B-Scan) 40 microns (UBM)
- Lateral resolution: 500 microns (B-Scan) 50 microns (UBM)
- Database dimension: 1MB/Image
- Measurement Tools: Angle, Caliper and Area
- Other Tools: Arrow Mark, Probe Orientation and Text Annotation
- A/B Scan capability: A Scan vector (10 MHz) available as overlay on B-Mode images
- Velocity: Adjustable to tissue or material being imaged
- Gray Scale: 256
- Floor Fill Colour: Fill the false colour for differentiate the image segment.
- Image: Gray levels
- Image capture rate: 15 fps (max)
- Video Recording: Avi format, cine
- Image Buffer: 50 frames per cine (total 50x 10 = 500 frames)
- Image exporting: PNG, JPEG, BMP, GIF, TIFF
- Report exporting: JPEG, PDF, HTML, RTF, Xlx, Xlsx, Csv, TEXT, Image.
- System control input devices: USB keyboard, Mouse & Foot pedal.
- A Scan Probe: 10 Mhz extra.