



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
Swasthya Sathi
GN-29, Salt Lake, Sector-V
Kolkata-700091

Phone No (033) 40340307/320

E mail: procurement@wbmsc.gov.in

Supply and Commissioning of Different Medical Equipment for Calcutta National Medical College and Hospital

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL/NIT- 071 /2025

Dated-21.01.2025

Amendment-I

Revised Technical Specification

Schedule-VII

USG cum Echocardiography Machine

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|---------------------------------------|---|---|
| Types of Probes & Features | 1. High density more than 125 element probes in convex & Linear | Yes |
| | 2. Biopsy Guide for all probe | Yes |
| Scan Modes | 3. Quad Imaging | Yes |
| | 4. Steer M Mode | Yes |
| | 5. M Mode colour | Yes |
| | 6. CW | Yes |
| | 7. TDI-Tissue doppler imaging | Yes |
| | 8. Surface 3D rendering | Yes |

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|--|--|----------------------------------|
| | 9. Triplex | Yes |
| | 10. Speckle Reduction Imaging | Yes |
| | 11. Compounding Imaging | Yes |
| | 12. IMT -Internal median thickness sw | Yes |
| | 13. Panoramic Imaging | Yes |
| | 14. Trapezoidal Imaging | Yes |
| | 15. Real-Time and Frozen Zoom | Yes |
| Image Display and Processing | 16. Monitor Type | LED |
| | 17. Monitor Size | 15 inch or more |
| | 18. DICOM 3 COMPLIANT | Yes or higher |
| | 19. Automated B-mode (2-D) image | Yes or higher |
| | 20. Transducer Socket | 1 Port |
| | 21. Transducer Socket (External) | 3 Port |
| | 22. DVD/CD Writer | Yes |
| | 23. Probe Cover | 20 for each probe |
| | 24. Dicom Interfacability Dicom to PACS | Yes |
| | 25. Interfacability Dicom to RIS | Yes |
| | 26. Cart / trolley from OEM with 1 KVA online UPS | Yes |
| | 27. gel & transducer holder | |
| 28. USG system supplied should be upgradable to next generation system on site | Yes | |
| Power Requirements | 29. Resettable over current breaker shall be fitted for protection | Yes |
| | 30. Back up time in minutes | 60 minutes or |

| Specification | Specification Name | Bid Requirement (Allowed Values) |
|--------------------------|--|----------------------------------|
| | | more |
| Miscellaneous Parameters | 31. Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue) | 2 |
| | 32. Number of installations of the Portable USG machines in Central /State/PSU Govt Hospitals(Note: Seller should supply a performance certificate of the device to the buyer if demanded after placement of order) | Upto 3 |

Additional Specification Parameters - Portable Ultrasound Machine

| Specification Parameter Name | Bid Requirement (Allowed Values) |
|---|----------------------------------|
| 1. Physical parameters: Weight - 5.5-7 Kg (including battery) | Mandatory |
| 2. Frame Rate -1700 or more | |
| 3. Scanning Depth - 40 cm or more Scanning Time - up to 120 Sec. System frequency range : 1-14 MHz or more. all inclusive | Mandatory |
| 4. Transducers : 1) 1- 5 MHz or higher frequency single crystal Curvilinear transducer 2) 3-11 MHz or higher linear probe for superficial structure | Mandatory |
| 5. On board storage : Minimum 120 GB SSD / 256 GB storage for connectivity to computer System should have extensive calculation package for cardiac, Vascular measurement and calculation provision for distance, area, volume and circumference. | Mandatory |
| 6. It should be suitable for echocardiography (Adult abdominal, FAST exam, vascular, musculoskeletal, breast, small parts applications). | Mandatory |
| 7. CDSCO approval | Mandatory |