



## Notice Inviting e-Tender

**West Bengal Medical Services Corporation Limited**  
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Supply and commissioning of different medical equipment for Diamond Harbour Govt. Medical College & Hospital for patient care services & starting of New PG-seats (Submission of Bid through *online*)

2<sup>nd</sup> call of Bid Reference No.: WBMSCL/NIT-138/2024; dated-22.02.2024

Bid Reference No.: WBMSCL/NIT-267/2024	Dated-07.05.2024
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### Schedule-II

#### Amendment-I

#### USG B Scan and Pachymetry Machine

- Should be a compact; portable, upgradable and customizable Ophthalmic Ultrasound B-scan and Pachymeter

#### **B Scan Mode**

- B-Scan Probe Transducer Frequency: 15 MHz or more
- Grey levels: 256
- Adjustable Gain; 0 dB to 100 dB or more
- Time Gain Control (TGC): Adjustable
- Angle of Exploration: 50° or more
- Depth of Exploration: 60 mm or more
- Focus: Adjustable
- Axial Resolution: 15  $\mu$ m or more
- Lateral Resolution: 80  $\mu$ m or more
- Frame rate Acquisition: up to 15 Hz
- Should have simultaneous B-Scan & A-Scan cross vector with value.
- Should have high image resolution.
- Should have vibrations free B Scan Probe

#### **Pachymetry Mode:**

- Pachymetry Probe Transducer Frequency: 20 MHz or more
- IOP compensation factor should be auto calculated.
- Should give CCT with Mapping/Radial reading.

#### **Data Management (for USG B scan):**

- Should built in Physician and patient database.
- Should have exploration of still image and video sequences.
- Should have customizable digital and printed reports.
- Should have DICOM compatible (work list, Storage & Printout).
- Should have ERM compatible.
- Should have compatible with any window printer.
- Should have LED screen with minimum resolution of 1024 X 768.
- Should have Mouse and Foot switch as control device.
- Should be compatible With Bluetooth and Wi-Fi or USB (minimum 4 or more USB ports) and Ethernet for data transfer.
- Operating Voltage 100 - 240 VAC.
- Must Have European CE (4 digit notified body) / US FDA / BIS Approved.

**Consumables:** ultrasound gels (Qty. - 10 packs)