



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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SUPPLY AND COMMISSIONING OF MEDICAL EQUIPMENTS (SET-I) FOR TRAUMA CARE
FACILITY FOR THE HOSPITALS AND MEDICAL COLLEGES OF THE GOVT. OF WEST
BENGAL

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT- 20/2017

Dated – 26.04.2017

The following amendments have been made in the tender document,

Amendment – II

SCHEDULE – III

Portable USG Machine

1. The unit should be compact, lightweight and portable. Specify weight and dimensions. Weight should not exceed **10 Kg including battery** and excluding cart and accessories.
2. It should be suitable for echocardiography (Adult, Paediatric), abdominal, Ob / Gyn, FAST exam, vascular, musculoskeletal, small parts applications
3. The unit must have real time compound imaging for improved contrast resolution and eliminating ultrasound artefact to achieve optimum image quality on convex and linear transducers
4. The unit must have automatic gain adjustment for B mode
5. Scanning depth must be available up to 30 cm or more
6. System must have frequency range from **2 – 12** MHz (± 1 MHz)

7. Imaging modes of Real time 2D, Colour Doppler, Pulsed wave Doppler, Continuous wave Doppler, PW-TDI, Power(energy) Doppler should be available.
8. Controls for 2D mode: Total gain, depth, dynamic range, auto gain
9. System must have fast start up to scanning in less than 30 seconds as essential in critical and emergency situation in ICU, emergency, OT
10. Cine memory on all modes
11. System should be DICOM ready system with print, save, modality work list. Ready to connect to PACS
12. Inbuilt Flat LCD / TFT monitor of 10" or more
13. Alphanumeric soft keys keyboard with easy access, scans controles, system must have sealed keyboard for sanitization. This must be possible to avoid cross contamination
14. Onboard storage of at least 10000 images
15. USB port for connectivity to computer
16. System should have extensive calculation package for cardiac, Ob / Gyn, Vascular measurement and calculation provision for distance, area, volume and circumference
17. Must be able to operate both on AC and inbuilt battery. Inbuilt battery pack should be self-recharging and should last at least for 2 hours(minimum scan time covered should be atleast 45 minutes) when fully charged, need to be demonstrated (minimum 45 minutes scanning time)
18. Transducers:
 - 18.1. 2 – 5 MHz Curvilinear transducer for abdominal, Obst & Gynae examination
 - 18.2. 5 – 12 MHz Linear probe for superficial structure
19. B/W Thermal printer, carry bag, mobile cart with transducer holder and space for printer should be quoted separately as optional
20. Essential Requirement: The firm must have minimum number of 25 installations of the same model in India, attach list of installations, and also provide performance certificates
21. Warranty: The unit, transducers and all accessories should be covered with warranty for 2 (two) years and CMC for 5 years commencing from the date of issue of installation certificate
22. Standerd and Safety: European CE (from European union notified body having 4 digit identification number) & US FDA