


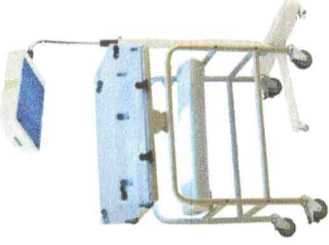
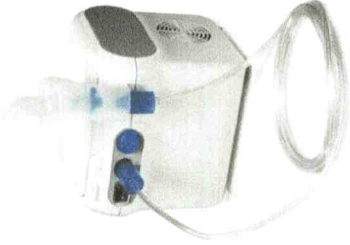



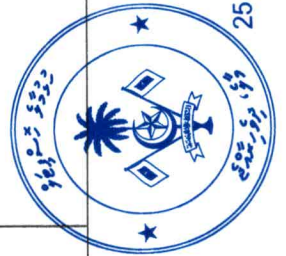
REQUIREMENT SHEET

#	Item name	Qty	Details	Technical spec	Sample picture
1	Vein detector	5	Easy access to the veins by seeing them with vein detector	Brightness-Adjustable brightness Infrared wavelength-940nm 850nm Optimal imaging distance-210mm ± 30mm Image resolution -856 * 480 pixel Power source -Rechargeable battery	
2	Pulse oximeter (Adult)	8	To measure the oxygen level in the blood	Battery life: lead acid battery; internal, rechargeable Approximately 4-5 hours of continuous use. Display & indications: SpO2: 3-digit LED (light-emitting diodes) display, 10.9mm high or digital display. Pulse strength logarithmically scaled, 8 segments remain. Low-battery LED flashes when approximately 30min of battery life remains. SpO2: Range 0-100% Accuracy: ±2% at 70-100%, ±3% at 50-69% Averaging: 4.8- or 16-pulse beat average. Pulse rate: Range 30-254bpm Accuracy: ±2% at 30-254bpm Operating temperature 0 to 40°C. Storage Temperature: - 40 to 75°C.	
3	Pulse oximeter (Neonatal)	4	Should include the Neonatal probes	Battery life: lead acid battery; internal, rechargeable Approximately 4-5 hours of continuous use. Display & indications: SpO2: 3-digit LED (light-emitting diodes) display, 10.9mm high or digital display. Pulse strength logarithmically scaled, 8 segments remain. Low-battery LED flashes when approximately 30min of battery life remains. SpO2: Range 0-100% Accuracy: ±2% at 70-100%, ±3% at 50-69% Averaging: 4.8- or 16-pulse beat average. Pulse rate: Range 30-254bpm Accuracy: ±2% at 30-254bpm Operating temperature 0 to 40°C. Storage Temperature: - 40 to 75°C. Relative humidity: 10-95%, storage	


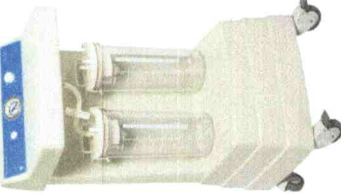
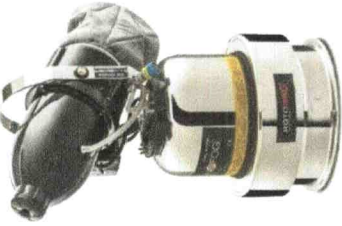
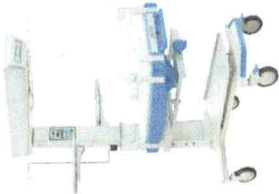


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4	Double surface phototherapy unit	2 Treating neonatal jaundice patients	<p>Phototherapy should be based on advanced CFL tube/LED technology. minimum 8 nos. of medical grade Blue CFL lamps on source modules. For LED technology the irradiance should cover the entire treatment area.</p> <p>height adjustable mechanism, treatment distance to the range of 25 to 45 cms should be possible.</p> <p>Wave length of CFL lamps should be in the range of 420 – 470 nm and irradiance level should be higher than normal blue tube lights.</p> <p>The unit should provide a minimum of irradiance 10Watts/m².</p> <p>The irradiance should be measured and reported to the user institution at the time of installation and thereafter during every subsequent warranty/CMC/AMC visit and all breakdown visits.</p> <p>Lamp source should be continuous tillable to ±90 degree angle to cover the entire treatment area.</p> <p>System should be height adjustable with built-in non resettable timer</p> <p>Baby bed should be transparent with up / down tillable facility</p> <p>Should work with input 200 to 240Vac 50 Hz supply.</p>	
5	Nebulizer	5 Administer medication in the form of mist inhaled into lungs	<p>Nebulizer Technical Specifications</p> <p>Electrical: 220-240V, 50/60Hz</p> <p>Power Consumption: 192VA</p> <p>Storage Air Pressure: 700-1.060 hPa</p> <p>Particle Size (approx. MMAD): 3.0µm</p> <p>Appropriate Medication Quantities (min.-max.): 2-7 ml</p> <p>Residual Volume: 0.7 ml</p> <p>Sound: 60 db</p> <p>Nebulization Rate (by weight loss): 0.4 ml/min</p> <p>Aerosol Output (2ml, 1% NaF): 0.4 ml</p> <p>Aerosol Output Rate: 0.06 ml/min</p> <p>Aerosol % <5 µm: 70%</p>	
6	Transport Stretcher	10	<p>Maximum weight limit: 700 lb (317.5 kg)</p> <p>Low position (floor to top of sleep deck): 20.7" (52.58 cm)</p> <p>High position (floor to top of sleep deck): 34.25" (87 cm)</p> <p>Overall length 83" (210.8 cm)</p> <p>Overall width (siderails up): 32" (81.3 cm) or 36" (91.4 cm)</p> <p>Overall width (siderails stored): 30.38" (77.15 cm) or 34.38" (87.31 cm)</p> <p>Siderail length 48" (121.9 cm)</p> <p>Siderail height above sleep deck: 14" (35.6 cm)</p> <p>Mattress size: 26" (66 cm) x 75" (190.5 cm) or 30" (76.2 cm) x 75" (190.5 cm)</p> <p>Maximum head elevation: 90°</p> <p>Maximum Trend/Reverse Trend: 18°</p> <p>Floor to base clearance: 3.5" (8.9 cm)</p> <p>Caster size: 8" (20.3 cm)</p>	



