

S.No	Name of Equipment	Specifications
1	Cardiac Monitor (5 Parameter)	<p>Multi Parameter Patient Monitor (5ch ECG, SpO2, NIBP, TEMP, Resp.)</p> <ul style="list-style-type: none"> • Display for easy Viewing 12” or better color TFT/LCD/ LED for easy set-up (with all parameters display). <p>Advance for high-end-user.</p> <ul style="list-style-type: none"> • ECG, SpO2, NIBP, 2-TEMP, and Respiration • Arrhythmias analysis should be detected and alarmed • Multi-lead ECG algorithm • S-T / QT Analysis <p>PERFORMANCE:</p> <ul style="list-style-type: none"> • Heart rate. • Respiration rate. • SPO2 Range: 30 ~ 100% or better on either side, Neonate and adult probe. • Temperature Range. • NIBP Range. <p>GENERAL:</p> <ul style="list-style-type: none"> • Display: 12” or better Color TFT/ LCD/ LED or better • Alarm: All parameters on/off selective independently • Power input 220Vac, 50Hz. • With Battery Backup time: Minimum 03 hours or better for all parameters. <p>ACCESSORIES:</p> <ul style="list-style-type: none"> • ECG 5 Lead cable. 1 • Disposable Electrodes Adult, Neonate & Paeds. 20 each • SPO2 Finger sensor with fixed or detachable extension (each for adult, Paeds and neonate) • Cable of minimum 3-meter length. 1 • NIBP Reusable Neonate, Paeds & Adult Cuff 1 • NIBP Hose 1 • AC power cord 1 • Ground cable 1 • Operation Manual 1 • Temperature sensor & cable 1
2	Cardiac Monitor (7 Parameter)	<p>Multi Parameter Patient Monitor (5ch ECG, SpO2, NIBP, Dual IBP, TEMP, Resp., ETCO2)</p> <ul style="list-style-type: none"> • Display for easy Viewing 12” or better color TFT/LCD/ LED for easy set-up (with all parameters display). • ECG, SpO2, NIBP, 2-IBP, 2-TEMP, and Respiration. • EtCO2 (Side stream/ main stream type with basic accessories). • Arrhythmias analysis should be detected and alarmed • Multi-lead ECG algorithm • S-T / QT Analysis • IBP cable and sensor kit

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3	ICU Ventilator	<ul style="list-style-type: none"> • Tidal volume from 50 - 2,000 mL or better. • Pressure (inspiratory) up to 80 cm H₂O or better • Volume (inspiratory) up to 120 L/min or better • Respiratory rate: up to 60 breaths per minute or better • SIMV Respiratory Rate: up to 40 breaths per minute. • CPAP/PEEP up to 20 cm H₂O. • Pressure support up to 45 cm H₂O. • FiO₂ between 21 to 100 % • With compatible humidifier • Application: Adult, Pediatric • FiO₂ concentration: 40%-100% • Inspiratory and expiratory times up to at least 2 sec and 8 sec respectively • I:E Ratio at least from 1:1 to 1:3. 2 • Modes of ventilation: A/C, SIMV, PSV, SPONT, MMV, IPPV <ul style="list-style-type: none"> • Display size: min 10-inch lcd/led • Monitor Parameter: Tidal volume, minute volume, tidal frequency, Peak airway pressure, PEEP, I/E. • CPAP/PEEP Alarms required: FiO₂, minute volume, pressure, PEEP, apnoea, occlusion, high respiration rate, disconnection System alarms

		<p>required: power failure, gas disconnection, low battery, vent inoperative, self-diagnostics.</p> <ul style="list-style-type: none"> • If alarm silencing feature is incorporated, it must be temporary and clearly displayed when activated Air and externally supplied oxygen mixture ratios fully controllable Inlet gas supply (O₂) pressure range at least 35 to 65 psi Medical air compressor/Turbine, with inlet filter.
4	BIPAP	<ul style="list-style-type: none"> • Device should have CPAP, BILEVEL S, BILEVEL T, BILEVEL ST modes. • Device should have three different user menus – an Information menu, a patient menu for adjusting the comfort functions and a clinical menu for the optimal customization of all the therapy parameters. • Once the patient stops breathing the device should automatically B switches into the T-mode and provides respiration for the patient in the prescribed safety frequency. • The extreme low respiration resistance, the high-power reserves, and the automatic compensation for leakages. • The device should have Alarm indicators. • High maximum pressure 25 hPa. • Average noise level should be less than 30dB. • With humidifier. • Advanced data management with SD card. • Simple handling. • Easy to replace filter.
5	CPAP	<ul style="list-style-type: none"> • The Device should have 3 levels separately for in- and expiration. • The Device should provide a continuous positive pressure. In addition, CPAP mode provides an individual respiration flow proportionable pressure adjustment during the inspiration and the pressure drop during the expiration. • The device should have alarm system. • Pressure Range: 4 – 20 hPa (mbar). • Average noise level should be less than 30 dB. • Advanced data management with SD card. • Should have stand-by time, turbine running time, therapy time, filter age counters. • Simple handling. • Easy to replace filter.
6	Oxygen Concentrator	<ul style="list-style-type: none"> • Micro Processor controlled. • Oxygen Flow Range: 0 to 10 litter per Minute • Noise level (<45dbA) • With filter. • With OPI (oxygen purity indicator) & Alarm at very low oxygen level. • Audio visual alarm for: Power loss, Low pressure, air leak, hardware failure, Mechanical Failure, Overheating and High Pressure. • Oxygen Percentage level. • 1-10 Ltr per Minute 95%±3% or better • With Humidifier • With Connecting Pipe • Mobile on 04 Castors

7	Oxygen 240 Cft cylinder	<ul style="list-style-type: none">• The cylinder must be of standard quality.• BOC/Equivalent testing certificate must be provided
8	Oxygen 48 Cft cylinder	<ul style="list-style-type: none">• The cylinder must be of standard quality.• BOC/Equivalent testing certificate must be provided