Technical Specifications for ECG Machine, 3 Channel

1	2	3	4		
	Purchaser's Requirements		**Bidder's Offer[1]**		
		Priority [2]	**Conformity**		**Remarks[3]**
			Yes	**No**	
1.	**Type :** a) Standard 12 lead ECG recorder b) Possible to view 12 traces on the screen simultaneously. c) Consist of a three-channel thermal recorder.	C			
2.	**Settings :** a) ECG print formats - 1, 3, 3+1 channel. b) Paper speed - 5, 12.5, 25 and 50mm/s c) Sensitivity Control - 5,10,20 mm/mV	C			
3.	**Features and Facilities :** a) 5 inch or more color display screen with a resolution of 800x480 or more b) Paper roll size - 80m or more c) Storage Capacity – 800 ECGs or more d) Availability of AC & EMG filters e) Electrode check facility to identify loose electrodes f) Portable with a carrying handle	C			
4.	**Requirements:** a) Leakage Current - less than 10 µA b) Frequency Response - 0.05 to 150Hz (- 3dB) c) CMMR ≥ 100 dB d) Input Impedance ≥ 100 MΩ	C			
5.	**Accessories :** Following accessories should be supplied with each unit. Unit price of all accessories must be clearly indicated in proforma invoice. a) Patient Cable 10 Lead - 2 Nos. b) Clip Electrode - 8 Nos. c) Chest Electrode - 12 Nos. d) Paper Roll - 10 Nos.	C			
6.	**Spare Parts :** Unit price of following spare parts and accessories in foreign currency (US$ is preferable) valid at least for a period of 3 years after warranty should be provided; All PCBs Display Screen Battery Pack Key Panel Other relevant parts	C			

7.	**Power Supply :** a) The unit should operate on a power supply of 230V±10%, 50 Hz. b) There should be an internal rechargeable battery pack as a backup power supply with a capacity of not less than 2500 mAh.	C			
8.	**Documents :** 1) Following documents should be supplied together with the equipment delivery; a) Original Equipment Manufacturer (OEM) Certificate. b) Warranty Certificate issued by the Manufacturer c) Operation Manual in English with each unit d) Two sets of Service Manual 2) Following documents should be supplied with the offer; a) Original Technical Literature in English (Relevant Catalogues) b) Statement of Compliance with regard to the technical specifications. c) ISO,CE Certificates for goods manufacturing process d) List of installation sites for the quoted model e) A detailed proforma invoice of the equipment describing the parts and accessories offered as requested from the specification together with their make, model, country of origin, unit price, quantity, total price, delivery period and the period of warranty offered etc. f) Training Certificates of a technical person trained by manufacturer for any model of the quoted brand	C			
9.	**General Conditions :** 1) The equipment should be covered by a comprehensive "Parts & Labour" warranty for a period of not less than 24 months from the date of successful installation & commissioning. 2) On site user training for the operation and routine maintenance of the unit should be provided regularly for the hospital staff.	C			

Make & Model : ……

Country of Manufacture : ……

Information given under “Bidder’s offer” is true & correct

Bidder’s Signature : ……
Bidder’s Name : ……

Company seal Date ……..

1 Bidder shall fill in Columns of ‘Conformity’ and ‘Remarks’
2 Purchaser will mark C for critical requirements
3 Bidder shall describe the relevant technical feature of their offered model