



بِسْمِ اللّٰهِ الرَّحْمٰنِ الرَّحِیْمِ



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ANNEX 1

SPECIFICATIONS

Defibrillator

Required Quantity 03

1. The defibrillator should be Bi-Phasic.
2. Should have a high-resolution colour TFT display of a minimum of 8 inch or more
3. Should have energy levels for defibrillation: 2 to 200 joules or more.
4. Should have automatic as well manual Defibrillation
5. Should have direct trim knob and direct function keys for mute and freeze.
6. Should be mains and battery operated. The internal battery should provide backup operation of more than 2 hours in monitoring mode or at least 100 defibrillation shocks should be delivered from the fully charged battery.
7. Facilities of ECG pickup from paddles in case of ECG electrodes are not connected to the Defibrillator.
8. Integrated external re-usable adult and pediatric paddles for defibrillation.
9. Should have non-synchronized and synchronized cardioversion.
10. The system should have 24 hrs. graphical as well as tabular memory for all parameters.
11. The charging time should be less than 10 seconds for charging up to 200 joules.
12. Should have USB/Data Card storage facility wherein data gets recorded & can be retrieved with the help of software on computer. The software should be provided as standard scope of supply
13. Should have an integrated Printer.
14. Should have the following additional integrated parameters
 - a. SpO2
 - b. NIBP
 - c. External Pacemaker
 - d. EtCO2 monitoring
15. The machine should be European CE Certified
16. Required Trolley for mounting the machine should be supplied



BIPAP MACHINE with TUBE

Required Quantity 03

1. BIPAP Machine with standard Accessories (Mask, Tubing, Heated Humidifier).
2. Mode of operation Bilevel spontaneous & Timed
3. Pressure=4-20 cm of H₂O
4. Ramp Time=0-20 Minutes
5. Should have provision for oxygen supply
6. Should have Heated Humidifier of the same brand
7. Sound Level=Less than 40dB
8. Provided with soft silicone Nasal /Full face Mask and Tubing (The Mask supplied should be as per requirement)
9. Should run on electricity at 220V-240V and 50Hz.
10. Adequate Flow of Air
11. Item should be CE/FDA Approved

LARYNGOSCOPE with McCoy Blades

Required Quantity 03(Adult, Pediatric, Neonatal)

1. Rigid laryngoscope set for adult, paediatric and neonatal patients
2. Fiber optic light transmission
3. LED illumination
4. Light pathway shall be replaceable in case of fiber deterioration
5. The handles should be lightweight, easy to grip and clean
6. Blades shall be made of SS, steam sterilizable and to possess single piece construction (no soldered joints)
7. Handle should be incorporated with alkaline batteries.
8. Complete set with hard storage case, McCoy blades no. 1, 2, 3, 4 & 5
9. Should be FDA approved /CE Marked
10. Application training must be provided to the users
11. User/Technical/Maintenance manuals to be supplied in English.
12. List of important spare parts and accessories with their part number and costing.



PATIENT WARMER

Required Quatity: 05

1. Should have basic warming unit and disposable blankets
2. Should have fast warming unit – temperature should reach 38 degrees Celsius within 30 sec
3. The temperature (warming) unit should have 3 operating temperature levels1
4. After 45 min temperature come from high mode to medium mode
High - 42–46-degree Celsius (+)2 degrees Celsius
Medium 36–40-degree Celsius (+)2 degrees Celsius
low - 30–35-degree Celsius (+)2 degrees Celsius
The basic warming unit should have an automatic step-down facility.
5. Should have high efficiency, <0.4 microns air filteould have multiple mounting options (cart, bed rail iv pole and floor)
6. Should have a hose-end sensor for effective delivery of set temperature to the patient and to prevent burns
Shoul be small, lightweight, and easy to uses

ACCESSORIES

- a) The blanket should be compatible with a basic warming unit
- b) should have a uniform perforation pattern across the blanket surface for even convective warming
- c) Should be soft and latex-free, made of 2 ply material. they should be precision-cut to have an even airflow and surface

BLANKETS

ADULT UPPER BODY

ADULT WHOLE BODY

ADULT LOWER BODY

ADULT UNDERBODY

PEDIATRIC FULL BODY