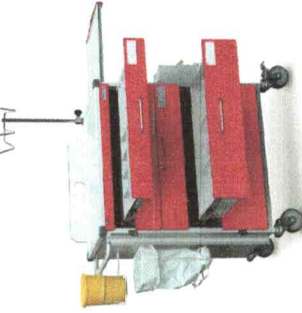
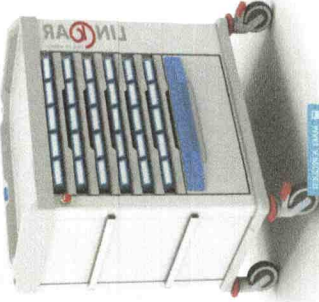

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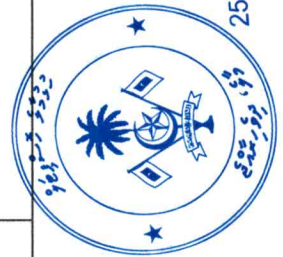
7	ECG Machine	3	<ol style="list-style-type: none"> 1. 12 inch color touch display 2. Easy operation: The touch panel display should show all the keys right on the display for intuitive operation 3. A Start/Stop key, An alarm to indicate if an electrode is detached supported by an illustration on the screen 4. Patient ID Check 5. Noise resistance 6. More than 15,000 ECG files should be able to store 7. Stress test functionality 	
8	Suction Machine	6	<p>Maximum pump flow: 40 L/min or higher Maximum vacuum: 85 kPa - 850 mbar - 640 mmHg Noise level: 45+ _1.5 dB (A5)/1 m Power: 180 W Intensity: 0.9 A Voltage: 200-240 VAC (50-60 Hz) Dimensions: 960 x 430 x 340 mm Weight: 21.7 kg Storage Temperature: -40 C to 70 C Operating Temperature: 7 C to 40 C</p>	
9	Fog Machine	4	<p>Machine Capacity: More than 20000 cu feet Material: SS 316 Grade or HDPE With Air Filter</p>	
10	Infant warmer	1	<p>To keep the baby warm -A bed used for stabilizing the body temperature of a newborn</p>	



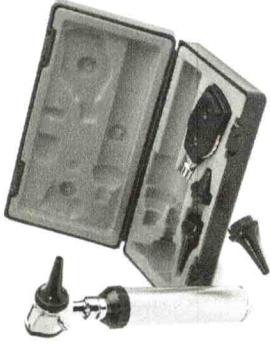
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REQUIREMENT SHEET

11	Emergency Trolley	3	<ol style="list-style-type: none"> 1. Laterally extendable worktop 2. Full extension drawers 3. Holder for gas bottles 4. Holder for hand gloves box 5. Reanimation board 6. Holder for risk waste container 2 litre 7. Waste bag holder 8. Cover bar with seal 9. Holder for infusions (with adjustable height) 10. 4 pivoting castors ϕ 100 mm, with 2 front brakes 	
12	Medication Cart	3	<ol style="list-style-type: none"> 1. 30 or more medication bin 2. 60cm drawers 3. removable and stackable and should be able to equip with labels 4. 4 pivoting castors ϕ 100 mm, with 2 front brakes 	
13	vitals monitor	3	<p>Monitoring parameters:- ECG, respiration, NIBP, SaO2 and temperature</p> <p>Digital and 6 waves / traces display</p> <p>Monitor should have audible and visual alarms capability. Alarms should have three distinct audible alarm tones to distinguish alarm levels as under. Also monitor should permit automatic viewing of alarming parameter waveform and numeric from any bedside in alarm as and when connected in a network.</p> <p>Should include hemodynamics calculations and vital sign and graphic trends. Trends should be automatically stored for at least 24 hours in at least one minute intervals.</p> <p>Numeric monitored data shall be viewable and recordable in a patient chart type format in at least 1, 5, 15, 60 minutes intervals.</p> <p>Convenient handle for carrying the same</p> <p>Able to fix with bed/trolley.</p>	



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14	OTOSCOPE	5	Since there is no otoscope, patient care is delayed and it is difficult to borrow from other departments	<p>Otoscope Set with MacroView Otoscope Rechargeable Battery 60-Minute Power Handle Hard Storage Case Reusable Ear Specula</p>	
15	FETAL DOPPLER	6	To minimize the delay of the care for pregnant ladies and service enhancement	<p>Fetal Heart Rate: Range 50 – 240 bpm Accuracy: ±1% or ±1bpm whichever is great. Ultrasound Frequency: 2.5 MHz Continuous Wave. Audible Output Speaker: Minimum 1W. Battery should operate minimum continuous 5 hours. Weight not more than 3kgs including Battery. Warranty 1 Year warranty. Power 220 – 230 AC, 50Hz</p>	