

## Technical Specification Of ECG Machine & Leads



**Purchaser : Aathbiskot Municipality, Rukum(West)**

**Medical Equipment : ECG Machine & Leads**

**Quantity : 1 Unit**

S.N.	Office Requirement	Compliance on each parameter with detailed substantiation how the offered product meets the requirement.	Remarks, if any
1	Portable with cart for easy transport, microprocessor based high resolution module.		
2	ECG 12 leads automatic and simultaneous acquisition and it should be displayed on ECG screen. a. 12 lead simultaneous acquisition for rest ECG. b. Single average ECG-preferably age, gender and sex based algorithm.		
3	LCD display with alphanumerical key board or virtual key board with spill free membrane to select patient identification parameter.		
4	Should have different operative modes (automatic, manual, and arrhythmia)		
5	Should have zero positioning and drift compensation. a. ECG should be printed in different formats as per user's choice.		
6	Should have automatic interpretation software.		
7	Pace maker detection .		
8	Machine should have frequency response (auto and rhythm) to meet requirements for all patient age group category.		
9	AC filter and filters for artifact, high and low pass filter.		
10	Built in battery backup with battery capacity 200 or more ECG during single charge and battery recharge required after >8 hours.		
11	Must be US FDA approved or CE (Notified Body) Marked.		
12	Two years warranty compulsory.		



13	ECG machine should include patient module, lead wire along with ten leads and connecting cable.		
14	Must provide additional one set of ECG Lead wires-each along with ten leads and connecting cable.		
15	Must provide ECG papers with each machine.		
16	Must provide jelly along with each machine.		
17	Operating and detailed service manual should be supplied.		
18	Power supply 230V $\pm$ 10%, 50Hz $\pm$ 3%.		
19	Tropicalisation : Operating room temp: Upto 40 Degree C. Storage room temp :Upto 50 Degree C. Relative humidity :Upto 90% non condensing.		

Bidder's Signature.....

Date.....