


MFR & AMBULANCE EQPT. (03 ITEMS)

88. PORTABLE ULTRASOUND MACHINE.

SPECIFICATION

SN	Technical specification	Name of Equipment
01	Should have AC Mains adaptor/battery charger	
02	It should have in built full alphanumeric keyboard	
03	Latest technology all-digital Hand Held Ultrasound System suitable for adult & paediatric ultrasound	
04	Should have broad band frequency Transducer Technology	
05	Should have B mode, M-mode, Ultrasound angio	
06	Should have a very high System Dynamic Range of at least 125 dB.	
07	Should have inbuilt rechargeable Lithium Ion Battery and the system should operate for at least 90 minutes on battery	
08	Should have integrated display screen size of at least 5 inches	
09	Should have high frame rate of more than 90 frames/sec	
10	Should have standard calculation package.	
11	Should have image storage facility for at least 100 images.	
12	Should have cinel memory. Power Doppler	
13	Should be light weight system weighing less than 4 kg for hand carrying.	
14	System should be supplied complete with the following.	
15	60mm broadband 5-2 MHz curved array for general purpose. Abdominal, obstetric.	
16	and gynaecologic applications transducers	
17	B/W Thermal Printer	
18	System should have the capability to be upgraded to higher frequency Broad Band.	
19	Probe having a frequency range of 4 to 7 MHz for Paediatric Echocardiography Applications..	
20	Application : System should also have the capability to be upgraded to a Linear Broad Band probe having a frequency range of 5 to 10 MHz for vascular Imaging	
21	Upgradeable to Pulsed Wave Doppler Mode, Continuous Wave Doppler Mode of Imaging.	